



The bidi *Package*

Documentation for *version 16.4*

to my Master, Ferdowsi The Great

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<https://github.com/persian-tex/bidi/issues>

In doing so, please always explain your issue well enough, always include a minimal working example showing the issue, and always choose the appropriate label for your query (i.e. if you are reporting any bugs, choose 'Bug' label).

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The *bid* Package

Bidirectional typesetting in plain T_EX and L^AT_EX, using XeT_EX engine

Documentation for [version 16.4](#)

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Introduction

bidi provides a convenient interface for typesetting bidirectional texts in plain \TeX and \LaTeX , using the \XeTeX engine.

bidi Info On The Terminal and In The Log File

If you use bidi package to write any input \TeX document, and then run `xelatex` on your document, bidi writes some information about itself to the terminal and to the log file. The information is something like:

```
*****
*
* bidi package (Bidirectional typesetting in
* plain TeX and LaTeX, using XeTeX engine)
*
* Description: A convenient interface for
* typesetting bidirectional texts in plain TeX
* and LaTeX. The package includes adaptations
* for use with many other commonly-used packages.
*
* Copyright © 2009–2014 Vafa Khalighi
*
* 2014/12/28, v16.4
*
* License: LaTeX Project Public License, version
* 1.3c or higher (your choice)
*
* Location on CTAN: /macros/xetex/latex/bidi
*
* Issue tracker: https://github.com/persian-tex/bidi/issues
*
* Support: persian-tex@tug.org
*****
```

Part I

\LaTeX Manual

1 Basics

1.1 Loading The Package

You can load the package in the ordinary way;



```
\usepackage [Options] {bidi}
```

Where options of the package are explained later in [subsection 1.5](#).
When loading the package, it is important to know that:

- ❶ bidi should be the last package that you load, because otherwise you are certainly going to overwrite bidi's definitions and consequently, you will not get the expected output.
- ❷ In fact, bidi makes sure that some specific packages are loaded before bidi; these are those packages that bidi modifies them for bidirectional typesetting. If you load bidi before any of these packages, then you will get an error saying that you should load bidi as your last package.

For instance, consider the following minimal example:

```
1 \documentclass{minimal}
2 \usepackage{bidi}
3 \usepackage{graphicx}
4 \begin{document}
5 This is just a test.
6 \end{document}
```

Where graphicx is loaded after bidi. If you run xelatex on this document, you will get an error which looks like this:

```
! Package bidi Error: Oops! you have loaded package graphicx after
bidi package. Please load package graphicx before bidi package, and
then try to run xelatex on your document again.

See the bidi package documentation for explanation.
Type H <return> for immediate help.
...

1.4 \begin{document}

?
```

1.2 bidi's Symbol

As you may know lion symbolizes T_EX but lion does not symbolizes bidi. **Simorgh**¹ (shown on the first page of this documentation) symbolizes bidi.

¹Simorgh is an Iranian benevolent, mythical flying creature which has been shown on the titlepage of this documentation. For more details see <http://en.wikipedia.org/wiki/Simurgh>



1.3 Commands for Version number, and Date of The Package

`\bidiversion` `\bididate`

☞ `\bidiversion` gives the current version of the package.

☞ `\bididate` gives the current date of the package.

```
1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 This is typeset by \textsf{bidi} package, \bidiversion, \bididate.
5 \end{document}
```

1.4 Turning TeX--XeT features on and off

The bidirectional typesetting in XeTeX is based on TeX--XeT algorithm and bidi package automatically turns the feature on for typesetting bidirectional texts. As the internal data structures built by TeX--XeT differ from those built by TeX, the typesetting of a document by TeX--XeT may therefore differ from that performed by TeX. So you may notice that some packages behave differently when TeX--XeT feature is on and you may want to turn the feature off for a part of the text so that you get the default behaviour of original TeX. Two commands are provided for this purpose:

`\TeXXeTOn` `\TeXXeTOff`

☞ `\TeXXeTOn` turns TeX--XeT feature on, which is active by default when bidi package is loaded.

☞ `\TeXXeTOff` turns TeX--XeT feature off.

1.5 Options of The Package

There are three options, namely `RTLdocument` and `rldocument`, which are essentially equivalent. If you pass any of these options to the package, you will be typesetting a document containing mainly RTL texts with some LTR texts. These options activate `\setRTL` (explained in [subsection 5.4](#)), `\RTLdblcol` (explained in [subsection 1.10](#)) and `\autofootnoterule` (explained in [subsubsection 1.9.1](#)).

It is clear that if you do not pass any of these options to the package, you will be typesetting a document containing mainly LTR texts with some RTL texts.

There is also `extrafootnotefeatures` option that allows footnotes to be typeset in different formats:



```

\normalfootnotes
\twocolumnfootnotes \threecolumnfootnotes \fourcolumnfootnotes
\fivecolumnfootnotes \sixcolumnfootnotes \sevendcolumnfootnotes
\eightcolumnfootnotes \nincolumnfootnotes \tencolumnfootnotes
\RTLcolumnfootnotes \LTRcolumnfootnotes
\paragraphfootnotes
\setLTRparagraphfootnotes \setRTLparagraphfootnotes

```

☞ `\normalfootnotes` typesets footnotes in Standard \LaTeX format.

☞ `\twocolumnfootnotes` to `\tencolumnfootnotes`, typeset footnotes in two-columns to ten-columns, respectively.

☞ `\RTLcolumnfootnotes` typesets footnotes columns RTL (first column on the RHS and each next column to the left of the previous column) and `\LTRcolumnfootnotes` typesets footnotes columns LTR (first column on the LHS and each next column to the right of the previous column). `\LTRcolumnfootnotes` is active by default.

☞ `\paragraphfootnotes` typesets footnotes in paragraph format.

☞ `\setLTRparagraphfootnotes` makes footnotes run from left to right. This command is active by default.

☞ `\setRTLparagraphfootnotes` makes footnotes run from right to left.

Please note that when using `extrafootnotefeatures` option, the footnote rule will be as wide as the text width and `\autofootnoterule`, `\rightfootnoterule`, `\leftfootnoterule`, and `\textwidthfootnoterule` commands have no effects. Please also note that if you redefine `\baselinestretch` command or change the value of `\baselineskip` primitive before `\paragraphfootnotes` command, then you may get Arithmetic Overflow error. You should change these after using `\paragraphfootnotes` command.

1.6 Paragraph Switching Commands

```

\setLTR \setLR \unsetRL \unsetRTL
\setRTL \setRL \unsetLTR

```

☞ With any of the commands in the first row, you can typeset LTR paragraphs.

☞ With any of the commands in the second row, you can typeset RTL paragraphs.

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 \setRTL%

```




```

5 Anyone who reads Old and Middle English literary texts will be
6 familiar with the mid-brown volumes of the EETS, with the symbol
7 of Alfred's jewel embossed on the front cover.
8
9 \setLTR% Notice the blank line before \setLTR
10 Anyone who reads Old and Middle English literary texts will be
11 familiar with the mid-brown volumes of the EETS, with the symbol
12 of Alfred's jewel embossed on the front cover.
13 \end{document}

```

1.7 Paragraph Switching Environments

```

\begin{LTR}  <text>  \end{LTR}
\begin{RTL}  <text>  \end{RTL}

```

☞ With LTR environment, you can typeset LTR paragraphs.

☞ With RTL environment, you can typeset RTL paragraphs.

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 \begin{RTL}
5 Anyone who reads Old and Middle English literary texts will be familiar
6 with the mid-brown volumes of the EETS, with the symbol
7 of Alfred's jewel embossed on the front cover.
8 \begin{LTR}
9 Anyone who reads Old and Middle English literary texts will be familiar
10 with the mid-brown volumes of the EETS, with the symbol
11 of Alfred's jewel embossed on the front cover.
12 \end{LTR}
13 And we are still typesetting RTL.
14 \end{RTL}
15 \end{document}

```

1.8 Typesetting Short LTR and RTL Texts

```

\LRE{<text>}  \LR{<text>}
\RLE{<text>}  \RL{<text>}

```

☞ With any of the commands in the first row, you can typeset short LTR text inside RTL paragraphs.

☞ With any of the commands in the second row, you can typeset short RTL text inside LTR paragraphs.



```

1 \begin{document}
2 \begin{RTL}
3 Anyone who reads Old and Middle English \LRE{Short LTR text} literary
4 texts will be familiar
5 with the mid-brown volumes of the EETS, with the symbol
6 of Alfred's jewel embossed on the front cover.
7 \begin{LTR}
8 Anyone who reads Old and Middle English \RLE{Short RTL text} literary
9 texts will be familiar
10 with the mid-brown volumes of the EETS, with the symbol
11 of Alfred's jewel embossed on the front cover.
12 \end{LTR}
13 \end{RTL}
14 \end{document}

```

1.9 Footnotes

```

\footnote [num] {<text>} \LTRfootnote [num] {<text>} \RTLfootnote [num] {<text>}
\setfootnoteRL \setfootnoteLR \unsetfootnoteRL
\thanks{<text>} \LTRthanks{<text>} \RTLthanks{<text>}

```

- ☞ `\footnote` in RTL mode produces an RTL footnote while in LTR mode it produces an LTR footnote.
- ☞ `\LTRfootnote` will always produce an LTR footnote, independent on the current mode.
- ☞ `\RTLfootnote` will always produce an RTL footnote, independent on the current mode.
- ☞ Specifying a `\setfootnoteRL` command anywhere will make `\footnote` produce an RTL footnote.
- ☞ Specifying either a `\setfootnoteLR` or an `\unsetfootnoteRL` command anywhere will make `\footnote` produce an LTR footnote.
- ☞ `\thanks` (to be used only inside `\author` or `\title` argument) in RTL mode produces an RTL footnote while in LTR mode it produces an LTR footnote.
- ☞ `\LTRthanks` (to be used only inside `\author` or `\title` argument) will always produce an LTR footnote, independent on the current mode.
- ☞ `\RTLthanks` (to be used only inside `\author` or `\title` argument) will always produce an RTL footnote, independent on the current mode.



```
\footnotetext [num] {\text} \LTRfootnotetext [num] {\text}
\RTLfootnotetext [num] {\text}
```

- ☞ `\footnotetext` used in conjunction with `\footnotemark`, in RTL mode produces an RTL footnote while in LTR mode it produces an LTR footnote.
- ☞ `\LTRfootnotetext` used in conjunction with `\footnotemark`, will always produce an LTR footnote, independent on the current mode.
- ☞ `\RTLfootnotetext` used in conjunction with `\footnotemark`, will always produce an RTL footnote, independent on the current mode.

1.9.1 Footnote Rule

The behavior of footnote rules can also be controlled.

```
\autofootnoterule \rightfootnoterule \leftfootnoterule
\LRfootnoterule \textwidthfootnoterule \SplitFootnoteRule
\debugfootnotedirection
```

- ☞ `\autofootnoterule` will draw the footnote rule right or left aligned based on the direction of the first footnote following the rule (i.e., put in the current page).
- ☞ `\rightfootnoterule` will put footnote rule on the right-hand side.
- ☞ `\leftfootnoterule` or `\LRfootnoterule` will put footnote rule on the left-hand side.
- ☞ `\textwidthfootnoterule` will draw the footnote rule with a width equal to `\textwidth`.
- ☞ `\SplitFootnoteRule` puts a full-width rule above the split-off part of a split footnote.
- ☞ `\debugfootnotedirection` writes the direction of the first footnote on each page, in the log file.

1.10 Two Column Typesetting

```
\RTLdblcol \LTRdblcol
```

If you pass the `twocolumn` option to the class file and if the main direction of the document is RTL, then you get RTL two column and if the main direction of the document is LTR, then you get LTR two column. In addition, `\RTLdblcol` allows you to have RTL two column typesetting and `\LTRdblcol` allows you to have LTR two column typesetting as the options of the class file.



Also please note that in `twocolumn` documents, the width of the `\footnoterule` will be equal to `\columnwidth` no matter which footnote-rule commands you use; indeed, in `twocolumn` documents only `\textwidthfootnoterule` is active and other footnote-rule commands will not be effective.

1.11 RTL cases

`\RTLcases` command was previously known as `\rcases` command but since there was a clash with `mathtools` package (`mathtools` defines `rcases` environment), we had to rename `\rcases` command to `\RTLcases` command.

```
\RTLcases{\text{\langle brach1\rangle}\cr\text{\langle brach2\rangle}\cr\text{\langle brach3\rangle}...}
\text{\langle main\rangle}
```

`\RTLcases` is defined in `bidi` for typesetting RTL cases. `\text` is defined in `amsmath` package, so this means that you need to load `amsmath` package too.

```
1 \documentclass{article}
2 \usepackage{amsmath}
3 \usepackage{bidi}
4 \begin{document}
5 \setRTL
6 \[ \RTLcases{\text{men}\cr\text{women}}
7 \text{Humans Beings}
8 \]
9 \end{document}
```

1.12 Typesetting Logos

```
\XeTeX \XeLaTeX
```

`bidi` defines \XeTeX and \XeLaTeX logos and in addition, it makes sure that logos, \TeX , \LaTeX , $\text{\LaTeX}_{2\epsilon}$ are typeset LTR.

1.13 Separation Mark

```
\SepMark{\langle mark\rangle} \@SepMark
```

Generally in Standard \LaTeX , dot is used for separation between section numbers, equation numbers any anything else which needs to be separated. You can use `\SepMark` to use any other mark as the separation mark instead a dot.

```
1 \documentclass{article}
2 \usepackage{bidi}
3 \SepMark{-}
4 \begin{document}
5 \section{First}
6 \subsection{Second}
7 \subsubsection{Third}
8 \end{document}
```



If you decide to change the numbering of chapters, sections, subsections, equations, figures and ..., you should either load `amsmath` package and use `\numberwithin` macro to do this or do the ordinary way, but instead dot write `\@SepMark`. Using dot instead `\@SepMark` will certainly make trouble.

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \SepMark{-}
4 \makeatletter
5 \renewcommand\theequation{\thesection\@SepMark\@arabic\c@equation}
6 \makeatother
7 \begin{document}
8 \section{First}
9 \begin{equation}
10 x^2+y^2=z^2
11 \end{equation}
12 \end{document}

```

1.14 `\raggedright`, `\raggedleft` commands, `flushleft` and `flushright` Environments

`\raggedright` command and `flushleft` environment put the text on the left hand side and `\raggedleft` command and `flushright` environment put the text on the right hand side, independent on the current mode.

1.15 Primitive-like commands

`\hboxR` `\hboxL` `\vboxR` `\vboxL`

- ☞ The syntax of `\hboxR` is exactly the same as the syntax of `\hbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\hboxL` is exactly the same as the syntax of `\hbox`, but its contents is always typeset LTR.
- ☞ The syntax of `\vboxR` is exactly the same as the syntax of `\vbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\vboxL` is exactly the same as the syntax of `\vbox`, but its contents is always typeset LTR.

1.16 Something To know about `\hbox`

If you enable RTL typesetting and typeset an horizontal box at the beginning of the document:



```

1 \documentclass{article}
2 \usepackage{bidi}
3 \setRTL
4 \begin{document}
5 \hbox{This is a Test}
6 \end{document}

```

You see that even you have used `\setRTL`, the horizontal box appears LTR (It appears on the left hand side and its content is typeset left to right). This is because when \TeX starts, it is in the vertical mode so if you need to have that `\hbox` appear RTL, then write `\leavevmode` before `\hbox`:

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \setRTL
4 \begin{document}
5 \leavevmode\hbox{This is a Test}
6 \end{document}

```

1.17 `\bidillap` and `\bidirlap` Commands

In RTL mode, `\llap` and `\rlap` do opposite things. Since these two macros are used in a lot of classes and packages, instead of modifying these two macros, we have created two new macros `\bidillap` and `\bidirlap` which give logical results.

1.18 `LTRitems` and `RTLitems` Environments

If you typeset an `itemize`, or an `enumerate`, or a `description` environment where all `\items` are one directional, you have no problem at all as shown below:

```

1 \documentclass{article}
2 \begin{document}
3 Anyone who reads Old and Middle English literary texts will be familiar
4 with the mid-brown volumes of the EETS, with the symbol of Alfred's
5 \begin{enumerate}
6 \item Anyone who reads Old and Middle English literary texts will be
7 familiar with the mid-brown volumes of the EETS, with the symbol of
8 Alfred's
9 \item Anyone who reads Old and Middle English literary texts will be
10 familiar with the mid-brown volumes of the EETS, with the symbol of
11 Alfred's
12 \end{enumerate}
13 \end{document}

```

However if the above example becomes bidirectional, as shown below:

```

1 \documentclass{article}
2 \usepackage{bidi}

```



```

3 \begin{document}
4 Anyone who reads Old and Middle English literary texts will be familiar
5 with the mid-brown volumes of the EETS, with the symbol of Alfred's
6 \begin{enumerate}
7 \item Anyone who reads Old and Middle English literary texts will be
8 familiar with the mid-brown volumes of the EETS, with the symbol of
9 Alfred's
10 \setRTL
11 \item Anyone who reads Old and Middle English literary texts will be
12 familiar with the mid-brown volumes of the EETS, with the symbol of
13 Alfred's
14 \end{enumerate}
15 \end{document}

```

Then some people may argue that this typographically does not look promising. For this purpose, RTLitems environment is provided which has the following syntax:

```

\begin{RTLitems}
  \item <text>
  ...
\end{RTLitems}

```

By using the RTLitems environment, the previous example will look like the following:

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 Anyone who reads Old and Middle English literary texts will be familiar
5 with the mid-brown volumes of the EETS, with the symbol of Alfred's
6 \begin{enumerate}
7 \item Anyone who reads Old and Middle English literary texts will be
8 familiar with the mid-brown volumes of the EETS, with the symbol of
9 Alfred's
10 \begin{RTLitems}
11 \item Anyone who reads Old and Middle English literary texts will be
12 familiar with the mid-brown volumes of the EETS, with the symbol of
13 Alfred's
14 \end{RTLitems}
15 \end{enumerate}
16 \end{document}

```

Similarly, LTRitems environment is defined which has the following syntax:

```

\begin{LTRitems}
  \item <text>
  ...
\end{LTRitems}

```



1.19 LTRbibitems and RTLbibitems Environments

The syntax of LTRbibitems and RTLbibitems environments is exactly like the syntax of LTRitems and RTLitems environments but there are few differences:

- ✎ LTRitems and RTLitems environments should only be used for list-like environments (such as itemize, enumerate and description environments) but LTRbibitems and RTLbibitems environments should only be used for thebibliography environment.
- ✎ Clearly instead of `\item`, you have `\bibitem` inside LTRbibitems and RTLbibitems environments.

1.20 `\setLTRbibitems`, `\setRTLbibitems`, and `\setdefaultbibitems` commands

<code>\setLTRbibitems</code> <code>\setRTLbibitems</code> <code>\setdefaultbibitems</code>
--

- ✎ If your whole thebibliography environment is inside RTL mode, but all your `\bibitems` are LTR and you actually want to have `\bibname` to appear on the RHS, you can use `\setLTRbibitems` command before thebibliography environment.
- ✎ If your whole thebibliography environment is inside LTR mode, but all your `\bibitems` are RTL and you actually want to have `\bibname` to appear on the LHS, you can use `\setRTLbibitems` command before thebibliography environment.
- ✎ `\setdefaultbibitems` is the default, when your `\bibitems` are a mixture of LTR and RTL and it does not matter what mode (LTR or RTL) your thebibliography environment is in. Please note that you do not have to use `\setdefaultbibitems` command in this case at all.

Consider an example that your thebibliography environment is inside LTR mode and you have, say two `\bibitems`. The first `\bibitem` is LTR and the second `\bibitem` is RTL. One could typeset this senario as shown below:

```
1 \documentclass{article}
2 \usepackage{bidi}
3 \begin{document}
4 \begin{thebibliography}{99}
5 \bibitem This is the first bibitem which is LTR.
6 \begin{RTLbibitems}
7 \bibitem This is the second bibitem which is RTL.
8 \end{RTLbibitems}
9 \end{thebibliography}
10 \end{document}
```



1.21 Typesetting margin par

By default, in RTL mode, `\marginpar` appears on LHS and its content is typeset RTL and in LTR mode, `\marginpar` appears on RHS and its content is typeset LTR. In addition, the following commands are provided:

```
\setRTLmarginpar \setLTRmarginpar \setdefaultmarginpar
\LTRmarginpar[⟨left-text⟩]{⟨right-text⟩}
\RTLmarginpar[⟨left-text⟩]{⟨right-text⟩}
```

- ☞ `\setRTLmarginpar` always makes `\marginpar` to appear on LHS and the content of `\marginpar` is typeset RTL (this is independent of the current mode).
- ☞ `\setLTRmarginpar` always makes `\marginpar` to appear on RHS and the content of `\marginpar` is typeset LTR (this is independent of the current mode).
- ☞ `\setdefaultmarginpar` gives the default behaviour of `\marginpar` as described above.
- ☞ `\LTRmarginpar` typesets `⟨left-text⟩` and `⟨right-text⟩` always LTR.
- ☞ `\RTLmarginpar` typesets `⟨left-text⟩` and `⟨right-text⟩` always RTL.
- ☞ in RTL mode, places of `⟨left-text⟩` and `⟨right-text⟩` swaps.

1.22 Typesetting of Headers and Footers

If the main direction of the document is RTL, then headers and footers are typeset RTL and if the main direction of the document is LTR, then headers and footers are typeset LTR.

1.23 Tabular Typesetting

In RTL mode, tabular are typeset RTL and in LTR mode, tabular are typeset LTR.

1.24 Equation Numbers

For `reqno`, equation numbers are on the right hand side and for `leqno`, equation numbers are on the left hand side, independent on the current mode.

2 Support For Various Packages and Classes

The bidi package supports `amsmath`, `amstext`, `amsthm`, `array`, `arydshln`, `breqn`, `cals`, `caption`, `color`, `colortbl`, `crop`, `cuted`, `cutwin`, `dblfnote`, `draftwatermark`, `empheq`, `fancyhdr`, `fancybox`, `fix2col`, `float`, `floatrow`, `flowfram`, `framed`, `ftnright`, `geometry`, `graphicx`, `hvfloa`, `hyperref`, `lettrine`, `listings`, `mdframed`, `midfloat`, `minitoc`, `multicol`, `multienum`, `newfloat`, `pdfpages`, `pstricks`, `quotchap`, `pinyin`, `ragged2e`, `rotating`, `sidecap`, `stabular`,



subfig, subfigure, supertabular, xtab, tabs, tabulary, PGF & TIKZ, tocbibind, tocloft, tocstyle, wrapfig, xcolor, xltextra packages, amsart, amsbook, artikel1, artikel2, artikel3, extarticle, flashcards, standrad article, boek, boek3, standard book, bookest, extbook, extletter, scrlettr, standard letter, memoir, extreport, rapport1, rapport3, refrep, standard report, scrartcl, scrbook, scrreprt classes and any other packages and classes that relies on these packages and classes. This means, you can use all these packages and classes in addition to other packages and classes that rely on these packages and classes and use their functionality fully for your bidirectional documents. We now give some details that you should know about the supported packages or classes.

2.1 Color

You can use color and xcolor packages to typeset texts in colours and colour boxes produced by `\colorbox` and `\fcolorbox` commands. Please note that your Coloured text should not span more than a line, if your text spans more than a line, you will be in trouble which means your whole document, page or paragraph may be coloured. If your texts spans more than a line, then you should use xecolor package. Also if you are going to use `\color` command to colour the text at the beginning of a paragraph, then you should have `\leavevmode` before `\color` command. For having coloured tabular, you can use colortbl package.

2.2 The dblfnote package

The dblfnote package makes footnotes double-columned. In addition bidi package adds bidirectional support for the dblfnote package by providing the following commands:

<code>\RTLdfnmakecol</code>	<code>\LTRdfnmakecol</code>
-----------------------------	-----------------------------

☞ `\RTLdfnmakecol` makes footnotes double-columned RTL.

☞ `\LTRdfnmakecol` makes footnotes double-columned LTR.

☞ If the main direction of the document is RTL, `\RTLdfnmakecol` is active and if the main direction of the document is LTR, `\LTRdfnmakecol` is active.

Please note that when using dblfnote package, the footnote rule will be as wide as the footnote column and `\autofootnoterule`, `\rightfootnoterule`, `\leftfootnoterule`, and `\textwidthfootnoterule` commands have no effects.

2.3 Hyperref

The hyperref package works fine with bidirectional documents if and only if, your link will not span more than a line. If your link spans more than a line, then your whole document, or page or paragraph may be linked.



2.4 The listings package

Suppose that the main direction of the document is RTL, and you want to typeset a piece of C code in LTR mode but you also have the requirement that the caption of that particular code should be RTL. Since the direction of the code is LTR, then the direction of the caption also will be LTR and this is not something you want; sadly there is no easy way to do this. For this very reason, the `bidi` package adds a key to the `listings` package, namely `captiondirection`. This key can have the following values:

☞ `textdirection` follows the direction of the text (default).

☞ `RTL` sets the direction of the caption to RTL.

☞ `LTR` sets the direction of the caption to LTR.

Giving any other values gives you an error.

2.5 flowfram Package

You can use `flowfram` package for your bidirectional documents. Please note that `flowfram` package provides support for bidirectional column typesetting, for details, see its manual.

2.6 Multicolumn Typesetting

In the previous versions of `bidi` package, it was recommended that you need to use `fmultico` package instead the original `multicol` package for RTL multicolumn typesetting. This is not the case any more and you should not use buggy `fmultico` package any more. Simply load the original `multicol` package before loading `bidi`. `bidi` now supports `multicol` package and you can typeset bidirectional multi columns. When using `multicol` package, the following two additional commands are provided:

`\RTLmulticolcolumns` `\LTRmulticolcolumns`

If the main direction of the document is RTL, then you get RTL multi columns and if the main direction of the document is LTR, then you get LTR multi columns. In addition, `\RTLmulticolcolumns` allows you to have RTL multi columns and `\LTRmulticolcolumns` allows you to have LTR multi columns. In addition, you also can use `vwcol` package for variable width bidirectional column typesetting.

3 Extra bidi Packages and Classes



3.1 bidi-longtable package

For typesetting RTL tables with longtable package, an experimental package, bidi-longtable package, is provided. bidi-longtable package should be loaded after longtable package.

3.2 bidentufte bundle

A modified version of tufte-latex, bidentufte bundle, mainly for RTL typesetting, is provided. If you never used bidentufte bundle or tufte-latex package and you want to use bidentufte bundle, then you need to look at tufte-latex package's manual and examples. In addition, for using bidentufte bundle, you need to know the following notes:

- ☞ You need to use bidentufte-book class instead tufte-book class and bidentufte-handout class instead tufte-handout class.
- ☞ bidentufte bundle provides the following extra commands:

`\LTRsidenote` `\RTLsidenote` `\LTRmarginnote` `\RTLmarginnote`

- ☞ bidentufte-book and bidentufte-handout classes provide two extra options; RTLgeometry (active when loading either of classes) and LTRgeometry.
- ☞ bidentufte bundle unlike tufts-latex package, only provides justified lines.
- ☞ Some features of tufte-latex that does not make any sense in RTL, do not exist in bidentufte bundle (no need for soul, letterspace and macrotype packages).
- ☞ If you want to configure bidentufte-book class for your own needs, then you can create a file with the name bidentufte-book.cfg and put your \LaTeX macros in that file; similarly, if you want to configure bidentufte-handout class for your own needs, then you can create a file with the name bidentufte-handout.cfg and put your \LaTeX macros in that file.

3.3 Typesetting \TeX and \LaTeX Codes

The \LaTeX codes in this manual are typeset using the bidicode package. In standard \LaTeX you can not use footnotes inside `\chapter`, `\part`, `\section`, `\subsection`, `\subsubsection` and any other section-like commands, `\caption` and tabular environment.

bidi package provides bidiftnextra package that solves the issue of footnote in standard \LaTeX . bidiftnextra package should be loaded after bidi package.



3.4 Typesetting Poems

The bidi package provides bidipoem package for typesetting Persian poems. It provides four environments, `traditionalpoem`, `modernpoem` and starred version of these. In the starred version of these environments you do not need to type `\\` and that is the only difference with the normal version of the environments. The `traditionalpoem` environment and its starred version are also useful for typesetting Classic Arabic poetry, in fact this package may also be useful for other RTL languages.

When using bidipoem package, at least you need to run `xelatex` twice on your document. In fact, if you run `xelatex` just once on your document, you get a message saying “Unjustified poem. Rerun XeLaTeX to get poem right”.

When you typeset your poems, you might get underfull `\hbox` messages. This is absolutely normal and if you want to get rid of these underfull `\hbox` messages, then you would need to use Kashida.

If you need to change the default distance between two verses, you can do just that by:

```
\renewcommand\poemcolsepskip{\langle length \rangle}
```

```
\begin{traditionalpoem}  
  \langle verse1 \rangle & \langle verse2 \rangle \\  
  \langle verse3 \rangle & \langle verse4 \rangle \\  
  ...  
\end{traditionalpoem}
```

```
\begin{traditionalpoem*}  
  \langle verse1 \rangle & \langle verse2 \rangle  
  \langle verse3 \rangle & \langle verse4 \rangle  
  ...  
\end{traditionalpoem*}
```

3.5 Typesetting Resumé

The bidi package provides `bidimoderncv`² class for typesetting resumé. There are two examples, namely `test-casualcv.tex` and `test-classiccv.tex`, in the `doc` folder than you can look and learn how you can use it.

3.6 Print Two Pages On A Single Page

bidi package provides `bidi2in1` package for printing two pages on a single (landscape) A4 page. Page numbers appear on the included pages, and not on the landscape ‘container’ page.

²This class is the modified version of `moderncv` class.



3.7 Producing Presentations

At the moment, there is only one class that you can prepare your presentations with.

4 Some Useful Internal Macros and Programming Tips

There are some useful internal macros and programming tips that might be helpful for you. This section, explains all these useful internals and programming tips.

4.1 Equating Conditionals

`\eqnewif{<\newconditional1>}{<\newconditional2>}`

In standard \LaTeX , `\newif` command is provided that you can define a new conditional with it. `\eqnewif` command is similar to `\newif` command but:

- ☞ With `\eqnewif` command, you can define two new conditionals instead one, so clearly it has two mandatory arguments.
- ☞ `\newconditional1` will be identical to `\newconditional2`, so that whenever `\newconditional1` is true, then `\newconditional2` is also true and whenever `\newconditional1` is false, then `\newconditional2` is also false and vice versa.

4.2 RTL Conditional

`\if@RTL`

`\if@RTL` conditional is true inside RTL mode and it is false in LTR mode.

4.3 Main RTL Conditional

`\if@RTLmain`

If the main direction of the document is RTL, `\if@RTLmain` is true and if the main direction of the document is LTR, `\if@RTLmain` is false.

4.4 Latin Conditional

`\if@Latin`

`\if@Latin` inside any environment that uses Latin font is true and inside any environment that uses RTL font is false.



4.5 Tags Internal Macro

```
\@iftagsloaded{<tags name>}{<do thing(s) if the tag is loaded>}  
{<do thing(s) if the tag is not loaded>}
```

As you can see, the syntax of \@iftagsloaded is exactly the same as the syntax of \@ifpackageloaded and \@ifclassloaded. By tags, we mean things like leqno or reqno. Please note that in the argument <tags name>, the extension clo should not be given.

4.6 Definition File Loaded Internal Macro

```
\@ifdefinitionfileloaded{<definition file name>}  
{<do thing(s) if the definition file is loaded>}  
{<do thing(s) if the definition file is not loaded>}
```

As you can see, the syntax of \@ifdefinitionfileloaded is exactly the same as the syntax of \@ifpackageloaded and \@ifclassloaded. By definition file, we mean things like hyperref-bidi.def or wrapfig-bidi.def. Please note that in the argument <definition file name>, the extension def should not be given.

4.7 Tabular Conditional

```
\if@RTLtab
```

If the tabular is typeset RTL, \if@RTLtab is true and if the tabular is typeset LTR, \if@RTLtab is false.

4.8 Footnote Conditional

```
\if@RTL@footnote
```

When footnotes are typeset RTL, \if@RTL@footnote is true and when footnotes are typeset LTR, \if@RTL@footnote is false.

4.9 Direction Ensuring Macros

```
\@ensure@RTL{<text>} \@ensure@RL{<text>} \@ensure@LTR{<text>}  
\@ensure@LR{<text>} \@ensure@dir{<text>} \@ensure@maindir{<text>}
```

☞ \@ensure@RTL and \@ensure@RL internals make sure that <text> is always typeset RTL, independent on the current mode.

☞ \@ensure@LTR and \@ensure@LR internals make sure that <text> is always typeset LTR, independent on the current mode.



☞ `\@ensure@dir` and `\@ensure@maindir` if used in RTL mode, they put `<text>` inside `\RLE` and if used in LTR mode, they put the text as it is.

4.10 Reset Direction Macro

```
\save@dir \saved@@dir \reset@dir
```

☞ `\save@dir`, if the direction of typesetting is RTL, defines `\saved@@dir` to be RTL and if the direction of typesetting is LTR, defines `\saved@@dir` to be LTR.

☞ `\reset@dir`, if `\saved@@dir` is defined as RTL, inserts `\setRTL` otherwise, if `\saved@@dir` is defined as LTR, inserts `\setLTR`, otherwise does nothing.

Part II

Plain T_EX Manual

5 Basics

5.1 Loading The Package

You can load the package in the ordinary way;

```
\input bidi
```

When loading the package, it is important to know that: `bidi` should be the last package that you load, because otherwise you are certainly going to overwrite `bidi`'s definitions and consequently, you will not get the expected output.

5.2 Commands for Version number, and Date of The Package

```
\bidiversion \bididate
```

☞ `\bidiversion` gives the current version of the package.

☞ `\bididate` gives the current date of the package.

```
1 \input bidi
2 This is typeset by \textsf{bidi} package, \bidiversion, \bididate.
3 \end
```



5.3 Turning TeX--XeT features on and off

The bidirectional typesetting in XeTeX is based on TeX--XeT algorithm and bidi package automatically turns the feature on for typesetting bidirectional texts. As the internal data structures built by TeX--XeT differ from those built by TeX, the typesetting of a document by TeX--XeT may therefore differ from that performed by TeX. So you may notice that some packages behave differently when TeX--XeT feature is on and you may want to turn the feature off for a part of the text so that you get the default behaviour of original TeX. Two commands are provided for this purpose:

`\TeXXeTOn \TeXXeTOff`

☞ `\TeXXeTOn` turns TeX--XeT feature on, which is active by default when bidi package is loaded.

☞ `\TeXXeTOff` turns TeX--XeT feature off.

5.4 Paragraph Switching Commands

`\setLTR \setLR \unsetRL \unsetRTL
\setRTL \setRL \unsetLTR`

☞ With any of the commands in the first row, you can typeset LTR paragraphs.

☞ With any of the commands in the second row, you can typeset RTL paragraphs.

```
1 \input bidi
2 \setRTL%
3 Anyone who reads Old and Middle English literary texts will be
4 familiar with the mid-brown volumes of the EETS, with the symbol
5 of Alfred's jewel embossed on the front cover.
6
7 \setLTR% Notice the blank line before \setLTR
8 Anyone who reads Old and Middle English literary texts will be
9 familiar with the mid-brown volumes of the EETS, with the symbol
10 of Alfred's jewel embossed on the front cover.
11 \end
```

5.5 Paragraph Switching Environments

`\LTR <text> \endLTR
\RTL <text> \endRTL`

☞ With LTR environment, you can typeset LTR paragraphs.



☞ With RTL environment, you can typeset RTL paragraphs.

```
1 \input bidi
2 \RTL
3 Anyone who reads Old and Middle English literary texts will be familiar
4 with the mid-brown volumes of the EETS, with the symbol
5 of Alfred's jewel embossed on the front cover.
6 \LTR
7 Anyone who reads Old and Middle English literary texts will be familiar
8 with the mid-brown volumes of the EETS, with the symbol
9 of Alfred's jewel embossed on the front cover.
10 \endLTR
11 And we are still typesetting right to left.
12 \endRTL
13 \end
```

5.6 Typesetting Short LTR and RTL Texts

<code>\LRE{<text>}</code>	<code>\LR{<text>}</code>
<code>\RLE{<text>}</code>	<code>\RL{<text>}</code>

☞ With any of the commands in the first row, you can typeset short LTR text inside RTL paragraphs.

☞ With any of the commands in the second row, you can typeset short RTL text inside LTR paragraphs.

```
1 \input bidi
2 \RTL
3 Anyone who reads Old and Middle English \LRE{Short left to right text}
4 literary texts will be familiar
5 with the mid-brown volumes of the EETS, with the symbol
6 of Alfred's jewel embossed on the front cover.
7 \LTR
8 Anyone who reads Old and Middle English \RLE{Short right to left text}
9 literary texts will be familiar
10 with the mid-brown volumes of the EETS, with the symbol
11 of Alfred's jewel embossed on the front cover.
12 \endLTR
13 \endRTL
14 \end
```



5.7 Primitive-like commands

`\hboxR` `\hboxL` `\vboxR` `\vboxL`

- ☞ The syntax of `\hboxR` is exactly the same as the syntax of `\hbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\hboxL` is exactly the same as the syntax of `\hbox`, but its contents is always typeset LTR.
- ☞ The syntax of `\vboxR` is exactly the same as the syntax of `\vbox`, but its contents is always typeset RTL.
- ☞ The syntax of `\vboxL` is exactly the same as the syntax of `\vbox`, but its contents is always typeset LTR.

5.8 Something To know about `\hbox`

If you enable RTL typesetting and typeset an horizontal box at the beginning of the document:

```
1 \input bidi
2 \setRTL
3 \hbox{This is a Test}
4 \end
```

You see that even you have used `\setRTL`, the horizontal box appears LTR (It appears on the left hand side and its content is typeset left to right). This is because when \TeX starts, it is in the vertical mode so if you need to have that `\hbox` appear RTL, then write `\leavevmode` before `\hbox`:

```
1 \input bidi
2 \setRTL
3 \leavevmode\hbox{This is a Test}
4 \end
```

5.9 Typesetting Logos

`\XeTeX`

`bidi` defines \XeTeX logo and in addition, it makes sure that the logo, \TeX is typeset LTR.

6 Some Useful Internal Macros and Programming Tips

There are some useful internal macros and programming tips that might be helpful for you. This section, explains all these useful internals and programming tips.



6.1 RTL Conditional

`\if@RTL`

`\if@RTL` conditional is true inside RTL mode and it is false in LTR mode.

6.2 Main RTL Conditional

`\if@RTLmain`

If the main direction of the document is RTL, `\if@RTLmain` is true and if the main direction of the document is LTR, `\if@RTLmain` is false.

6.3 Direction Ensuring Macros

`\@ensure@RTL{<text>} \@ensure@RL{<text>} \@ensure@LTR{<text>}
\@ensure@LR{<text>} \@ensure@dir{<text>} \@ensure@maindir{<text>}`

- ☞ `\@ensure@RTL` and `\@ensure@RL` internals make sure that `<text>` is always typeset RTL, independent on the current mode.
- ☞ `\@ensure@LTR` and `\@ensure@LR` internals make sure that `<text>` is always typeset LTR, independent on the current mode.
- ☞ `\@ensure@dir` and `\@ensure@maindir` if used in RTL mode, they put `<text>` inside `\RLE` and if used in LTR mode, they put the text as it is.

6.4 Reset Direction Macro

`\save@dir \saved@@dir \reset@dir`

- ☞ `\save@dir`, if the direction of typesetting is RTL, defines `\saved@@dir` to be RTL and if the direction of typesetting is LTR, defines `\saved@@dir` to be LTR.
- ☞ `\reset@dir`, if `\saved@@dir` is defined as RTL, inserts `\setRTL` otherwise, if `\saved@@dir` is defined as LTR, inserts `\setLTR`, otherwise does nothing.

7 bidi implementation

7.1 amsart-xetex-bidi.def

```
1 \ProvidesFile{amsart-xetex-bidi.def}[2013/04/26 v0.8 bidi adaptations for amsart class for XeTeX]
2 \def\@tocline#1#2#3#4#5#6#7{\relax
3   \ifnum #1>\c@tocdepth % then omit
4   \else
5     \par \addpenalty\@secpenalty\addvspace{#2}%
6     \begingroup \hyphenpenalty\@M
```



```

7 \ifempty{#4}{%
8 \@tempdima\csname r@tocindent\number#1\endcsname\relax
9 }{%
10 \@tempdima#4\relax
11 }%
12 \parindent\z@ \if@RTL\rightrightskip\else\leftskip\fi#3\relax \advance\if@RTL\rightrightskip\else\leftskip\fi#3\relax
13 \if@RTL\leftskip\else\rightskip\fi\@pnumwidth plus4em \parfillskip-\@pnumwidth
14 #5\leavevmode\hskip-\@tempdima #6\nobreak\relax
15 \hfil\hbox to\@pnumwidth{\@tocpagenum{#7}}\par
16 \nobreak
17 \endgroup
18 \fi}
19 \renewcommand\thesubsection {\thesection\@SepMark\arabic{subsection}}
20 \renewcommand\thesubsubsection {\thesubsection \@SepMark\arabic{subsubsection}}
21 \renewcommand\theparagraph {\thesubsubsection\@SepMark\arabic{paragraph}}
22 \renewcommand\thesubparagraph {\theparagraph\@SepMark\arabic{subparagraph}}
23 \def\part{\@startsection{part}{0}%
24 \z@{\linespacing\@plus\linespacing}{.5\linespacing}%
25 {\normalfont\bfseries\if@RTL\raggedleft\else\raggedright\fi}}
26 \def\right@footnoterule{%
27 \hbox to \columnwidth
28 {\beginR \vbox{\kern-.4\p@
29 \hrule\@width 5pc\kern11\p@\kern-\footnotesep}\hfil\endR}}
30 \def\left@footnoterule{\kern-.4\p@
31 \hrule\@width 5pc\kern11\p@\kern-\footnotesep}
32
33
34 \long\def\@footnotetext#1{%
35 \insert\footins{%
36 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
37 \normalfont\footnotesize
38 \interlinepenalty\interfootnotelinepenalty
39 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
40 \floatingpenalty\@MM \hsize\columnwidth
41 \@parboxrestore \parindent\normalparindent \sloppy
42 \protected@edef\@currentlabel{%
43 \csname p@footnote\endcsname\@thefnmark}%
44 \@makefnmark{%
45 \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
46
47 \long\def\@RTLfootnotetext#1{%
48 \insert\footins{%
49 \@RTLtrue%
50 \normalfont\footnotesize
51 \interlinepenalty\interfootnotelinepenalty
52 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
53 \floatingpenalty\@MM \hsize\columnwidth
54 \@parboxrestore \parindent\normalparindent \sloppy
55 \protected@edef\@currentlabel{%
56 \csname p@footnote\endcsname\@thefnmark}%

```



```

57 \makefnintext{%
58 \rule{z@footnotesep}{\ignorespaces#1\unskip\strut\par}}
59
60
61
62 \long\def\@LTRfootnotetext#1{%
63 \insert\footins{%
64 \RTLfalse%
65 \normalfont\footnotesize
66 \interlinepenalty\interfootnotelinepenalty
67 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
68 \floatingpenalty\@MM \hsize\columnwidth
69 \@parboxrestore \parindent\normalparindent \sloppy
70 \protected@edef\@currentlabel{%
71 \csname p@footnote\endcsname\@thefnmark}%
72 \makefnintext{%
73 \rule{z@footnotesep}{\ignorespaces#1\unskip\strut\par}}}
74
75
76 \footdir@temp\footdir@ORG@bidi@amsart@footnotetext\@footnotetext{\bidi@footdir@footnote}%
77 \footdir@temp\footdir@ORG@bidi@amsart@RTLfootnotetext\@RTLfootnotetext{R}%
78 \footdir@temp\footdir@ORG@bidi@amsart@LTRfootnotetext\@LTRfootnotetext{L}%
79
80 \renewenvironment{thebibliography}[1]{%
81 \bibtitlestyle
82 \normalfont\bibliofont\labelsep .5em\relax
83 \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
84 \ifRTL\ifLTRbibitems\RTLfalse\else\fi\else\ifRTLbibitems\RTLtrue\else\fi\fi
85 \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
86 \leftmargin\labelwidth \advance\leftmargin\labelsep
87 \usecounter{enumiv}}%
88 \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
89 \sfcode\`.\@m
90 }{%
91 \def\@noitemerr{\@latex@warning{Empty 'thebibliography' environment}}%
92 \endlist
93 }
94 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
95 \columnseprule\z@ \columnsep 35\p@
96 \@indextitlestyle
97 \thispagestyle{plain}%
98 \let\item\@idxitem
99 \parindent\z@ \parskip\z@\@plus.3\p@\relax
100 \ifRTL\raggedleft\else\raggedright\fi
101 \hyphenpenalty\@M
102 \footnotesize}
103 \def\@idxitem{\par\hangindent \ifRTL-\fi2em}
104 \def\@subitem{\par\hangindent \ifRTL-\fi2em\hspace*{1em}}
105 \def\@subsubitem{\par\hangindent \ifRTL-\fi3em\hspace*{2em}}
106 \def\maketitle{\par

```



```

107 \@topnum\z@ % this prevents figures from falling at the top of page 1
108 \@setcopyright
109 \thispagestyle{firstpage}% this sets first page specifications
110 \uppercasenonmath\shorttitle
111 \ifx\@empty\shortauthors \let\shortauthors\shorttitle
112 \else \andify\shortauthors
113 \fi
114 \@maketitle@hook
115 \begingroup
116 \@maketitle
117 \toks@{\xp{\shortauthors}\@temptokena\xp{\shorttitle}}%
118 \toks4{\def\{\ \ignorespaces}}% defend against questionable usage
119 \edef\@tempa{%
120   \@nx\markboth{\the\toks4
121     \@nx\MakeUppercase{\the\toks@}}{\the\@temptokena}}%
122 \@tempa
123 \endgroup
124 \c@footnote\z@
125 \cleartopmattertags
126 }

```

7.2 amsbook-xetex-bidi.def

```

127 \ProvidesFile{amsbook-xetex-bidi.def}[2013/04/26 v0.9 bidi adaptations for amsbook class for XeT
128 \def\@tocline#1#2#3#4#5#6#7{\relax
129   \ifnum #1>\c@tocdepth % then omit
130   \else
131     \par \addpenalty\@secpenalty\addvspace{#2}%
132     \begingroup \hyphenpenalty\@M
133     \@ifempty{#4}{%
134       \@tempdima\csname r@tocindent\number#1\endcsname\relax
135     }{%
136       \@tempdima#4\relax
137     }%
138     \parindent\z@ \if@RTL\righskip\else\leftskip\fi#3\relax \advance\if@RTL\righskip\else\lef
139     \if@RTL\leftskip\else\righskip\fi\@pnumwidth plus4em \parfillskip-\@pnumwidth
140     #5\leavevmode\hskip-\@tempdima #6\nobreak\relax
141     \hfil\hbox to\@pnumwidth{\@tocpagenum{#7}}\par
142     \nobreak
143   \endgroup
144   \fi}
145 \renewcommand\thesubsection {\thesection\@SepMark\arabic{subsection}}
146 \renewcommand\thesubsubsection {\thesubsection \@SepMark\arabic{subsubsection}}
147 \renewcommand\theparagraph {\thesubsubsection\@SepMark\arabic{paragraph}}
148 \renewcommand\thesubparagraph {\theparagraph\@SepMark\arabic{subparagraph}}
149 \def\theindex{\@restonecoltrue\if@twocolumn\@restonecolfalse\fi
150   \columnseprule\z@ \columnsep 35\p@
151   \@indextitlestyle
152   \thispagestyle{plain}%
153   \let\item\idxitem

```



```

154 \parindent\z@ \parskip\z@\@plus.3\p@\relax
155 \if@RTL\raggedleft\else\raggedright\fi
156 \hyphenpenalty\@M
157 \footnotesize}
158 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
159 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
160 \def\subsubitem{\par\hangindent \if@RTL-\fi3em\hspace*{2em}}
161 \def\right@footnoterule{%
162 \hbox to \columnwidth
163 {\beginR \vbox{\kern-.4\p@
164 \hrule\@width 5pc\kern11\p@\kern-\footnotesep}\hfil\endR}}
165 \def\left@footnoterule{\kern-.4\p@
166 \hrule\@width 5pc\kern11\p@\kern-\footnotesep}
167
168 \long\def\@footnotetext#1{%
169 \insert\footins{%
170 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
171 \normalfont\footnotesize
172 \interlinepenalty\interfootnotelinepenalty
173 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
174 \floatingpenalty\@MM \hsize\columnwidth
175 \@parboxrestore \parindent\normalparindent \sloppy
176 \protected@edef\@currentlabel{%
177 \csname p@footnote\endcsname\@thefnmark}%
178 \@makefnintext{%
179 \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
180
181 \long\def\@RTLfootnotetext#1{%
182 \insert\footins{%
183 \@RTLtrue%
184 \normalfont\footnotesize
185 \interlinepenalty\interfootnotelinepenalty
186 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
187 \floatingpenalty\@MM \hsize\columnwidth
188 \@parboxrestore \parindent\normalparindent \sloppy
189 \protected@edef\@currentlabel{%
190 \csname p@footnote\endcsname\@thefnmark}%
191 \@makefnintext{%
192 \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
193
194
195 \long\def\@LTRfootnotetext#1{%
196 \insert\footins{%
197 \@RTLfalse%
198 \normalfont\footnotesize
199 \interlinepenalty\interfootnotelinepenalty
200 \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
201 \floatingpenalty\@MM \hsize\columnwidth
202 \@parboxrestore \parindent\normalparindent \sloppy
203 \protected@edef\@currentlabel{%

```




```

204 \csname p@footnote\endcsname\@thefnmark}%
205 \@makefnintext{%
206 \rule\z@\footnotesep\ignorespaces#1\unskip\strut\par}}
207
208
209
210 \footdir@temp\footdir@ORG@bidi@amsbook@footnotetext\@footnotetext{\bidi@footdir@footnote}%
211 \footdir@temp\footdir@ORG@bidi@amsbook@RTLfootnotetext\@RTLfootnotetext{R}%
212 \footdir@temp\footdir@ORG@bidi@amsbook@LTRfootnotetext\@LTRfootnotetext{L}%
213
214 \renewenvironment{thebibliography}[1]{%
215 \@bibtitlestyle
216 \normalfont\bibliofont\labelsep .5em\relax
217 \renewcommand\theenumiv{\arabic{enumiv}}\let\p@enumiv\@empty
218 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
219 \list{\@biblabel{\theenumiv}}{\settowidth\labelwidth{\@biblabel{#1}}%
220 \leftmargin\labelwidth \advance\leftmargin\labelsep
221 \usecounter{enumiv}}%
222 \sloppy \clubpenalty\@M \widowpenalty\clubpenalty
223 \sfcode\`.\@m
224 }{%
225 \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
226 \endlist
227 }
228 \def\@makechapterhead#1{\global\topskip 7.5pc\relax
229 \begingroup
230 \fontsize{\@xivpt}{18}\bfseries\centering
231 \ifnum\c@secnumdepth>\m@ne
232 \leavevmode \hskip-\if@RTL\righskip\else\leftskip\fi
233 \rlap{\vbox to\z@{\vss
234 \centerline{\normalsize\mdseries
235 \uppercase\exp{chaptername}\enspace thechapter}
236 \vskip 3pc}}\hskip\if@RTL\righskip\else\leftskip\fi\fi
237 #1\par \endgroup
238 \skip@34\p@ \advance\skip@-\normalbaselineskip
239 \vskip\skip@ }
240 \def\maketitle{\par
241 \@topnum\z@ % this prevents figures from falling at the top of page 1
242 \begingroup
243 \@maketitle
244 \endgroup
245 \c@footnote\z@
246 \def\do##1{\let##1\relax}%
247 \do\maketitle \do\@maketitle \do\title \do\@xtitle \do\@title
248 \do\author \do\@xauthor \do\address \do\@xaddress
249 \do\email \do\@xemail \do\curraddr \do\@xcurraddr
250 \do\dedicatory \do\@dedicatory \do\thanks \do\thankses
251 \do\keywords \do\@keywords \do\subjclass \do\@subjclass
252 }

```



7.3 amsmath-xetex-bidi.def

```
253 \ProvidesFile{amsmath-xetex-bidi.def}[2014/09/04 v0.9 bidi adaptations for amsmath package for XeTeX]
254 \let\veqno=\eqno
255 \iftagsleft@ \let\veqno=\leqno \fi
256 \renewcommand{\numberwithin}[3][\arabic]{%
257   \ifundefined{c@#2}{\@nocounterr{#2}}{%
258     \ifundefined{c@#3}{\@nocnterr{#3}}{%
259       \addtoreset{#2}{#3}%
260       \exp\xdef\csname the#2\endcsname{%
261         \@xp\@nx\csname the#3\endcsname \@nx\@SepMark\@nx#1{#2}}}%
262 }
263 \def\tagform@#1{\maketag@@@{\if@Latin\else\beginR\fi(\ignorespaces#1\unskip\@italiccorr)\if@
```

7.4 amstext-xetex-bidi.def

```
264 \ProvidesFile{amstext-xetex-bidi.def}[2013/04/04 v0.1 bidi adaptations for amstext package for XeTeX]
265 \def\textdef@#1#2#3{\hbox{%
266   \everymath{#1}%
267   \let\fontsize#2\selectfont
268   \if@Latin\else\beginR\fi#3\if@Latin\else\endR\fi}}}
```

7.5 amsthm-xetex-bidi.def

```
269 \ProvidesFile{amsthm-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for amsthm package for XeTeX]
270 \def\@thmcountersep{\@SepMark}
```

7.6 array-xetex-bidi.def

```
271 \ProvidesFile{array-xetex-bidi.def}[2010/08/01 v0.2b bidi adaptations for array package for XeTeX]
272 \def\@testpach{\@chclass
273   \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
274   \ifnum \@lastchclass=7 5 \else
275   \ifnum \@lastchclass=8 \tw@ \else
276   \ifnum \@lastchclass=9 \thr@@
277   \else \z@
278   \ifnum \@lastchclass = 10 \else
279   \edef\@nextchar{\expandafter\string\@nextchar}%
280   \@chnum
281   \if \@nextchar c\z@ \else
282   \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
283   \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
284   \z@ \@chclass
285   \if \@nextchar |\@ne \else
286   \if \@nextchar !6 \else
287   \if \@nextchar @7 \else
288   \if \@nextchar <8 \else
289   \if \@nextchar >9 \else
290   10
291   \@chnum
292   \if \@nextchar m\thr@@\else
293   \if \@nextchar p4 \else
```



```

294 \if \@nextchar b5 \else
295 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi
296 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
297 \def\@tabular{\if@RTL\@RTLtabtrue\fi%
298 \leavevmode
299 \hbox \bgroup\if@RTLtab\beginR \fi $\col@sep\tabcolsep \let\d@llarbegin\beginR
300 \let\d@llarend\endgroup
301 \@tabarray}
302 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup\@RTLtabfalse}
303 \expandafter\let\csname endtabular*\endcsname=\endtabular
304 \def\@array[#1]#2{%
305 \@tempdima \ht \strutbox
306 \advance \@tempdima by\extrarowheight
307 \setbox \@arstrutbox \hbox{\vrule
308 \height \arraystretch \@tempdima
309 \depth \arraystretch \dp \strutbox
310 \width \z@}%
311 \beginR
312 \@mkpream{#2}%
313 \xdef\@preamble{\noexpand \ialign \@halignto
314 \bgroup \@arstrut \@preamble
315 \tabskip \z@ \cr}%
316 \endgroup
317 \@arrayleft
318 \if #1t\top \else \if#1b\vbox \else \vcenter \fi \fi
319 \bgroup
320 \let \@sharp ##\let \protect \relax
321 \lineskip \z@
322 \baselineskip \z@
323 \m@th
324 \let\\\@arraycr \let\tabularnewline\\\let\par\empty \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup
325 \def\@tabarray{\@ifnextchar [{\@array}{\@array[c]}}
326 \def\endarray{\crrc \egroup\if@RTLtab\egroup\endR\egroup\fi \egroup \@arrayright \gdef\@preamble
327 \def\array{\col@sep\arraycolsep
328 \def\d@llarbegin{$}\let\d@llarend\d@llarbegin\gdef\@halignto{}}
329 \@RTLtabfalse\@tabarray}

```

7.7 article-xetex-bidi.def

```

330 \ProvidesFile{article-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for standard article class]
331 \if@titlepage
332 \renewcommand\maketitle{\begin{titlepage}%
333 \let\footnotesize\small
334 \let\right@footnoterule\relax
335 \let\left@footnoterule\relax
336 \let\textwidth\footnoterule\relax
337 \let \footnote \thanks
338 \let \LTRfootnote \LTRthanks
339 \let \RTLfootnote \RTLthanks
340 \null\vfil

```



```

341 \vskip 60\p@
342 \begin{center}%
343   {\LARGE \@title \par}%
344   \vskip 3em%
345   {\large
346     \lineskip .75em%
347     \begin{tabular}[t]{c}%
348       \@author
349     \end{tabular}\par}%
350   \vskip 1.5em%
351   {\large \@date \par}%           % Set date in \large size.
352 \end{center}\par
353 \@thanks
354 \vfil\null
355 \end{titlepage}%
356 \setcounter{footnote}{0}%
357 \global\let\thanks\relax
358 \global\let\LTRthanks\relax
359 \global\let\RTLthanks\relax
360 \global\let\maketitle\relax
361 \global\let\@thanks\@empty
362 \global\let\@author\@empty
363 \global\let\@date\@empty
364 \global\let\@title\@empty
365 \global\let\title\relax
366 \global\let\author\relax
367 \global\let\date\relax
368 \global\let\and\relax
369 }
370 \else
371 \renewcommand\maketitle{\par
372   \begingroup
373     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
374     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
375     \long\def\@makefntext##1{\parindent 1em\noindent
376       \hb@xt@1.8em{%
377         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
378     \if@twocolumn
379       \ifnum \col@number=\@ne
380         \@maketitle
381       \else
382         \twocolumn[\@maketitle]%
383       \fi
384     \else
385       \newpage
386       \global\@topnum\z@   % Prevents figures from going at top of page.
387       \@maketitle
388     \fi
389     \thispagestyle{plain}\@thanks
390   \endgroup

```



```

391 \setcounter{footnote}{0}%
392 \global\let\thanks\relax
393 \global\let\LTRthanks\relax
394 \global\let\RTLthanks\relax
395 \global\let\maketitle\relax
396 \global\let\@maketitle\relax
397 \global\let\@thanks\@empty
398 \global\let\@author\@empty
399 \global\let\@date\@empty
400 \global\let\@title\@empty
401 \global\let\title\relax
402 \global\let\author\relax
403 \global\let\date\relax
404 \global\let\and\relax
405 }
406 \def\@maketitle{%
407 \newpage
408 \null
409 \vskip 2em%
410 \begin{center}%
411 \let \footnote \thanks
412 \let \LTRfootnote \LTRthanks
413 \let \RTLfootnote \RTLthanks
414 {\LARGE \@title \par}%
415 \vskip 1.5em%
416 {\large
417 \lineskip .5em%
418 \begin{tabular}[t]{c}%
419 \@author
420 \end{tabular}\par}%
421 \vskip 1em%
422 {\large \@date}%
423 \end{center}%
424 \par
425 \vskip 1.5em}
426 \fi
427 \renewcommand*\l@part[2]{%
428 \ifnum \c@tocdepth >-2\relax
429 \addpenalty\@secpenalty
430 \addvspace{2.25em \@plus\p@}%
431 \setlength\@tempdima{3em}%
432 \begingroup
433 \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
434 \parfillskip -\@pnumwidth
435 {\leavevmode
436 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
437 \nobreak
438 \ifcompatibility
439 \global\@nobreaktrue
440 \everypar{\global\@nobreakfalse\everypar{}}%

```



```

441     \fi
442   \endgroup
443 \fi}
444 \renewcommand*\l@section[2]{%
445   \ifnum \c@tocdepth >\z@
446     \addpenalty\@secpenalty
447     \addvspace{1.0em \@plus\p@}%
448     \setlength\@tempdima{1.5em}%
449     \begingroup
450       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
451       \parfillskip -\@pnumwidth
452       \leavevmode \bfseries
453       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
454       \hskip -\if@RTL\rightskip\else\leftskip\fi
455       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
456     \endgroup
457 \fi}
458 \renewcommand\left@footnoterule{%
459   \kern-3\p@
460   \hrule\@width.4\columnwidth
461   \kern2.6\p@}
462 \renewcommand\right@footnoterule{%
463   \hbox to \columnwidth
464   {\beginR \vbox{%
465     \kern-3\p@
466     \hrule\@width.4\columnwidth
467     \kern2.6\p@}\hfil\endR}}
468 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
469 \renewcommand\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
470 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
471 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
472 \def\@part[#1]#2{%
473   \ifnum \c@secnumdepth >\m@ne
474     \refstepcounter{part}%
475     \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
476   \else
477     \addcontentsline{toc}{part}{#1}%
478   \fi
479   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
480     \interlinepenalty \@M
481     \normalfont
482     \ifnum \c@secnumdepth >\m@ne
483       \Large\bfseries \partname\nobreakspace\thepart
484       \par\nobreak
485     \fi
486     \huge \bfseries #2%
487     \markboth{}{}\par}%
488   \nobreak
489   \vskip 3ex
490   \@afterheading}

```



```

491 \renewenvironment{thebibliography}[1]
492     {\section*{\refname}%
493      \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
494      \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
495      \list{\@biblabel{\@arabic\c@enumiv}}%
496          {\settowidth\labelwidth{\@biblabel{#1}}%
497           \leftmargin\labelwidth
498           \advance\leftmargin\labelsep
499           \@openbib@code
500           \usecounter{enumiv}%
501           \let\p@enumiv\empty
502           \renewcommand\theenumiv{\@arabic\c@enumiv}}%
503      \sloppy
504      \clubpenalty4000
505      \@clubpenalty \clubpenalty
506      \widowpenalty4000%
507      \sfcode`. \m}
508      {\def\@noitemerr
509       {\@latex@warning{Empty `thebibliography' environment}}%
510       \endlist}
511 \renewenvironment{theindex}
512     {\if@twocolumn
513      \@restonecolfalse
514      \else
515      \@restonecoltrue
516      \fi
517      \columnseprule \z@
518      \columnsep 35\p@
519      \twocolumn[\section*{\indexname}]%
520      \mkboth{\MakeUppercase\indexname}%
521             {\MakeUppercase\indexname}%
522      \thispagestyle{plain}\parindent\z@
523      \parskip\z@ \@plus .3\p@\relax
524      \let\item\@idxitem}
525     {\if@restonecol\onecolumn\else\clearpage\fi}

```

7.8 artikel1-xetex-bidi.def

```

526 \ProvidesFile{artikel1-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for artikel1 class for X
527 \renewenvironment{theindex}{%
528     \if@twocolumn
529     \@restonecolfalse
530     \else
531     \@restonecoltrue
532     \fi
533     \columnseprule \z@
534     \columnsep 35\p@
535     \twocolumn[\section*{\indexname}]%
536     \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
537     \thispagestyle{plain}\parindent\z@

```



```

538 \parskip\z@ \@plus .3\p@\relax
539 \let\item\idxitem
540 }{%
541 \if@restonecol\onecolumn\else\clearpage\fi}
542 \renewcommand*\head@style{%
543 \interlinepenalty \@M
544 \hyphenpenalty=\@M \exhyphenpenalty=\@M
545 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
546 \if@titlepage
547 \renewenvironment{abstract}{%
548 \titlepage
549 \null\vfil
550 \section*{\SectFont\abstractname}
551 \noindent\ignorespaces}
552 {\par\vfil\null\endtitlepage}
553 \else
554 \renewenvironment{abstract}{%
555 \if@twocolumn
556 \section*{\abstractname}%
557 \else
558 \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
559 \section*{\small\SectFont\abstractname}%
560 \noindent\ignorespaces
561 \fi}
562 {\if@twocolumn\else\par\egroup\fi}
563 \fi
564 \renewcommand*\@regtocline[3]{%
565 \ifnum #1>\c@tocdepth
566 \else
567 \vskip\z@ \@plus .2\p@
568 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
569 \if@RTL\rightskip\else\leftskip\fi\unitindent
570 \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
571 \parfillskip\z@
572 \@tempdima\unitindent
573 \parindent\z@
574 \leavevmode
575 \hbox{} \hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
576 \hskip 1em \nobreak{\slshape #3}\par
577 }%
578 \fi}
579 \if@oldtoc
580 \renewcommand*\l@part[2]{%
581 \ifnum \c@tocdepth >-2\relax
582 \addpenalty\@secpenalty
583 \addvspace{2.25em \@plus\p@}%
584 \begingroup
585 \setlength\@tempdima{3em}%
586 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
587 \parfillskip -\@pnumwidth

```




```

588      {\leavevmode
589        \large \bfseries #1\hfil \hb@xt@{\pnumwidth{\hss #2}}\par
590        \nobreak
591        \if@compatibility
592          \global\@nobreaktrue
593          \everypar{\global\@nobreakfalse\everypar{}}%
594        \fi
595      \endgroup
596    \fi}
597  \else
598    \renewcommand*\l@part{%
599      \ifnum \c@tocdepth >-2\relax
600        \addpenalty\@secpenalty
601        \addvspace{2.25em \@plus \p@}%
602        \@regtocline{0}%
603      \fi}
604  \fi
605  \if@oldtoc
606    \renewcommand*\l@section[2]{%
607      \addpenalty\@secpenalty
608      \addvspace{1.0em \@plus \p@}%
609      \setlength\@tempdima{1.5em}%
610      \begingroup
611        \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \pnumwidth
612        \parfillskip -\pnumwidth
613        \leavevmode \bfseries
614        \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
615        \hskip -\if@RTL\rightskip\else\leftskip\fi
616        #1\nobreak\hfil \nobreak\hb@xt@{\pnumwidth{\hss #2}}\par
617      \endgroup}
618  \else
619    \renewcommand*\l@section{\@regtocline{1}}
620  \fi
621  \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
622  \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
623  \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
624  \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
625  \renewenvironment{thebibliography}[1]
626    {\section*{\refname}%
627     \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
628     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
629     \list{\@biblabel{\@arabic\c@enumiv}}%
630       {\settowidth\labelwidth{\@biblabel{#1}}%
631        \leftmargin\labelwidth
632        \advance\leftmargin\labelsep
633        \@openbib@code
634        \usecounter{enumiv}%
635        \let\p@enumiv\@empty
636        \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
637    \sloppy\clubpenalty4000\widowpenalty4000

```



```

638     \sfcode`.\.\@m}
639     {\def\@noitemerr
640      {\@latex@warning{Empty `thebibliography' environment}}}%
641     \endlist}
642 \renewcommand*\left@footnoterule{%
643   \kern-3\p@
644   \kern.5\baselineskip
645   \hrule\@width\unitindent
646   \kern.4\baselineskip
647 }
648 \renewcommand*\right@footnoterule{%
649   \hbox to \columnwidth
650   {\beginR \vbox{%
651     \kern-3\p@
652     \kern.5\baselineskip
653     \hrule\@width\unitindent
654     \kern.4\baselineskip}\hfil\endR}
655 }
656 \if@titlepage
657 \renewcommand*\TitleFont{\rmfamily}
658 \renewcommand*\maketitle{%
659   \begin{titlepage}%
660     \let\footnotesize\small
661     \let\right@footnoterule\relax
662     \let\left@footnoterule\relax
663     \let\textwidth\footnoterule\relax
664     \let \footnote \thanks
665     \long\def\@makefnmark##1{\parindent\z@
666       \def\labelitemi{\textendash}\@revlabeltrue
667       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
668     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
669     \if@compatibility\setcounter{page}{0}\fi
670     \null\vfil
671     \vskip 60\p@
672     \begin{center}%
673       \TitleFont
674       {\LARGE \def\\{\penalty -\@M}
675         \if@allcaps
676           \expandafter\uc@nothanks\@title\thanks\relax
677         \else
678           \@title
679         \fi\par}%
680     \vskip 3em%
681     {\large
682       \lineskip .75em \parindent\z@
683       \begin{tabular}[t]{c}%
684         \if@allcaps
685           \expandafter\uc@author\nothanks\@author\and\relax
686         \else
687           \@author

```



```

688         \fi
689         \end{tabular}\par}%
690     \vskip 1.5em%
691     {\large
692     \if@allcaps
693         \uppercase\expandafter{\@date}%
694     \else
695         \@date
696     \fi\par}%
697     \end{center}\par
698     \@thanks
699     \vfil\null
700 \end{titlepage}%
701 \setcounter{footnote}{0}%
702 \global\let\thanks\relax
703 \global\let\maketitle\relax
704 \global\let\@thanks\@empty
705 \global\let\@author\@empty
706 \global\let\@title\@empty
707 \global\let\@date\@empty
708 \global\let\title\relax
709 \global\let\author\relax
710 \global\let\date\relax
711 \global\let\and\relax
712 }
713 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
714 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
715     \futurelet\@tempa\uc@ax}
716 \def\uc@ax{%
717     \ifx\@tempa\relax
718     \else
719         \andname \ \ \expandafter\uc@authornothanks
720     \fi}
721 \def\uc@tx{\ifx\@tempa\relax
722     \else \expandafter\uc@ty \fi}
723 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
724 \else
725 \renewcommand*\maketitle{\par
726     \begin{group
727         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
728         \def\@makefnmark{\rlap{%
729             \@textsuperscript{\normalfont\@thefnmark}}}%
730         \long\def\@makefntext{\@xmakefntext{%
731             \@textsuperscript{\normalfont\@thefnmark}}}%
732         \if@twocolumn
733             \ifnum \col@number=\@ne
734                 \@maketitle
735             \else
736                 \twocolumn[\@maketitle]%
737         \fi

```



```

738 \else
739 \newpage
740 \global\@topnum\z@
741 \@maketitle
742 \fi
743 \thispagestyle{plain}\@thanks
744 \endgroup
745 \setcounter{footnote}{0}%
746 \global\let\thanks\relax
747 \global\let\maketitle\relax
748 \global\let\@maketitle\relax
749 \global\let\@thanks\@empty
750 \global\let\@author\@empty
751 \global\let\@title\@empty
752 \global\let\@date\@empty
753 \global\let\title\relax
754 \global\let\author\relax
755 \global\let\date\relax
756 \global\let\and\relax
757 }
758 \def\@maketitle{%
759 \newpage
760 \null
761 \vskip 2em%
762 \begin{center}%
763 \let \footnote \thanks
764 {\LARGE \TitleFont \@title \par}%
765 \vskip 1.5em%
766 {\large \TitleFont
767 \lineskip .5em%
768 \begin{tabular}[t]{c}%
769 \@author
770 \end{tabular}\par}%
771 \vskip 1em%
772 {\large \TitleFont \@date}%
773 \end{center}%
774 \par
775 \vskip 1.5em}
776 \fi

```

7.9 artikel2-xetex-bidi.def

```

777 \ProvidesFile{artikel2-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for artikel2 class for X
778 \renewenvironment{theindex}{%
779 \if@twocolumn
780 \@restonecolfalse
781 \else
782 \@restonecoltrue
783 \fi
784 \columnseprule \z@

```



```

785 \columnsep 35\p@
786 \twocolumn[\section*{\indexname}]{%
787 \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
788 \thispagestyle{plain}\parindent\z@
789 \parskip\z@ \@plus .3\p@\relax
790 \let\item\@idxitem
791 }{%
792 \if@restonecol\onecolumn\else\clearpage\fi}
793 \renewcommand*\@regtocline[3]{%
794 \ifnum #1>\c@tocdepth
795 \else
796 \vskip\z@ \@plus .2\p@
797 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
798 \if@RTL\righskip\else\leftskip\fi\unitindent
799 \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil
800 \parfillskip\z@
801 \@tempdima\unitindent
802 \advance\@tempdima by \othermargin
803 \parindent\z@
804 \leavevmode
805 \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
806 \hskip 1em \nobreak{\slshape #3}\par
807 }%
808 \fi}
809 \if@oldtoc
810 \renewcommand*\l@section[2]{%
811 \addpenalty\@secpenalty
812 \addvspace{1.0em \@plus\p@}%
813 \setlength\@tempdima{1.5em}%
814 \begingroup
815 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
816 \parfillskip -\@pnumwidth
817 \leavevmode \bfseries
818 \advance\if@RTL\righskip\else\leftskip\fi\@tempdima
819 \hskip -\if@RTL\righskip\else\leftskip\fi
820 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
821 \endgroup}
822 \else
823 \renewcommand*\l@section{\@regtocline{1}}
824 \fi
825 \if@oldtoc
826 \renewcommand*\l@part[2]{%
827 \ifnum \c@tocdepth >-2\relax
828 \addpenalty\@secpenalty
829 \addvspace{2.25em \@plus\p@}%
830 \begingroup
831 \setlength\@tempdima{3em}%
832 \parindent \z@ \if@RTL\leftskip\else\righskip\fi \@pnumwidth
833 \parfillskip -\@pnumwidth
834 {\leavevmode

```



```

835         \large \bfseries #1\hfil \hb@xt@{\pnumwidth{\hss #2}}\par
836         \nobreak
837         \ifcompatibility
838         \global\@nobreaktrue
839         \everypar{\global\@nobreakfalse\everypar{}}%
840     \fi
841 \endgroup
842 \fi}
843 \else
844     \renewcommand*\l@part{%
845         \ifnum \c@tocdepth >-2\relax
846         \addpenalty\@secpenalty
847         \addvspace{2.25em \@plus \p@}%
848         \@regtocline{0}%
849     \fi}
850 \fi
851 \renewcommand*\head@style{%
852     \interlinepenalty \@M
853     \hyphenpenalty=\@M \exhyphenpenalty=\@M
854     \ifRTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
855 \if@titlepage
856     \renewenvironment{abstract}{%
857         \titlepage
858         \null\vfil
859         \section*{\SectFont\abstractname}%
860         \noindent\ignorespaces}
861     {\par\vfil\null\endtitlepage}
862 \else
863     \renewenvironment{abstract}{%
864         \if@twocolumn
865         \section*{\abstractname}%
866         \else
867         \section*{\hskip\unitindent\small\SectFont\abstractname}%
868         \list{}{\setlength\listparindent{\unitindent}%
869             \setlength\parindent {\z@}%
870             \setlength\leftmargin {\unitindent}%
871             \setlength\rightmargin {\unitindent}%
872             \setlength\parsep {\z@}}%
873         \item[]%
874     \fi}
875     {\if@twocolumn\else\par\endlist\fi}
876 \fi
877 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
878 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
879 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
880 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
881 \renewcommand*\left@footnoterule{%
882     \kern-3\p@
883     \hrule\@width 3\unitindent
884     \kern 2.6\p@

```



```

885 }
886 \renewcommand*\right@footnoterule{%
887   \hbox to \columnwidth
888   {\beginR \vbox{%
889     \kern-3\p@
890     \hrule\@width 3\unitindent
891     \kern 2.6\p@}\hfil\endR}
892 }
893 \renewenvironment{thebibliography}[1]
894   {\section*{\refname}%
895    \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
896    \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
897    \list{\@biblabel{\@arabic\c@enumiv}}%
898      {\settowidth\labelwidth{\@biblabel{#1}}%
899       \leftmargin\labelwidth
900       \advance\leftmargin\labelsep
901       \@openbib@code
902       \usecounter{enumiv}%
903       \let\p@enumiv\@empty
904       \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
905    \sloppy\clubpenalty4000\widowpenalty4000%
906    \sfcode`\.\@m}
907    {\def\@noitemerr
908     {\@latex@warning{Empty `thebibliography' environment}}%
909     \endlist}
910 \if@titlepage
911 \renewcommand*\TitleFont{\rmfamily}
912 \renewcommand*\maketitle{%
913   \begin{titlepage}%
914     \let\footnotesize\small
915     \let\right@footnoterule\relax
916     \let\left@footnoterule\relax
917     \let\textwidth\footnoterule\relax
918     \let\footnote\thanks
919     \long\def\@makefnmark##1{\parindent\z@
920      \def\labelitemi{\textendash}\@revlabeltrue
921      \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
922     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
923     \if@compatibility\setcounter{page}{0}\fi
924     \null\vfil
925     \vskip 60\p@
926     \begin{center}%
927       \TitleFont
928       {\LARGE \def\\{\penalty -\@M}
929        \if@allcaps
930          \expandafter\uc@nothanks\@title\thanks\relax
931        \else
932          \@title
933          \fi\par}%
934     \vskip 3em%

```



```

935     {\large
936       \lineskip .75em \parindent\z@
937       \begin{tabular}[t]{c}%
938         \if@allcaps
939           \expandafter\uc@authornothanks\@author\and\relax
940         \else
941           \@author
942         \fi
943       \end{tabular}\par}%
944     \vskip 1.5em%
945     {\large
946       \if@allcaps
947         \uppercase\expandafter{\@date}%
948       \else
949         \@date
950       \fi\par}%
951     \end{center}\par
952     \@thanks
953     \vfil\null
954   \end{titlepage}%
955   \setcounter{footnote}{0}%
956   \global\let\thanks\relax
957   \global\let\maketitle\relax
958   \global\let\@thanks\@empty
959   \global\let\@author\@empty
960   \global\let\@title\@empty
961   \global\let\@date\@empty
962   \global\let\title\relax
963   \global\let\author\relax
964   \global\let\date\relax
965   \global\let\and\relax
966 }
967 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
968 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
969   \futurelet\@tempa\uc@ax}
970 \def\uc@ax{%
971   \ifx\@tempa\relax
972     \else
973     \\\ \andname \\\ \expandafter\uc@authornothanks
974   \fi}
975 \def\uc@tx{\ifx\@tempa\relax
976   \else \expandafter\uc@ty \fi}
977 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
978 \else
979 \renewcommand*\maketitle{\par
980   \begingroup
981     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
982     \long\def\@makefnctext##1{\parindent\z@
983       \def\labelitemi{\textendash}%
984       \leavevmode\hb@xt@.5\unitindent{%
```




```

985      \@textsuperscript{\normalfont\@thefnmark}\hfil}##1}
986      \if@twocolumn
987        \ifnum \col@number=\@ne
988          \@maketitle
989        \else
990          \twocolumn[\@maketitle]%
991        \fi
992      \else
993        \newpage
994        \global\@topnum\z@
995        \@maketitle
996      \fi
997      \thispagestyle{plain}\@thanks
998    \endgroup
999    \setcounter{footnote}{0}%
1000    \global\let\thanks\relax
1001    \global\let\maketitle\relax
1002    \global\let\@maketitle\relax
1003    \global\let\@thanks\@empty
1004    \global\let\@author\@empty
1005    \global\let\@title\@empty
1006    \global\let\@date\@empty
1007    \global\let\title\relax
1008    \global\let\author\relax
1009    \global\let\date\relax
1010    \global\let\and\relax
1011  }
1012  \def\@maketitle{%
1013    \newpage
1014    \null
1015    \vskip 2em%
1016    \begin{center}%
1017      \let \footnote \thanks
1018      {\LARGE \TitleFont \@title \par}%
1019      \vskip 1.5em%
1020      {\large \TitleFont
1021        \lineskip .5em%
1022        \begin{tabular}[t]{c}%
1023          \@author
1024        \end{tabular}\par}%
1025      \vskip 1em%
1026      {\large \TitleFont \@date}%
1027    \end{center}%
1028    \par
1029    \vskip 1.5em}
1030  \fi

```

7.10 artikel3-xetex-bidi.def

```

1031 \ProvidesFile{artikel3-xetex-bidi.def}[2011/08/26 v0.3 bidi adaptations for artikel3 class for X

```



```

1032 \renewenvironment{theindex}{%
1033   \if@twocolumn
1034     \@restonecolfalse
1035   \else
1036     \@restonecoltrue
1037   \fi
1038   \columnseprule \z@
1039   \columnsep 35\p@
1040   \twocolumn[\section*{\indexname}]{%
1041     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
1042   \thispagestyle{plain}\parindent\z@
1043   \parskip\z@ \@plus .3\p@\relax
1044   \let\item\@idxitem
1045   }{%
1046   \if@restonecol\onecolumn\else\clearpage\fi}
1047 \renewcommand*{\head@style}{%
1048   \interlinepenalty \@M
1049   \hyphenpenalty=\@M \exhyphenpenalty=\@M
1050   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
1051 \renewcommand*{\regtocline}[3]{%
1052   \ifnum #1>\c@tocdepth
1053   \else
1054     \vskip\z@ \@plus.2\p@
1055     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
1056     \if@RTL\rightskip\else\leftskip\fi\unitindent
1057     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
1058     \parfillskip\z@
1059     \@tempdima\unitindent
1060     \parindent\z@
1061     \leavevmode
1062     \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
1063     \hskip 1em \nobreak{\slshape #3}\par
1064   }%
1065   \fi}
1066 \if@oldtoc
1067 \renewcommand*{\l@part}[2]{%
1068   \ifnum \c@tocdepth >-2\relax
1069     \addpenalty\@secpenalty
1070     \addvspace{2.25em \@plus\p@}%
1071     \begingroup
1072       \setlength\@tempdima{3em}%
1073       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
1074       \parfillskip -\@pnumwidth
1075       {\leavevmode
1076         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
1077       \nobreak
1078       \if@compatibility
1079         \global\@nobreaktrue
1080         \everypar{\global\@nobreakfalse\everypar{}}%
1081       \fi

```



```

1082 \endgroup
1083 \fi}
1084 \else
1085 \renewcommand*\l@part{%
1086 \ifnum \c@tocdepth >-2\relax
1087 \addpenalty\@secpenalty
1088 \addvspace{2.25em \@plus \p@}%
1089 \@regtocline{0}%
1090 \fi}
1091 \fi
1092
1093 \if@oldtoc
1094 \renewcommand*\l@section[2]{%
1095 \addpenalty\@secpenalty
1096 \addvspace{1.0em \@plus \p@}%
1097 \setlength\@tempdima{1.5em}%
1098 \begingroup
1099 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
1100 \parfillskip -\@pnumwidth
1101 \leavevmode \bfseries
1102 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
1103 \hskip -\if@RTL\rightskip\else\leftskip\fi
1104 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
1105 \endgroup}
1106 \else
1107 \renewcommand*\l@section{\@regtocline{1}}
1108 \fi
1109 \if@titlepage
1110 \renewenvironment{abstract}{%
1111 \titlepage
1112 \null\vfil
1113 \section*{\SectFont\abstractname}%
1114 \noindent\ignorespaces}
1115 {\par\vfil\null\endtitlepage}
1116 \else
1117 \renewenvironment{abstract}{%
1118 \if@twocolumn
1119 \section*{\abstractname}%
1120 \else
1121 \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
1122 \section*{\small\SectFont\abstractname}%
1123 \noindent\ignorespaces
1124 \fi}
1125 {\if@twocolumn\else\par\egroup\fi}
1126 \fi
1127 \renewcommand*\left@footnoterule{%
1128 \kern-3\p@
1129 \kern.5\baselineskip
1130 \hrule\@width\unitindent
1131 \kern.4\baselineskip

```



```

1132 }
1133 \renewcommand*\right@footnoterule{%
1134   \hbox to \columnwidth
1135   {\beginR \vbox{%
1136     \kern-3\p@
1137     \kern.5\baselineskip
1138     \hrule\@width\unitindent
1139     \kern.4\baselineskip}\hfil\endR}
1140 }
1141 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@section}
1142 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
1143 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
1144 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
1145 \renewenvironment{thebibliography}[1]
1146   {\section*\refname}%
1147   \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
1148   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
1149   \list{\@biblabel{\@arabic\c@enumiv}}%
1150     {\settowidth\labelwidth{\@biblabel{#1}}%
1151      \leftmargin\labelwidth
1152      \advance\leftmargin\labelsep
1153      \@openbib@code
1154      \usecounter{enumiv}%
1155      \let\p@enumiv\@empty
1156      \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
1157   \sloppy\clubpenalty4000\widowpenalty4000
1158   \sfcode`. \@M}
1159   {\def\@noitemerr
1160     {\@latex@warning{Empty `thebibliography' environment}}%
1161     \endlist}
1162 \if@titlepage
1163 \renewcommand*\TitleFont{\rmfamily}
1164 \renewcommand*\maketitle{%
1165   \begin{titlepage}%
1166     \let\footnotesize\small
1167     \let\right@footnoterule\relax
1168     \let\left@footnoterule\relax
1169     \let\textwidth\footnoterule\relax
1170     \let\footnote\thanks
1171     \long\def\@makefnmark{\parindent\z@
1172       \def\labelitemi{\textendash}\@revlabeltrue
1173       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
1174     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
1175     \if@compatibility\setcounter{page}{0}\fi
1176     \null\vfil
1177     \vskip 60\p@
1178     \begin{center}%
1179       \TitleFont
1180       {\LARGE \def\\{\penalty -\@M}
1181         \if@allcaps

```



```

1182         \expandafter\uc@nothanks\@title\thanks\relax
1183     \else
1184         \@title
1185     \fi\par}%
1186 \vskip 3em%
1187 {\large
1188 \lineskip .75em \parindent\z@
1189 \begin{tabular}[t]{c}%
1190     \if@allcaps
1191         \expandafter\uc@authornothanks\@author\and\relax
1192     \else
1193         \@author
1194     \fi
1195 \end{tabular}\par}%
1196 \vskip 1.5em%
1197 {\large
1198     \if@allcaps
1199         \uppercase\expandafter{\@date}%
1200     \else
1201         \@date
1202     \fi\par}%
1203 \end{center}\par
1204 \@thanks
1205 \vfil\null
1206 \end{titlepage}%
1207 \setcounter{footnote}{0}%
1208 \global\let\thanks\relax
1209 \global\let\maketitle\relax
1210 \global\let\@thanks\@empty
1211 \global\let\@author\@empty
1212 \global\let\@title\@empty
1213 \global\let\@date\@empty
1214 \global\let\title\relax
1215 \global\let\author\relax
1216 \global\let\date\relax
1217 \global\let\and\relax
1218 }
1219 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
1220 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
1221     \futurelet\@tempa\uc@ax}
1222 \def\uc@ax{%
1223     \ifx\@tempa\relax
1224     \else
1225         \\\andname \\\expandafter\uc@authornothanks
1226     \fi}
1227 \def\uc@tx{\ifx\@tempa\relax
1228     \else \expandafter\uc@ty \fi}
1229 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
1230 \else
1231 \renewcommand*\maketitle{\par

```



```

1232 \beginngroup
1233 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
1234 \def\@makefnmark{\rlap{%
1235   \@textsuperscript{\normalfont\@thefnmark}}}%
1236 \long\def\@makefntext{\@xmakefntext{%
1237   \@textsuperscript{\normalfont\@thefnmark}}}%
1238 \if@twocolumn
1239   \ifnum \col@number=\@ne
1240     \@maketitle
1241   \else
1242     \twocolumn[\@maketitle]%
1243   \fi
1244 \else
1245   \newpage
1246   \global\@topnum\z@
1247   \@maketitle
1248 \fi
1249 \thispagestyle{plain}\@thanks
1250 \endgroup
1251 \setcounter{footnote}{0}%
1252 \global\let\thanks\relax
1253 \global\let\maketitle\relax
1254 \global\let\@maketitle\relax
1255 \global\let\@thanks\@empty
1256 \global\let\@author\@empty
1257 \global\let\@title\@empty
1258 \global\let\@date\@empty
1259 \global\let\title\relax
1260 \global\let\author\relax
1261 \global\let\date\relax
1262 \global\let\and\relax
1263 }
1264 \def\@maketitle{%
1265   \newpage
1266   \null
1267   \vskip 2em%
1268   \if@titlecentered
1269     \begin{center}%
1270       \let \footnote \thanks
1271       {\LARGE \TitleFont \@title \par}%
1272       \vskip 1.5em%
1273       {\large \TitleFont
1274         \lineskip .5em%
1275         \begin{tabular}[t]{c}%
1276           \@author
1277         \end{tabular}\par}%
1278       \vskip 1em%
1279       {\large \TitleFont \@date}%
1280     \end{center}%
1281   \else

```



```

1282     {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
1283     {\large \TitleFont \lineskip .5em \tabcolsep\z@
1284       \def\and{%% \begin{tabular} has already started
1285         \end{tabular}\hskip 1em plus .17fil
1286         \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}%% \end{tabular} will
1287         \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}\par}
1288       \vskip 1em {\large \TitleFont \@date}
1289 \fi
1290 \par
1291 \vskip 1.5em}
1292 \fi

```

7.11 arydshln-xetex-bidi.def

```

1293 \ProvidesFile{arydshln-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for arydshln package for
1294 \def\endarray{\adl@endarray \egroup \adl@arrayrestore \if@RTLtab\egroup\endR\egroup\fi\egroup}
1295 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup\@RTLtabfalse}
1296 \expandafter\let\csname endtabular*\endcsname\endtabular
1297 \let\adl@array\@array
1298 \def\@array{\adl@everyvbox\everyvbox
1299   \everyvbox{\adl@arrayinit \the\adl@everyvbox \everyvbox\adl@everyvbox}%
1300   \ifadl@inactive \adl@inactivate \else \adl@activate \fi
1301   \let\adl@noalign\noalign
1302   \adl@array}
1303 \ifadl@usingarypkg
1304 \def\@testpach{\@chclass
1305   \ifnum \@lastchclass=6 \one \@chnum \one \else
1306   \ifnum \@lastchclass=7 5 \else
1307   \ifnum \@lastchclass=8 \tw@ \else
1308   \ifnum \@lastchclass=9 \thr@@
1309   \else \z@
1310   \ifnum \@lastchclass = 10 \else
1311   \edef\@nextchar{\expandafter\string\@nextchar}%
1312   \@chnum
1313   \if \@nextchar c\z@ \else
1314   \if \@nextchar \if@RTLtab r\else l\fi\one \else
1315   \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
1316   \z@ \@chclass
1317   \if \@nextchar |\@one \let\@arrayrule\adl@arrayrule \else
1318   \if \@nextchar : \@one \let\@arrayrule\adl@arraydashrule \else
1319   \if \@nextchar ; \@one \let\@arrayrule\adl@argarraydashrule \else
1320   \if \@nextchar !6 \else
1321   \if \@nextchar @7 \else
1322   \if \@nextchar <8 \else
1323   \if \@nextchar >9 \else
1324   10
1325   \@chnum
1326   \if \@nextchar m\thr@@\else
1327   \if \@nextchar p4 \else
1328   \if \@nextchar b5 \else

```



```

1329 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi
1330 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}
1331
1332 \def\@classz{\@classx
1333 \@tempcnta \count@
1334 \prepnext@tok
1335 \@addtopreamble{\ifcase \@chnum
1336 \hfil
1337 \adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1338 \hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\hfil \or
1339 \hfil\hskip1sp\adl@putlrc{\d@llarbegin \insert@column \d@llarend}\or
1340 \setbox\adl@box\hbox \adl@startmbox{\@nextchar}\insert@column
1341 \adl@endmbox\or
1342 \setbox\adl@box\vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
1343 \setbox\adl@box\vbox \@startpbox{\@nextchar}\insert@column \@endpbox
1344 \fi}\prepnext@tok}
1345 \def\adl@class@start{4}
1346 \def\adl@class@iiiorvii{7}
1347
1348 \else
1349 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4\relax \else
1350 \ifnum \@lastchclass=\thr@@ 5\relax \else
1351 \z@ \if #1c\@chnum \z@ \else
1352 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
1353 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
1354 \@chclass
1355 \if #1|\@ne \let\@arrayrule\adl@arrayrule \else
1356 \if #1:\@ne \let\@arrayrule\adl@arraydashrule \else
1357 \if #1;\@ne \let\@arrayrule\adl@argarraydashrule \else
1358 \if #1@\tw@ \else
1359 \if #1p\thr@@ \else \z@ \@preamerr 0\fi
1360 \fi \fi \fi \fi \fi \fi \fi \fi \fi}
1361
1362 \def\@arrayclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1363 \or \or \@addamp \or
1364 \@acolampacol \or \@firstampfalse \@acol \fi
1365 \edef\@preamble{\@preamble
1366 \ifcase \@chnum
1367 \hfil\adl@putlrc{\$ \relax \@sharp$}\hfil
1368 \or \adl@putlrc{\$ \relax \@sharp$}\hfil
1369 \or \hfil\adl@putlrc{\$ \relax \@sharp$}\fi}}
1370 \def\@tabclassz{\ifcase \@lastchclass \@acolampacol \or \@ampacol \or
1371 \or \or \@addamp \or
1372 \@acolampacol \or \@firstampfalse \@acol \fi
1373 \edef\@preamble{\@preamble
1374 \ifcase \@chnum
1375 \hfil\adl@putlrc{\@sharp\unskip}\hfil
1376 \or \adl@putlrc{\@sharp\unskip}\hfil
1377 \or \hfil\hskip\z@ \adl@putlrc{\@sharp\unskip}\fi}}
1378 \def\adl@class@start{6}

```




```

1379 \def\adl@class@iiiorvii{3}
1380 \fi
1381 \ifpackageloaded{colortbl}{%
1382 \def\adl@inactivate{\adl@org@inactivate \let\CT@setup\adl@CT@setup}
1383 \def\adl@activate{\adl@org@activate \let\CT@setup\adl@act@CT@setup
1384 \let\@endpbox\adl@org@endpbox}
1385 \let\adl@CT@setup\CT@setup
1386 \def\CT@setup{\adl@CT@setup
1387 \@tempdima\ht\z@ \advance\@tempdima\minrowclearance
1388 \ifdim\adl@height<\@tempdima \global\adl@height\@tempdima \fi
1389 \ifdim\adl@depth<\dp\z@ \global\adl@depth\dp\z@\fi}
1390 \let\adl@act@CT@setup\CT@setup
1391 \def\@classz{\@classx
1392 \@tempcnta\count@ \prepnext@tok
1393 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
1394 \expandafter\adl@extract@arc\the\toks\@tempcnta\arrayrulecolor!\@nil
1395 \expandafter\adl@extract@drsc
1396 \the\toks\@tempcnta\doublerulesepcolor!\@nil
1397 \expandafter\adl@extract@dgc\the\toks\@tempcnta\dashgapcolor!\@nil
1398 \@addtopreamble{\ifRTL\beginL\fi%
1399 \setbox\z@\hbox\bgroup\bgroup\ifRTL\beginR\fi
1400 \ifcase \@chnum
1401 \hskip\stretch{.5}\kern\z@
1402 \d@llarbegin
1403 \insert@column
1404 \d@llarend\hskip\stretch{.5}%
1405 \or \d@llarbegin \insert@column \d@llarend \hfill
1406 \or \hfill \kern\z@ \d@llarbegin \insert@column \d@llarend
1407 \or $\vcenter
1408 \startpbox{\@nextchar}\insert@column \endpbox $%
1409 \or \vtop \startpbox{\@nextchar}\insert@column \endpbox
1410 \or \vbox \startpbox{\@nextchar}\insert@column \endpbox
1411 \fi
1412 \ifRTL\endR\fi\egroup\egroup
1413 \begingroup
1414 \CT@setup
1415 \CT@column@color
1416 \CT@row@color
1417 \CT@cell@color
1418 \CT@do@color
1419 \endgroup
1420 \@tempdima\ht\z@
1421 \advance\@tempdima\minrowclearance
1422 \vrule\@height\@tempdima\@width\z@
1423 \unhbox\z@\ifRTL\endL\fi}%
1424 \prepnext@tok}
1425 \let\adl@act@classz\@classz
1426 \let\adl@org@classz\@classz
1427 }{}

```



7.12 bidi.sty

```
1428 \NeedsTeXFormat{LaTeX2e}
1429 \def\bididate{2014/12/28}
1430 \def\bidiversion{v16.4}
1431 \ProvidesPackage{bidi}[\bididate\space \bidiversion\space
1432 Bidirectional typesetting in plain TeX and LaTeX]
1433 \edef\@bidi@info{*****~J%
1434 * ~J%
1435 * bidi package (Bidirectional typesetting in~J%
1436 * plain TeX and LaTeX, using XeTeX engine)~J%
1437 * ~J%
1438 * Description: A convenient interface for~J%
1439 * typesetting bidirectional texts in plain TeX~J%
1440 * and LaTeX. The package includes adaptations~J%
1441 * for use with many other commonly-used packages.~J%
1442 * ~J%
1443 * Copyright © 2009-2014 Vafa Khalighi~J%
1444 * ~J%
1445 * \bididate, \bidiversion~J%
1446 * ~J%
1447 * License: LaTeX Project Public License, version~J%
1448 * 1.3c or higher (your choice)~J%
1449 * ~J%
1450 * Location on CTAN: /macros/xetex/latex/bidi~J%
1451 * ~J%
1452 * Issue tracker: https://github.com/persian-tex/bidi/issues~J%
1453 * ~J%
1454 * Support: persian-tex@tug.org~J%
1455 *****}
1456 \typeout{\@bidi@info}
1457 \edef\bidi@everyjob{\the\everyjob}
1458 \everyjob{\bidi@everyjob\typeout{\@bidi@info}}
1459 \RequirePackage{iftex}
1460 \RequireXeTeX
1461 \RequirePackage{biditools}
1462 \RequirePackage{zref-abspage}
1463 \RequirePackage{auxhook}
1464 \RequirePackage{ltxcmds}
1465 \RequirePackage{xkeyval}
1466 \eqnewif{\if@RTLmain}{\if@rlmain}
1467 \eqnewif{\if@RTL}{\if@rl}
1468 \newif\if@Latin
1469 \eqnewif{\if@RTLtab}{\if@tab@rl}
1470 \newif\if@RTLmarginpar
1471 \newif\if@LTRmarginpar
1472 \newif\if@LTRbibitems
1473 \newif\if@RTLbibitems
1474 \newif\if@extrafootnotefeatures
1475 \newif\if@parafootRTL
```



```

1476 \newif\if@RTLcolumnfootnotes
1477 \eqnewif{\if@RTL@footnote}{\if@rl@footnote}
1478 \newif\if@bidi@list@minipage@parbox
1479 \newif\if@bidi@list@minipage@parbox@not@nob
1480 \RTLmainfalse
1481 \AtBeginDocument{%
1482   \if@RTLmain\else
1483     \if@RTL\@RTLmaintrue%
1484     \else\@RTLmainfalse%
1485     \fi%
1486   \fi%
1487 }
1488 \let\n@xt=\
1489 \bidi@newrobustcmd*{\LRE}{\protect\pLRE}%
1490 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1491 \bidi@newrobustcmd*{\RLE}{\protect\pRLE}
1492 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
1493 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1494   \errmessage{Missing left brace has been substituted}\fi \bgroup}
1495 \input{latex-xetex-bidi.def}
1496 \input{loadingorder-xetex-bidi.def}
1497 \define@choicekey{bidi.sty}{RTLdocument}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
1498   \ifcase\bidi@tempb\relax
1499     \RTLtrue
1500   \or
1501     \RTLfalse
1502   \fi}
1503 \define@choicekey{bidi.sty}{rldocument}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
1504   \ifcase\bidi@tempb\relax
1505     \RTLtrue
1506   \or
1507     \RTLfalse
1508   \fi}
1509 \define@choicekey{bidi.sty}{footnoterule}[\bidi@tempa\bidi@tempb]{automatic,left,right,split,
1510   \ifcase\bidi@tempb\relax
1511     \autofootnoterule
1512   \or
1513     \leftfootnoterule
1514   \or
1515     \rightfootnoterule
1516   \or
1517     \SplitFootnoteRule
1518   \or
1519     \textwidthfootnoterule
1520   \fi}
1521 \define@choicekey{bidi.sty}{footnotedirection}[\bidi@tempa\bidi@tempb]{righttoleft,lefttorigh
1522   \ifcase\bidi@tempb\relax
1523     \RTL@footnotetrue
1524   \or
1525     \RTL@footnotefalse

```



```

1526 \fi}
1527 \define@choicekey{bidi.sty}{debugfootnotedirection}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
1528 \ifcase\bidi@tempb\relax
1529 \footdir@debugtrue
1530 \or
1531 \footdir@debugfalse
1532 \fi}
1533 \define@choicekey{bidi.sty}{extrafootnotefeatures}[\bidi@tempa\bidi@tempb]{on,off}[on]{%
1534 \ifcase\bidi@tempb\relax
1535 \@extrafootnotefeaturestrue
1536 \or
1537 \@extrafootnotefeaturesfalse
1538 \fi}
1539
1540 \ProcessOptionsX
1541
1542 \if@extrafootnotefeatures
1543 \input{extrafootnotefeatures-xetex-bidi.def}
1544 \fi

```

7.13 bidi.tex

```

1545 \def\biddate{2014/12/28}
1546 \def\bidiversion{v0.2}
1547 \catcode\@=11
1548 \let \protect \relax
1549 \newlinechar``^^J
1550 \edef\@bidi@info{*****^^J%
1551 * ^^J%
1552 * bidi package (Bidirectional typesetting in^^J%
1553 * plain TeX and LaTeX, using XeTeX engine)^^J%
1554 * ^^J%
1555 * Description: A convenient interface for^^J%
1556 * typesetting bidirectional texts in plain TeX^^J%
1557 * and LaTeX. The package includes adaptations^^J%
1558 * for use with many other commonly-used packages.^^J%
1559 * ^^J%
1560 * Copyright © 2009-2014 Vafa Khalighi^^J%
1561 * ^^J%
1562 * \biddate, \bidiversion^^J%
1563 * ^^J%
1564 * License: LaTeX Project Public License, version^^J%
1565 * 1.3c or higher (your choice)^^J%
1566 * ^^J%
1567 * Location on CTAN: /macros/xetex/latex/bidi^^J%
1568 * ^^J%
1569 * Issue tracker: https://github.com/persian-tex/bidi/issues^^J%
1570 * ^^J%
1571 * Support: persian-tex@tug.org^^J%
1572 *****}

```



```

1573 \message{\@bidi@info}
1574 \edef\bidi@everyjob{\the\everyjob}
1575 \everyjob{\bidi@everyjob\message{\@bidi@info}}
1576 \input iftex.sty
1577 \RequireXeTeX
1578 \newif\if@RTLmain
1579 \newif\if@RTL
1580 \newif\if@sentedir
1581 \newif\if@RTL@footnote
1582 \@RTLmainfalse
1583 \def\setRTLmain{%
1584   \if@RTLmain\else
1585     \if@RTL\@RTLmaintrue%
1586     \else\@RTLmainfalse%
1587     \fi%
1588   \fi%
1589 }
1590 \let\n@xt=\
1591 \protected\def\LRE{\protect\pLRE}%
1592 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1593 \protected\def\RLE{\protect\pRLE}
1594 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
1595 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1596   \errmessage{Missing left brace has been substituted}\fi \bgroup}
1597 \input plain-xetex-bidi.def
1598 \catcode`\@=12

```

7.14 bidi2in1.sty

```

1599 \NeedsTeXFormat{LaTeX2e}
1600 \ProvidesPackage{bidi2in1}
1601 \pagestyle{plain}
1602 \newcount\evenpage
1603 \newcount\oddpge
1604 \twocolumn
1605 \def\@oddfoot{\evenpage=\thepage%
1606 \multiply\evenpage by 2%
1607 \oddpge=\the\evenpage%
1608 \advance\oddpge by -1%
1609 \hfil\the\evenpage\hfil\hfil\the\oddpge\hfil}%
1610 \def\@evenfoot{\evenpage=\thepage%
1611 \multiply\evenpage by 2%
1612 \oddpge=\the\evenpage%
1613 \advance\oddpge by -1%
1614 \hfil\the\oddpge\hfil\hfil\the\evenpage\hfil}%
1615 \textwidth 9.49in
1616 \textheight 6.7in
1617 \columnsep 0.9in
1618 \columnseprule 0.125pt
1619 \headheight 0cm

```



```

1620 \topmargin 0in
1621 \marginparwidth 0in
1622 \marginparsep 0in
1623 \hoffset 0.05in % Corrected
1624 \voffset -0.5in %top margin space is 1.0in by default
1625 \oddsidemargin 0in
1626 \evensidemargin 0in
1627 \headsep 0cm
1628 \topskip 0cm
1629 \parskip 0.15in      %
1630 \headsep 0pt
1631 \special{papersize=11.69in,8.26in}
1632 \renewcommand\maketitle{\par
1633 \begingroup
1634 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1635 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
1636 \long\def\@makefntext##1{\parindent 1em\noindent
1637 \hb@xt@1.8em{%
1638 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
1639 \@maketitle
1640 \@thanks
1641 \endgroup
1642 \setcounter{footnote}{0}%
1643 \global\let\thanks\relax
1644 \global\let\maketitle\relax
1645 \global\let\@maketitle\relax
1646 \global\let\@thanks\@empty
1647 \global\let\@author\@empty
1648 \global\let\@date\@empty
1649 \global\let\@title\@empty
1650 \global\let\title\relax
1651 \global\let\author\relax
1652 \global\let\date\relax
1653 \global\let\and\relax
1654 }

```

7.15 bidicode.sty

```

1655 \NeedsTeXFormat{LaTeX2e}
1656 \ProvidesPackage{bidicode}
1657 \RequirePackage{xcolor}
1658 \RequirePackage{showexpl}
1659 \definecolor{hellgelb}{rgb}{1,1,0.85}
1660 \definecolor{colKeys}{rgb}{0,0,1}
1661 \definecolor{colIdentifier}{rgb}{0,0,0}
1662 \definecolor{colComments}{rgb}{1,0,0}
1663 \definecolor{colString}{rgb}{0,0.5,0}
1664 \lstset{
1665     language=[LaTeX]TEX,
1666     float=hbp,

```



```

1667     basicstyle=\ttfamily\small,
1668     identifierstyle=\color{colIdentifier},
1669     keywordstyle=\color{colKeys},
1670     stringstyle=\color{colString},
1671     commentstyle=\color{colComments},
1672     columns=flexible,
1673     tabsize=4,
1674     gobble =1,
1675     extendedchars=true,
1676     showspaces=false,
1677     showstringspaces=false,
1678     numbers=left,
1679     numbersep=0.9em,
1680     numberstyle=\tiny, %
1681     frame=single,
1682     captionpos=b,
1683     xleftmargin=1em,
1684     breaklines=true,
1685     breakautoindent=false,
1686     breakindent=0pt,
1687     escapeinside=**,
1688     pos=r,
1689     explpreset={%
1690     xleftmargin=1em,columns=flexible,language=[LaTeX]TEX},
1691     morekeywords={setLTR,setLR,setRTL,setRL,LRE,LR,RLE,RL,lr,bidiversion,bididate}
1692 }
1693 \newcommand\HLON{%
1694     \gdef\lst@alloverstyle##1{%
1695         \fboxrule=0pt
1696         \fboxsep=0pt
1697         \fcolorbox{hellgelb}{hellgelb}{\bfseries\strut##1}%
1698 }}
1699 \newcommand\HLOFF{%
1700     \xdef\lst@alloverstyle##1{##1}%
1701 }
1702 \newcommand\Larg [1]{\{\normalfont\itshape#1/\}}
1703 \newcommand\Larga[1]{\$\angle$\Larg{#1}$\rangle$}
1704 \newcommand\Largb[1]{\lcb\Larg{#1}\rcb}
1705 \newcommand\Largs[1]{\lsb\Larg{#1}\rsb}
1706 \newcommand\Largr[1]{\lrb\Larg{#1}\rrb}
1707 \newcommand\LBEG[1]{\{\normalfont\ttfamily\bs{}\begin\lcb#1\rcb\}}
1708 \newcommand\LEND[1]{\{\normalfont\ttfamily\bs{}\end\lcb#1\rcb\}}
1709
1710 \DeclareRobustCommand\bs{\{\normalfont\ttfamily\symbol{92}\}}
1711 \DeclareRobustCommand\lcb{\{\normalfont\ttfamily\char`\{}}
1712 \DeclareRobustCommand\rcb{\{\normalfont\ttfamily\char`\}}
1713 \DeclareRobustCommand\lsb{\{\normalfont\ttfamily[}}
1714 \DeclareRobustCommand\rsb{\{\normalfont\ttfamily]}}
1715 \DeclareRobustCommand\lrb{\{\normalfont\ttfamily(}}
1716 \DeclareRobustCommand\rrb{\{\normalfont\ttfamily)}}

```



```

1717
1718 \def\Lcs#1{\nxLcs{#1}}
1719 \def\LcsStar#1{\nxLcs{#1}\OptArg*{}}
1720 \def\nxLcs#1{\texttt{\symbol{92}#1}}
1721
1722 \def\Coordx#1{$x_{#1}$}
1723 \def\Coordy#1{$y_{#1}$}
1724 \def\Coordz#1{$z_{#1}$}
1725 \def\Coord#1{\Coordx{#1},\kern 1pt\Coordy{#1}}
1726 \def\Coordn{\Coordx{n},\kern 1pt\Coordy{n}}
1727 \def\CoordIII#1{\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1}}
1728 \def\CAny{\Coordx{ },\kern 1pt\Coordy{ }}
1729 \def\CIIAny{\Coordx{ },\kern 1pt\Coordy{ },\kern 1pt\Coordz{ }}
1730 \def\coord#1{(\Coordx{#1},\kern 1pt\Coordy{#1})}
1731 \def\coordn{(\Coordx{n},\kern 1pt\Coordy{n})}
1732 \def\coordiii#1{(\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1})}
1733 \def\coordx#1{($x_{#1}$)}
1734 \def\coordy#1{($y_{#1}$)}
1735 \def\coordz#1{($z_{#1}$)}
1736 \def\cAny{(\Coordx{ },\kern 1pt\Coordy{ })}
1737 \def\ciiAny{(\Coordx{ },\kern 1pt\Coordy{ },\kern 1pt\Coordz{ })}
1738
1739 \newsavebox{\boxdef}
1740 \newenvironment{BDef}
1741   {\begin{lrbox}\boxdef
1742     \def\arraystretch{1.0}
1743     \begin{tabular}{@{}l@{}l@{}l@{}}
1744   }
1745   {\end{tabular}\end{lrbox}}
1746
1747   {\BCmd\fbbox{\usebox\boxdef}\endBCmd}
1748   \aftergroup\@afterindentfalse\aftergroup\@afterheading
1749 }
1750
1751 \newenvironment{BDef*}
1752   {\begin{lrbox}\boxdef
1753     \def\arraystretch{1.0}
1754     \begin{tabular}{@{}l@{}l@{}l@{}}
1755   }
1756   {\end{tabular}\end{lrbox}
1757   {\begin{BCmd*}\fbbox{\usebox\boxdef}\end{BCmd*}}
1758   \aftergroup\@afterindentfalse\aftergroup\@afterheading
1759 }
1760 \newenvironment{BCmd}{
1761   \@beginparpenalty-\@lowpenalty
1762   \topsep\BDefaboveskip
1763   \fbboxsep3pt
1764   \flushleft}
1765   {\@endparpenalty\@M
1766   \@topsepadd\BDefbelowskip

```




```

1767 \endflushleft}
1768
1769 \newenvironment{BCmd*}{
1770 \@beginparpenalty\@M
1771 \topsep\BDefinelineskip
1772 \fboxsep3pt
1773 \flushleft}
1774 {\@endparpenalty5000
1775 \endflushleft}
1776
1777 \newskip\BDefaboveskip
1778 \newskip\BDefbelowskip
1779 \newskip\BDefinelineskip
1780 \setlength\BDefaboveskip{10pt plus 4pt}
1781 \setlength\BDefbelowskip{6pt}
1782 \setlength\BDefinelineskip{6pt}
1783
1784 \def\OptArgs{\colorbox{black!20}{\texttt{[Options]}}\kern1pt}
1785 \def\OptArg{\@ifnextchar*\OptArgi{\OptArgii*}}
1786 \def\OptArgi*#1{\colorbox{black!20}{\texttt{#1}}\kern1pt}
1787 \def\OptArgii*#1{\colorbox{black!20}{\texttt{[#1]}}\kern1pt}

```

7.16 bidiftnxtra.sty

```

1788 \NeedsTeXFormat{LaTeX2e}
1789 \ProvidesPackage{bidiftnxtra}
1790 \newtoks\bidi@p@ftn
1791 \let\FN@sffootnote\footnote
1792 \let\FN@sff@LTRfootnote\LTRfootnote
1793 \let\FN@sff@RTLfootnote\RTLfootnote
1794 \def\footnote{\ifx\protect\@typeset@protect
1795 \expandafter\FN@sffootnote
1796 \else
1797 \expandafter\FN@sff@gobble@opt
1798 \fi
1799 }
1800 \def\LTRfootnote{\ifx\protect\@typeset@protect
1801 \expandafter\FN@sff@LTRfootnote
1802 \else
1803 \expandafter\FN@sff@gobble@opt
1804 \fi
1805 }
1806 \def\RTLfootnote{\ifx\protect\@typeset@protect
1807 \expandafter\FN@sff@RTLfootnote
1808 \else
1809 \expandafter\FN@sff@gobble@opt
1810 \fi
1811 }
1812 \edef\FN@sff@gobble@opt{\noexpand\protect
1813 \expandafter\noexpand\csname FN@sff@gobble@opt \endcsname}

```



```

1814 \expandafter\def\csname FN@sfgobble@opt \endcsname{%
1815   \ifnextchar[%]
1816     \FN@sfgobble@twobrace
1817     \@gobble
1818 }
1819 \def\FN@sfgobble@twobrace[#1]#2{%
1820 \let\FN@sfgobble@footnotemark\footnotemark
1821 \def\footnotemark{\ifx\protect\@typeset@protect
1822   \expandafter\FN@sfgobble@footnotemark
1823   \else
1824     \expandafter\FN@sfgobble@optonly
1825   \fi
1826 }
1827 \edef\FN@sfgobble@optonly{\noexpand\protect
1828   \expandafter\noexpand\csname FN@sfgobble@optonly \endcsname}
1829 \expandafter\def\csname FN@sfgobble@optonly \endcsname{%
1830   \ifnextchar[%]
1831     \FN@sfgobble@brace
1832     {}%
1833 }
1834 \def\FN@sfgobble@brace[#1]{%
1835 \def\@tabular{\ifRTL\global\@RTLtabtrue\fi
1836   \leavevmode \hbox \bgroup
1837   \let\@footnotetext\@bidi@p@ftntext
1838   \let\@LTRfootnotetext\@bidi@p@LTRftntext
1839   \let\@RTLfootnotetext\@bidi@p@RTLftntext
1840   \let\@xfootnotenext\@bidi@p@xftntext
1841   \let\@xfootnote\@bidi@p@xfootnote
1842   \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
1843   \let\@xLTRfootnote\@bidi@p@xLTRfootnote
1844   \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
1845   \let\@xRTLfootnote\@bidi@p@xRTLfootnote
1846   \ifRTLtab\beginR \fi
1847   $\let\@acol\@tabacol
1848   \let\@class\@tabclass
1849   \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
1850 \def\endtabular{\crr\egroup\ifRTLtab\egroup\endR\egroup\fi
1851   \egroup $\ifRTLtab\endR\fi\egroup
1852   \ifx\@capytype\@undefined
1853     \global\@bidi@p@ftn\expandafter{\expandafter}\the\@bidi@p@ftn\fi%
1854     \global\@RTLtabfalse}
1855 \long\def\@bidi@p@ftntext#1{%
1856   \edef\@tempy{\the\@bidi@p@ftn\noexpand\footnotetext[\the\csname c@\@mpfn\endcsname]}}%
1857   \global\@bidi@p@ftn\expandafter{\@tempy{#1}}}%
1858 \long\def\@bidi@p@LTRftntext#1{%
1859   \edef\@tempyi{\the\@bidi@p@ftn\noexpand\LTRfootnotetext[\the\csname c@\@mpfn\endcsname]}}%
1860   \global\@bidi@p@ftn\expandafter{\@tempyi{#1}}}%
1861 \long\def\@bidi@p@RTLftntext#1{%
1862   \edef\@tempyii{\the\@bidi@p@ftn\noexpand\RTLfootnotetext[\the\csname c@\@mpfn\endcsname]}}%
1863   \global\@bidi@p@ftn\expandafter{\@tempyii{#1}}}%

```



```

1864
1865
1866 \long\def\bidip@xftntext[#1]#2{%
1867   \global\bidip@ftn\expandafter{\the\bidip@ftn\footnotetext[#1]{#2}}
1868
1869 \long\def\bidip@xLTRftntext[#1]#2{%
1870   \global\bidip@ftn\expandafter{\the\bidip@ftn\LTRfootnotetext[#1]{#2}}
1871
1872 \long\def\bidip@xRTLftntext[#1]#2{%
1873   \global\bidip@ftn\expandafter{\the\bidip@ftn\RTLfootnotetext[#1]{#2}}
1874
1875
1876 \def\bidip@xfootnote[#1]{%
1877   \begingroup
1878     \csname c@\mpfn\endcsname #1\relax
1879     \unrestored@protected@xdef\@thefnmark{\thempfn}%
1880   \endgroup
1881   \@footnotemark\bidip@xftntext[#1]}
1882
1883
1884 \def\bidip@xLTRfootnote[#1]{%
1885   \begingroup
1886     \csname c@\mpfn\endcsname #1\relax
1887     \unrestored@protected@xdef\@thefnmark{\thempfn}%
1888   \endgroup
1889   \@footnotemark\bidip@xLTRftntext[#1]}
1890
1891
1892 \def\bidip@xRTLfootnote[#1]{%
1893   \begingroup
1894     \csname c@\mpfn\endcsname #1\relax
1895     \unrestored@protected@xdef\@thefnmark{\thempfn}%
1896   \endgroup
1897   \@footnotemark\bidip@xRTLftntext[#1]}
1898
1899 \def\@xfloat #1[#2]{%
1900   \@nodocument
1901   \def \@captype {#1}%
1902   \def \@fps {#2}%
1903   \@onelevel@sanitize \@fps
1904   \def \reserved@b {!}%
1905   \ifx \reserved@b \@fps
1906     \@fpsadddefault
1907   \else
1908     \ifx \@fps \@empty
1909       \@fpsadddefault
1910     \fi
1911   \fi
1912   \ifhmode
1913     \@bsphack

```



```

1914 \floatpenalty -\@Mii
1915 \else
1916 \floatpenalty-\@Miii
1917 \fi
1918 \ifinner
1919 \@parmoderr\floatpenalty\z@
1920 \else
1921 \@next\@currbox\@freelist
1922 {%
1923 \@tempcnta \sixt@n
1924 \expandafter \@tfor \expandafter \reserved@a
1925 \expandafter :\expandafter =\@fps
1926 \do
1927 {%
1928 \if \reserved@a h%
1929 \ifodd \@tempcnta
1930 \else
1931 \advance \@tempcnta \@ne
1932 \fi
1933 \fi
1934 \if \reserved@a t%
1935 \@setfpsbit \tw@
1936 \fi
1937 \if \reserved@a b%
1938 \@setfpsbit 4%
1939 \fi
1940 \if \reserved@a p%
1941 \@setfpsbit 8%
1942 \fi
1943 \if \reserved@a !%
1944 \ifnum \@tempcnta>15
1945 \advance\@tempcnta -\sixt@n\relax
1946 \fi
1947 \fi
1948 }%
1949 \@tempcntb \csname ftype@\@capytype \endcsname
1950 \multiply \@tempcntb \@xxxii
1951 \advance \@tempcnta \@tempcntb
1952 \global \count\@currbox \@tempcnta
1953 }%
1954 \@fltovf
1955 \fi
1956 \global \setbox\@currbox
1957 \color@vbox
1958 \normalcolor
1959 \vbox \bgroup
1960 \let\@footnotetext\@bidi@p@fnttext
1961 \let\@LTRfootnotetext\@bidi@p@LTRfnttext
1962 \let\@RTLfootnotetext\@bidi@p@RTLfnttext
1963 \let\@xfootnotenext\@bidi@p@xftnttext

```



```

1964      \let\@xfootnote\@bidi@p@xfootnote
1965      \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
1966      \let\@xLTRfootnote\@bidi@p@xLTRfootnote
1967      \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
1968      \let\@xRTLfootnote\@bidi@p@xRTLfootnote
1969      \hsize\columnwidth
1970      \@parboxrestore
1971      \@floatboxreset
1972 }
1973 \def \@endfloatbox{%
1974     \par\vskip\z@skip      %% \par\vskip\z@ added 15 Dec 87
1975     \@minipagefalse
1976     \outer@nobreak
1977     \egroup                %% end of vbox
1978     \global\@bidi@p@ftn\expandafter{\expandafter}\the\@bidi@p@ftn
1979     \color@endbox
1980 }

```

7.17 bidi-longtable.sty

```

1981 \ProvidesPackage{bidi-longtable}[2012/12/12 v0.1 typesetting bidi longtables in XeTeX engine (ex
1982 \def\longtable{\if@RTL\@RTLtabtrue\fi%
1983     \par
1984     \ifx\multicols\@undefined
1985     \else
1986         \ifnum\col@number>\@ne
1987             \@twocolumntrue
1988         \fi
1989     \fi
1990     \if@twocolumn
1991         \LT@err{longtable not in 1-column mode}\@ehc
1992     \fi
1993     \begingroup
1994     \@ifnextchar[\LT@array{\LT@array[x]}%
1995 \def\endlongtable{%
1996     \crr
1997     \noalign{%
1998         \let\LT@entry\LT@entry@chop
1999         \xdef\LT@save@row{\LT@save@row}}%
2000     \LT@echunk
2001     \LT@start
2002     \unvbox\z@
2003     \LT@get@widths
2004     \if@filesw
2005         {\let\LT@entry\LT@entry@write\immediate\write\@auxout{%
2006             \gdef\expandafter\noexpand
2007                 \csname LT@\romannumeral\c@LT@tables\endcsname
2008                 {\LT@save@row}}}%
2009     \fi
2010     \ifx\LT@save@row\LT@@save@row

```



```

2011 \else
2012   \LT@warn{Column \@width s have changed\MessageBreak
2013           in table \thetable}%
2014   \LT@final@warn
2015 \fi
2016 \endgraf\penalty -\LT@end@pen
2017 \endgroup
2018 \global\@mparbottom\z@
2019 \pagegoal\vsizel
2020 \endgraf\penalty\z@\addvspace\LTpost
2021 \ifvoid\footins\else\insert\footins{}\fi\@RTLtabfalse}
2022 \def\LT@output{%
2023   \ifnum\outputpenalty <-\@Mi
2024     \ifnum\outputpenalty > -\LT@end@pen
2025       \LT@err{floats and marginpars not allowed in a longtable}\@ehc
2026     \else
2027       \setbox\z@\vbox{\unvbox\@cclv}%
2028       \ifdim \ht\LT@lastfoot>\ht\LT@foot
2029         \dimen@ \pagegoal
2030         \advance\dimen@-\ht\LT@lastfoot
2031         \ifdim\dimen@<\ht\z@
2032           \setbox\@cclv\vbox{\unvbox\z@\copy\LT@foot\vss}%
2033           \@makecol
2034           \@outputpage
2035           \setbox\z@\vbox{\box\LT@head}%
2036         \fi
2037       \fi
2038       \global\@colroom\@colht
2039       \global\vsizel\@colht
2040       \vbox
2041       {\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\z@\box\ifvoid\LT@lastfoot\LT@foot\else\LT@lastf
2042       \fi
2043     \else
2044       \setbox\@cclv\vbox{\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\@cclv\copy\LT@foot\vss}\if@RTLta
2045       \@makecol
2046       \@outputpage
2047       \global\vsizel\@colroom
2048       \copy\LT@head\nobreak
2049     \fi}

```

7.18 bidimoderncv.cls

```

2050 \NeedsTeXFormat{LaTeX2e}
2051 \ProvidesClass{bidimoderncv}
2052 \newif\if@DEBUG\@DEBUGfalse
2053 \DeclareOption{a4paper}{
2054   \setlength\paperheight{297mm}
2055   \setlength\paperwidth{210mm}}
2056 \DeclareOption{a5paper}{
2057   \setlength\paperheight{210mm}

```



```

2058 \setlength\paperwidth{148mm}}
2059 \DeclareOption{b5paper}{
2060 \setlength\paperheight{250mm}
2061 \setlength\paperwidth{176mm}}
2062 \DeclareOption{letterpaper}{
2063 \setlength\paperheight{11in}
2064 \setlength\paperwidth{8.5in}}
2065 \DeclareOption{legalpaper}{
2066 \setlength\paperheight{14in}
2067 \setlength\paperwidth{8.5in}}
2068 \DeclareOption{executivepaper}{
2069 \setlength\paperheight{10.5in}
2070 \setlength\paperwidth{7.25in}}
2071 \DeclareOption{landscape}{
2072 \setlength\@tempdima{\paperheight}
2073 \setlength\paperheight{\paperwidth}
2074 \setlength\paperwidth{\@tempdima}}
2075 \newcommand\@ptsize{
2076 \DeclareOption{10pt}{\renewcommand\@ptsize{0}}
2077 \DeclareOption{11pt}{\renewcommand\@ptsize{1}}
2078 \DeclareOption{12pt}{\renewcommand\@ptsize{2}}
2079 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
2080 \DeclareOption{final}{\setlength\overfullrule{0pt}}
2081 \newif\if@colour\@colourtrue
2082 \DeclareOption{nocolour}{\@colourfalse}
2083 \ExecuteOptions{a4paper,11pt,colour,final}
2084 \ProcessOptions\relax
2085 \input{size1\@ptsize.clo}
2086 \RequirePackage{color}
2087 \RequirePackage{graphicx}
2088 \RequirePackage{ifthen}
2089 \RequirePackage{marvosym}
2090 \addtolength{\oddsidemargin}{-54pt}
2091 \addtolength{\textwidth}{109pt}
2092 \addtolength{\topmargin}{-70pt}
2093 \addtolength{\textheight}{122pt}
2094 \addtolength{\marginparsep}{-5pt}
2095 \addtolength{\marginparwidth}{-10pt}
2096 \RequirePackage{url}
2097 \RequirePackage{hyperref}
2098 \hypersetup{
2099 breaklinks,
2100 baseurl = http://,%
2101 pdfborder = 0 0 0,%
2102 pdfpagemode = UseNone,%
2103 pdfstartpage = 1}
2104 \AtEndOfClass{
2105 \AtBeginDocument{
2106 \hypersetup{
2107 pdfauthor = \@firstname~\@familyname,%

```



```

2108 pdftitle = \@title,%
2109 pdfsubject = \@firstname~\@familyname,%
2110 pdfkeywords = \@resumename~\@firstname~\@familyname}}}
2111 \urlstyle{tt}
2112 \RequirePackage{fancyhdr}
2113 \fancypagestyle{plain}{%
2114 \renewcommand{\headrulewidth}{0pt}
2115 \renewcommand{\footrulewidth}{0pt}
2116 \fancyhf{}}
2117 \pagestyle{plain}
2118 \setlength\lineskip{1\p@}
2119 \setlength\normallineskip{1\p@}
2120 \renewcommand\baselinestretch{}
2121 \setlength{\parindent}{0pt}
2122 \setlength{\parskip}{0pt}
2123 \setlength\columnsep{10\p@}
2124 \setlength\columnseprule{0\p@}
2125 \pagestyle{empty}
2126 \pagenumbering{arabic}
2127 \raggedbottom
2128 \onecolumn
2129 \providecommand*\listitemsymbol{\textbullet}
2130 \providecommand*\addresssymbol{}
2131 \providecommand*\mobilesymbol{\Mobilefone}
2132 \providecommand*\phonesymbol{\Telefon}
2133 \providecommand*\faxsymbol{\FAX}
2134 \providecommand*\emailsymbol{\Letter}
2135 \definecolor{firstnamedcolor}{rgb}{0,0,0}
2136 \def\firstnamedcolour#1{\gdef\@firstnamedcolour{\addfontfeature{Color=#1}}}
2137 \def\familynamedcolour#1{\gdef\@familynamedcolour{\addfontfeature{Color=#1}}}
2138 \def\titlecolour#1{\gdef\@titlecolour{\addfontfeature{Color=#1}}}
2139 \def\addresscolour#1{\gdef\@addresscolour{\addfontfeature{Color=#1}}}
2140 \def\quotecolour#1{\gdef\@quotecolour{\addfontfeature{Color=#1}}}
2141 \def\sectiontitlecolour#1{\gdef\@sectiontitlecolour{\addfontfeature{Color=#1}}}
2142 \definecolor{sectionrectanglecolor}{rgb}{0,0,0}
2143 \def\subsectioncolour#1{\gdef\@subsectioncolour{\addfontfeature{Color=#1}}}
2144 \def\hintcolour#1{\gdef\@hintcolour{\addfontfeature{Color=#1}}}
2145 \providecommand*\firstnamedfont{}
2146 \providecommand*\familynamedfont{}
2147 \providecommand*\titlefont{}
2148 \providecommand*\addressfont{}
2149 \providecommand*\quotefont{}
2150 \providecommand*\sectionfont{}
2151 \providecommand*\subsectionfont{}
2152 \providecommand*\hintfont{\small}
2153 \providecommand*\firstnamedstyle[1]{\@firstnamedfont\@firstnamedcolour#1}
2154 \providecommand*\familynamedstyle[1]{\@familynamedfont\@familynamedcolour#1}
2155 \providecommand*\titlestyle[1]{\@titlefont\@titlecolour#1}
2156 \providecommand*\addressstyle[1]{\@addressfont\@addresscolour#1}
2157 \providecommand*\quotestyle[1]{\@quotefont\@quotecolour#1}

```




```

2158 \providecommand*\sectionstyle}[1]{\sectionfont\@sectiontitlecolour#1}
2159 \providecommand*\subsectionstyle}[1]{\subsectionfont\@subsectioncolour#1}
2160 \providecommand*\hintstyle}[1]{\hintfont\@hintcolour#1}
2161 \newcommand*\cvtheme}[2][{}{
2162   \def\@cvtheme#2}
2163   \def\@cvthemeoptions#1}
2164 \cvtheme{bidi-casual}
2165 \AtBeginDocument{\RequirePackage[\@cvthemeoptions]{cvtheme\@cvtheme}}
2166 \newcommand*\resumename}[1]{\def\@resumename#1}
2167 \newcommand*\firstname}[1]{\def\@firstname#1}
2168 \newcommand*\familyname}[1]{\def\@familyname#1}
2169 \renewcommand*\title}[1]{\def\@title#1}
2170 \newcommand*\address}[1]{\def\@address#1}
2171 \newcommand*\mobile}[1]{\def\@mobile#1}
2172 \newcommand*\phone}[1]{\def\@phone#1}
2173 \renewcommand*\fax}[1]{\def\@fax#1}
2174 \newcommand*\email}[1]{\def\@email#1}
2175 \newcommand*\extrainfo}[1]{\def\@extrainfo#1}
2176 \def\@photowidth{0pt}
2177 \newcommand*\photo}[2][64pt]{\def\@photowidth#1\def\@photo#2}
2178 \newcommand*\quote}[1]{\def\@quote#1}
2179 \newlength{\quotewidth}
2180 \newlength{\hintscolumnwidth}
2181 \newlength{\separatorcolumnwidth}
2182 \setlength{\separatorcolumnwidth}{0.025\textwidth}
2183 \newlength{\maincolumnwidth}
2184 \newlength{\doubleitemmaincolumnwidth}
2185 \newlength{\listitemsymbolwidth}
2186 \settowidth{\listitemsymbolwidth}{\listitemsymbol{}}
2187 \newlength{\listitemmaincolumnwidth}
2188 \newlength{\listdoubleitemmaincolumnwidth}
2189 \newcommand*\recomputethemelengths{}
2190 \newcommand*\recomputelengths{%
2191   \setlength{\quotewidth}{0.65\textwidth}%
2192   \setlength{\maincolumnwidth}{\textwidth}%
2193   \addtolength{\maincolumnwidth}{-\separatorcolumnwidth}%
2194   \addtolength{\maincolumnwidth}{-\hintscolumnwidth}%
2195   \setlength{\listitemmaincolumnwidth}{\maincolumnwidth}%
2196   \addtolength{\listitemmaincolumnwidth}{-\listitemsymbolwidth}%
2197   \setlength{\doubleitemmaincolumnwidth}{\maincolumnwidth}%
2198   \addtolength{\doubleitemmaincolumnwidth}{-\hintscolumnwidth}%
2199   \addtolength{\doubleitemmaincolumnwidth}{-\separatorcolumnwidth}%
2200   \setlength{\doubleitemmaincolumnwidth}{0.5\doubleitemmaincolumnwidth}%
2201   \setlength{\listdoubleitemmaincolumnwidth}{\maincolumnwidth}%
2202   \addtolength{\listdoubleitemmaincolumnwidth}{-\listitemsymbolwidth}%
2203   \setlength{\listdoubleitemmaincolumnwidth}{0.475\listdoubleitemmaincolumnwidth}%
2204   \renewcommand{\headwidth}{\textwidth}%
2205   \recomputethemelengths}
2206 \setlength{\hintscolumnwidth}{0.15\textwidth}
2207 \recomputelengths

```



```

2208 \title{}
2209 \renewcommand*{\maketitle}{}
2210 \newcommand*{\section}[1]{%
2211 \vspace*{2.5ex \@plus 1ex \@minus .2ex}%
2212 \phantomsection}%
2213 \addcontentsline{toc}{part}{#1}%
2214 \parbox[m]{\hintscolumnwidth}{\bidi@raggedleft\hintfont{\leavevmode\color{sectionrectanglecolor}\section{#1}}}%
2215 \hspace{\separatorcolumnwidth}%
2216 \parbox[m]{\maincolumnwidth}{\sectionstyle{#1}}\@{1ex}}
2217 \newcommand*{\subsection}[1]{%
2218 \cvline[0.45em]{\subsectionstyle{#1}}}%
2219 \newcommand*{\cvline}[3][.25em]{%
2220 \begin{tabular}{@{}p{\hintscolumnwidth}@{\hspace{\separatorcolumnwidth}}p{\maincolumnwidth}@{\hspace{\separatorcolumnwidth}}}%
2221 \bidi@raggedleft\hintfont{#2} &{#3}%
2222 \end{tabular}}\@{#1}}
2223 \newcommand*{\cvdoubleitem}[4]{%
2224 \cvline{#1}{\begin{minipage}[t]{\doubleitemmaincolumnwidth}#2\end{minipage}}%
2225 \hfill%
2226 \begin{minipage}[t]{\hintscolumnwidth}\bidi@raggedleft\hintfont{#3}\end{minipage}\hspace*{\separatorcolumnwidth}%
2227 \newcommand*{\cvlistitem}[2][\listitemsymbol]{%
2228 \cvline[0pt]{\begin{minipage}[t]{\listitemmaincolumnwidth}#2\end{minipage}}}%
2229 \newcommand*{\cvlistdoubleitem}[3][\listitemsymbol]{%
2230 \cvline[0pt]{\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#2\end{minipage}}%
2231 \hfill%
2232 \ifthenelse{\equal{#3}{}}{}%
2233 {}%
2234 {#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#3\end{minipage}}}%
2235 \newcommand*{\cventry}[6]{%
2236 \cvline{#1}{%
2237 {\bfseries#2}%
2238 \ifx#3\else{, {\slshape#3}}\fi%
2239 \ifx#4\else{, #4}\fi%
2240 \ifx#5\else{, #5}\fi%
2241 .}%
2242 \ifx#6\else{\newline}\begin{minipage}[t]{\linewidth}\small#6\end{minipage}}\fi
2243 }%
2244 \newcommand*{\cvlanguage}[3]{%
2245 \cvline{#1}{\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#2}\end{minipage}\hfill\begin{minipage}[t]{.775\maincolumnwidth}\textbf{#3}\end{minipage}}}%
2246 \newcommand*{\cvcomputer}[4]{%
2247 \cvdoubleitem{#1}{\small#2}{#3}{\small#4}}
2248 \newcommand*{\link}[2][\link]{%
2249 \ifthenelse{\equal{#1}{}}{}%
2250 {\href{#2}{#2}}%
2251 {\href{#2}{#1}}}
2252 \newcommand*{\httplink}[2][\httplink]{%
2253 \ifthenelse{\equal{#1}{}}{}%
2254 {\href{http://#2}{#2}}%
2255 {\href{http://#2}{#1}}}
2256 \newcommand*{\emailink}[2][\emailink]{%
2257 \ifthenelse{\equal{#1}{}}{}%

```



```

2258     {\href{mailto:#2}{#2}}%
2259     {\href{mailto:#2}{#1}}%
2260 \newif\if@displaypagenumbers\@displaypagenumberstrue
2261 \newcommand*{\nopagenumbers}{\@displaypagenumbersfalse}
2262 \AtBeginDocument{%
2263   \if@displaypagenumbers%
2264     \ifundefined{r@lastpage}{\}%
2265     \ifthenelse{\pageref{lastpage} > 1}{%
2266       \fancypagestyle{plain}{%
2267         \fancyfoot[r]{\beginL\addressfont\@quotecolour\footnotesize\thepage\beginL\endL\pageref
2268         \pagestyle{plain}}}%
2269     \AtEndDocument{\label{lastpage}}%
2270   \fi}
2271 \newlength{\bibindent}
2272 \setlength{\bibindent}{1.5em}
2273 \newcommand*{\bibliographyitemlabel}{\includegraphics{bibitem.pdf}}
2274 \newenvironment{thebibliography}[1]%
2275   {%
2276     \section{\refname}%
2277     \small%
2278     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
2279     \begin{list}{\bibliographyitemlabel}%
2280       {%
2281         \setlength{\topsep}{0pt}%
2282         \setlength{\labelwidth}{\hintscolumnwidth}%
2283         \setlength{\labelsep}{\separatorcolumnwidth}%
2284         \leftmargin\labelwidth%
2285         \advance\leftmargin\labelsep%
2286         \@openbib@code%
2287         \usecounter{enumiv}%
2288         \let\p@enumiv\@empty%
2289         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
2290     \sloppy\clubpenalty4000\widowpenalty4000%
2291   }%
2292   {%
2293     \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
2294     \end{list}%
2295   }
2296 \newcommand\newblock{\hskip .11em\@plus.33em\@minus.07em}
2297 \let\@openbib@code\@empty

```

7.19 biditools.sty

```

2298 \NeedsTeXFormat{LaTeX2e}
2299 \ProvidesPackage{biditools}[2013/04/10 v0.2 Programming tools for bidi package]
2300 \providecommand{\@bidi@saveprimitive}[2]{\begingroup\escapechar`\relax
2301   \edef\@tempa{#1}\edef\@tempb{#2}%
2302   \ifx\@tempa\@tempb \global\let#2#1%
2303   \else
2304     \edef\@tempb{#2}%

```



```

2305 \ifx\@tempa\@tempb
2306 \else
2307 \latex@error{Unable to properly define \string#2; primitive
2308 \noexpand#1no longer primitive}\@eha
2309 \fi
2310 \fi
2311 \endgroup}
2312 \def\@tagsextension{clo}
2313 \def\@definitionfileextension{def}
2314 \def\@iftagsloaded{\@ifl@aded\@tagsextension}
2315 \def\@ifdefinitionfileloaded{\@ifl@aded\@definitionfileextension}
2316 \def\eqnewif#1#2{%
2317 \count@\escapechar \escapechar\m@ne
2318 \let#1\iffalse
2319 \let#2\iffalse
2320 \eq@if#1#2\iftrue
2321 \eq@if#1#2\iffalse
2322 \escapechar\count@}
2323 \def\eq@if#1#2#3{%
2324 \expandafter\def\csname\expandafter\@gobbletwo\string#1%
2325 \expandafter\@gobbletwo\string#3\endcsname
2326 {\let#1#3%
2327 \let#2#3}%
2328 \expandafter\def\csname\expandafter\@gobbletwo\string#2%
2329 \expandafter\@gobbletwo\string#3\endcsname
2330 {\let#2#3%
2331 \let#1#3}}
2332 \newcommand*{\if@bidi@csdef}[1]{%
2333 \ifcsname#1\endcsname
2334 \expandafter\@firstoftwo
2335 \else
2336 \expandafter\@secondoftwo
2337 \fi}
2338 \newcommand*{\if@bidi@csundef}[1]{%
2339 \ifcsname#1\endcsname
2340 \expandafter\ifx\csname#1\endcsname\relax
2341 \expandafter\expandafter
2342 \expandafter\@firstoftwo
2343 \else
2344 \expandafter\expandafter
2345 \expandafter\@secondoftwo
2346 \fi
2347 \else
2348 \expandafter\@firstoftwo
2349 \fi}
2350 \newcommand{\if@bidi@def}[1]{%
2351 \ifdefined#1%
2352 \expandafter\@firstoftwo
2353 \else
2354 \expandafter\@secondoftwo

```



```

2355 \fi}
2356 \newcommand{\if@bidi@undef}[1]{%
2357 \ifdefined#1%
2358 \ifx#1\relax
2359 \expandafter\expandafter
2360 \expandafter\@firstoftwo
2361 \else
2362 \expandafter\expandafter
2363 \expandafter\@secondoftwo
2364 \fi
2365 \else
2366 \expandafter\@firstoftwo
2367 \fi}
2368 \newcommand{\if@bidi@blank}[1]{% from url.sty
2369 \bidi@ifblank@i#1&&\@secondoftwo\@firstoftwo:}
2370 \long\def\bidi@ifblank@i#1#2&#3#4#5:{#4}
2371 \newcommand{\bidi@notblank}[1]{%
2372 \bidi@ifblank@i#1&&\@firstoftwo\@secondoftwo:}
2373 \newcommand{\if@bidi@defmacro}{}
2374 \long\edef\if@bidi@defmacro#1{%
2375 \noexpand\expandafter\noexpand\bidi@ifdefmacro
2376 \noexpand\meaning#1\detokenize{macro}:&}
2377 \edef\bidi@ifdefmacro{%
2378 \def\noexpand\bidi@ifdefmacro##1\detokenize{macro}:##2&
2379 \bidi@ifdefmacro{\bidi@notblank{#2}}
2380 \newcommand*{\if@bidi@csmacro}[1]{%
2381 \if@bidi@csdef{#1}
2382 {\expandafter\if@bidi@defmacro\csname#1\endcsname}
2383 {\@secondoftwo}}
2384 \newcommand{\if@bidi@defprimitive}[1]{%
2385 \ifprimitive#1%
2386 \expandafter\@firstoftwo
2387 \else
2388 \expandafter\@secondoftwo
2389 \fi}
2390 \newcommand{\if@bidi@csprimitive}[1]{%
2391 \begingroup\expandafter\expandafter\endgroup%
2392 \expandafter\ifprimitive\csname#1\endcsname%
2393 \expandafter\@firstoftwo
2394 \else
2395 \expandafter\@secondoftwo
2396 \fi}
2397 \newcommand*{\bidi@csdefcs}[2]{%
2398 \expandafter\@ifdefinable \csname#1\endcsname{%
2399 \expandafter\def\csname#1\expandafter\endcsname{\csname#2\endcsname}}
2400 \newcommand*{\bidi@csletcs}[2]{%
2401 \expandafter\@ifdefinable \csname#1\endcsname{%
2402 \expandafter\let\csname#1\expandafter\endcsname\csname#2\endcsname}}
2403 \newcommand*{\bidi@cslet}[2]{%
2404 \expandafter\@ifdefinable \csname#1\endcsname{%

```



```

2405 \expandafter\let\csname#1\endcsname#2}}
2406 \newcommand{\bidi@namelongdef}[1]{%
2407   \long\expandafter\def\csname #1\endcsname{
2408   \def\bidi@ensure@newcommand{\@star@or@long\bidi@ensure@new@command}
2409   \def\bidi@ensure@new@command#1{%
2410     \begingroup \escapechar\m@ne\xdef\@gtempa{\string#1}\endgroup
2411     \expandafter\if@bidi@csundef\@gtempa
2412       {\new@command#1}{\relax%
2413       \let\@ifdefinable\@rc@ifdefinable%
2414       \new@command#1}}
2415   \def\bidi@ensure@newlength#1{\if@bidi@undef#1{\newskip#1}{}}
2416
2417 \protected\def\bidi@error{\PackageError{bidi}}
2418 \protected\def\bidi@warning{\PackageWarning{bidi}}
2419 \protected\def\bidi@info{\PackageInfo{bidi}}
2420
2421 \newcommand*{\bidi@newrobustcmd}{}
2422 \protected\def\bidi@newrobustcmd{\@star@or@long\bidi@new@command}
2423
2424 \def\bidi@new@command#1{\@testopt{\bidi@newcommand#1}0}
2425
2426 \def\bidi@newcommand#1[#2]{%
2427   \@ifnextchar[%]
2428     {\bidi@xargdef#1[#2]}
2429     {\ifx\l@ngrel@x\relax
2430       \let\l@ngrel@x\protected
2431       \else
2432       \protected\def\l@ngrel@x{\protected\long}%
2433       \fi
2434       \@argdef#1[#2]}}
2435
2436 \long\def\bidi@xargdef#1[#2][#3]#4{%
2437   \@ifdefinable#1{%
2438     \expandafter\protected
2439     \expandafter\def
2440     \expandafter#1%
2441     \expandafter{%
2442       \expandafter\@testopt
2443       \csname\string#1\endcsname{#3}}%
2444     \expandafter\@yargdef\csname\string#1\endcsname\tw@{#2}{#4}}}
2445
2446 \bidi@newrobustcmd*{\bidi@renewrobustcmd}{\@star@or@long\bidi@renew@command}
2447
2448 \def\bidi@renew@command#1{%
2449   \if@bidi@undef{#1}
2450     {\bidi@error{\string#1 undefined}\@ehc}
2451     {}%
2452   \let\@ifdefinable\@rc@ifdefinable
2453   \bidi@new@command#1}
2454

```



```

2455
2456
2457 \bidi@newrobustcmd*{\bidi@providerobustcmd}{\@star@or@long\bidi@provide@command}
2458
2459 \def\bidi@provide@command#1{%
2460   \if@bidi@undef{#1}
2461     {\def\reserved@a{\bidi@new@command#1}}
2462     {\def\reserved@a{\bidi@renew@command\reserved@a}}}%
2463   \reserved@a}
2464
2465 \newcommand*{\bidi@csuse}[1]{%
2466   \ifcsname#1\endcsname
2467     \csname#1\expandafter\endcsname
2468   \fi}
2469
2470 \newcommand{\bidi@expandonce}[1]{%
2471   \unexpanded\expandafter{#1}}
2472
2473 \def\bidi@protected{%
2474   \let\@@protect\protect
2475   \let\protect\@unexpandable@protect
2476   \afterassignment\restore@protect}
2477
2478 \bidi@newrobustcmd{\bidi@appto}[2]{%
2479   \if@bidi@undef{#1}
2480     {\edef#1{\unexpanded{#2}}}
2481     {\edef#1{\bidi@expandonce#1\unexpanded{#2}}}}
2482 \bidi@newrobustcmd{\bidi@eappto}[2]{%
2483   \if@bidi@undef{#1}
2484     {\edef#1{#2}}
2485     {\edef#1{\bidi@expandonce#1#2}}}
2486 \bidi@newrobustcmd{\bidi@gappto}[2]{%
2487   \if@bidi@undef{#1}
2488     {\xdef#1{\unexpanded{#2}}}
2489     {\xdef#1{\bidi@expandonce#1\unexpanded{#2}}}}
2490 \bidi@newrobustcmd{\bidi@xappto}[2]{%
2491   \if@bidi@undef{#1}
2492     {\xdef#1{#2}}
2493     {\xdef#1{\bidi@expandonce#1#2}}}
2494
2495 \bidi@newrobustcmd*{\bidi@protected@eappto}{\bidi@protected\bidi@eappto}
2496 \bidi@newrobustcmd*{\bidi@protected@xappto}{\bidi@protected\bidi@xappto}
2497
2498
2499
2500 \bidi@newrobustcmd{\bidi@preto}[2]{%
2501   \if@bidi@undef{#1}
2502     {\edef#1{\unexpanded{#2}}}
2503     {\edef#1{\unexpanded{#2}\bidi@expandonce#1}}}%
2504 \bidi@newrobustcmd{\bidi@epreto}[2]{%

```



```

2505 \if@bidi@undef{#1}
2506   {\edef#1{#2}}
2507   {\edef#1{#2\bid@expandonce#1}}
2508 \bid@newrobustcmd{\bid@gpreto}[2]{%
2509   \if@bidi@undef{#1}
2510     {\xdef#1{\unexpanded{#2}}}
2511     {\xdef#1{\unexpanded{#2}\bid@expandonce#1}}
2512 \bid@newrobustcmd{\bid@xpreto}[2]{%
2513   \if@bidi@undef{#1}
2514     {\xdef#1{#2}}
2515     {\xdef#1{#2\bid@expandonce#1}}
2516
2517 \bid@newrobustcmd*{\bid@protected@epreto}{\bid@protected\bid@epreto}
2518 \bid@newrobustcmd*{\bid@protected@xpreto}{\bid@protected\bid@xpreto}
2519
2520
2521
2522 \bid@newrobustcmd*{\bid@csappto}[1]{\expandafter\bid@appto\csname#1\endcsname}
2523 \bid@newrobustcmd*{\bid@cseappto}[1]{\expandafter\bid@eappto\csname#1\endcsname}
2524 \bid@newrobustcmd*{\bid@csgappto}[1]{\expandafter\bid@gappto\csname#1\endcsname}
2525 \bid@newrobustcmd*{\bid@csxappto}[1]{\expandafter\bid@xappto\csname#1\endcsname}
2526 \bid@newrobustcmd*{\bid@protected@cseappto}{\bid@protected\bid@cseappto}
2527 \bid@newrobustcmd*{\bid@protected@csxappto}{\bid@protected\bid@csxappto}
2528
2529
2530
2531 \bid@newrobustcmd*{\bid@cspreto}[1]{\expandafter\bid@preto\csname#1\endcsname}
2532 \bid@newrobustcmd*{\bid@csepreto}[1]{\expandafter\bid@epreto\csname#1\endcsname}
2533 \bid@newrobustcmd*{\bid@csgpreto}[1]{\expandafter\bid@gpreto\csname#1\endcsname}
2534 \bid@newrobustcmd*{\bid@csxpreto}[1]{\expandafter\bid@xpreto\csname#1\endcsname}
2535 \bid@newrobustcmd*{\bid@protected@csepreto}{\bid@protected\bid@csepreto}
2536 \bid@newrobustcmd*{\bid@protected@csxpreto}{\bid@protected\bid@csxpreto}
2537
2538
2539
2540 \bid@newrobustcmd{\if@bidi@patchable}{%
2541   \bid@dbg@trce\if@bidi@patchable
2542   \begingroup
2543   \@makeother\#%
2544   \@ifstar\bid@ifpatchablei\bid@ifpatchable}
2545
2546 \long\def\bid@ifpatchable#1#2{%
2547   \endgroup
2548   \bid@dbg@init#1%
2549   \if@bidi@undef{#1}
2550     {\bid@dbg@fail{def}}\@secondoftwo}
2551     {\bid@dbg@info{def}}%
2552     \if@bidi@defmacro{#1}
2553       {\bid@dbg@info{mac}}%
2554       \bid@ifscanable{#1}

```




```

2555         {\bidi@ifhashcheck{#2}
2556         {\bidi@dbg@info{tok}%
2557         \bidi@ifpattern#1{#2}
2558         {\bidi@dbg@info{pat}%
2559         \bidi@dbg@info{pos}\@firstoftwo}
2560         {\bidi@dbg@fail{pat}\@secondoftwo}}
2561         {\bidi@dbg@fail{hsh}\@secondoftwo}}
2562         {\bidi@dbg@fail{tok}\@secondoftwo}}
2563         {\bidi@dbg@fail{mac}\@secondoftwo}}}}
2564
2565 \long\def\bidi@ifpatchable@i#1{%
2566 \endgroup
2567 \bidi@dbg@init#1%
2568 \if@bidi@undef{#1}
2569 {\bidi@dbg@fail{def}\@secondoftwo}
2570 {\bidi@dbg@info{def}%
2571 \if@bidi@defmacro{#1}
2572 {\bidi@dbg@info{mac}%
2573 \if@bidi@defparam{#1}
2574 {\bidi@dbg@info{prm}%
2575 \bidi@ifscanable{#1}
2576 {\bidi@dbg@info{tok}%
2577 \bidi@dbg@info{pos}\@firstoftwo}
2578 {\bidi@dbg@fail{tok}\@secondoftwo}}
2579 {\bidi@dbg@info{prl}%
2580 \if@bidi@defprotected{#1}
2581 {\bidi@dbg@info{pro}}
2582 {}%
2583 \bidi@dbg@info{pos}\@firstoftwo}}
2584 {\bidi@dbg@fail{mac}\@secondoftwo}}}}
2585
2586 \bidi@newrobustcmd*{\bidi@patchcmd}{%
2587 \bidi@dbg@trce\bidi@patchcmd
2588 \begingroup
2589 \@makeother\#%
2590 \bidi@patchcmd}
2591
2592 \newcommand{\bidi@patchcmd}[4][#####1]{%
2593 \bidi@ifpatchable#2{#3}
2594 {\bidi@dbg@succ{ret}%
2595 \begingroup
2596 \edef\bidi@resrvda{%
2597 \def\noexpand\bidi@resrvda####1\detokenize{macro:}####2->####3{%
2598 #1\def\string\bidi@resrvda\space####2{\noexpand\bidi@resrvdb####3&}}%
2599 \def\noexpand\bidi@resrvdb####1\detokenize{#3}####2&{%
2600 ####1\detokenize{#4}####2}%
2601 \edef\noexpand\bidi@resrvda{%
2602 \noexpand\bidi@resrvda\meaning#2&}}%
2603 \bidi@resrvda
2604 \bidi@patchcmd@scantoks\bidi@resrvda

```



```

2605 \let#2\bidi@resrvda
2606 \bidi@undef\bidi@resrvda
2607 \@firstoftwo}
2608 {\@secondoftwo}}
2609
2610 \def\bidi@patchcmd@scantoks#1{%
2611 \edef\bidi@resrvda{\endgroup
2612 \unexpanded{\makeatletter\scantokens}{#1}%
2613 \catcode\number`\@=\the\catcode`\@relax}%
2614 \bidi@resrvda}
2615
2616 \newcommand\bidi@isloaded[2] [] {
2617 \expandafter\ifx\csname if@bidi@#2loaded@endcsname\relax
2618 \expandafter\newif\csname if@bidi@#2loaded@endcsname
2619 \fi
2620 \@ifpackageloaded{#2}
2621 {\csname @bidi@#2loaded@true\endcsname #1}
2622 {\csname @bidi@#2loaded@false\endcsname}}
2623
2624 \protected\def\bidi@ifscanable#1{%
2625 \begingroup
2626 \edef\bidi@resrvda{%
2627 \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
2628 ####1\def\string\bidi@resrvda####2{####3}}}%
2629 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda\meaning#1&}}%
2630 \bidi@resrvda
2631 \makeatletter
2632 \scantokens\expandafter{\bidi@resrvda}%
2633 \expandafter\endgroup\ifx#1\bidi@resrvda
2634 \expandafter\@firstoftwo
2635 \else
2636 \expandafter\@secondoftwo
2637 \fi}
2638
2639
2640 \protected\long\def\bidi@ifhashcheck#1{%
2641 \begingroup
2642 \edef\bidi@resrvda{\detokenize{#1}}%
2643 \expandafter\endgroup
2644 \expandafter\bidi@ifhashcheck@i\meaning\bidi@resrvda&}
2645
2646 \edef\bidi@ifhashcheck@i#1&{%
2647 \noexpand\expandafter
2648 \noexpand\bidi@ifhashcheck@ii
2649 \noexpand\strip@prefix#1\string#\string#&}
2650
2651 \edef\bidi@ifhashcheck@ii{%
2652 \def\noexpand\bidi@ifhashcheck@ii##1\string#\string###2&
2653 \bidi@ifhashcheck@ii{\if@bidi@blank{#2}}
2654

```




```

2705 \begingroup
2706 \@makeother\#%
2707 \bidi@hooktocmd\bidi@prepend}
2708
2709 \long\def\bidi@hooktocmd#1#2#3{%
2710 \endgroup
2711 \bidi@dbg@init#2%
2712 \if@bidi@undef{#2}
2713   {\bidi@dbg@fail{def}\@secondoftwo}
2714   {\bidi@dbg@info{def}%
2715     \if@bidi@defmacro{#2}
2716       {\bidi@dbg@info{mac}%
2717         \if@bidi@defparam{#2}
2718           {\bidi@dbg@info{prm}%
2719             \bidi@ifscanable{#2}
2720               {\bidi@ifhashcheck{#3}
2721                 {\bidi@dbg@info{tok}%
2722                   \bidi@dbg@succ{ret}%
2723                   \bidi@hooktocmd#i#1#2{#3}%
2724                   \@firstoftwo}
2725                 {\bidi@dbg@fail{hsh}\@secondoftwo}}
2726               {\bidi@dbg@fail{tok}\@secondoftwo}}
2727             {\bidi@dbg@info{prl}%
2728               \if@bidi@defprotected{#2}
2729                 {\bidi@dbg@info{pro}%
2730                   \bidi@dbg@succ{red}%
2731                   \protected}
2732                 {\bidi@dbg@succ{red}}}%
2733             \edef#2{#1{\bidi@expandonce#2}{\unexpanded{#3}}}%
2734             \@firstoftwo}}
2735           {\bidi@dbg@fail{mac}\@secondoftwo}}}}
2736
2737 \long\def\bidi@hooktocmd#i#1#2#3{%
2738 \begingroup
2739 \edef\bidi@resrvda{%
2740   \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
2741     ####1\def\string\bidi@resrvda\space####2{#1{####3}{\detokenize{#3}}}}}%
2742   \edef\noexpand\bidi@resrvda{%
2743     \noexpand\bidi@resrvda\meaning#2&}}}%
2744 \bidi@resrvda
2745 \bidi@patchcmd@scantoks\bidi@resrvda
2746 \let#2\bidi@resrvda
2747 \bidi@undef\bidi@resrvda}
2748
2749 \long\def\bidi@append#1#2{#1#2}
2750 \long\def\bidi@prepend#1#2{#2#1}
2751
2752 \bidi@newrobustcmd*{\bidi@AtEndPreamble}{\bidi@gappto\bidi@endpreamblehook}
2753 \newcommand*{\bidi@endpreamblehook}{}
2754

```



```

2755 \bidi@preto\document{%
2756   \endgroup
2757   \let\bidi@AtEndPreamble\@firstofone
2758   \bidi@endpreamblehook
2759   \protected\def\bidi@AtEndPreamble{\@notprerr\@gobble}%
2760   \bidi@undef\bidi@endpreamblehook
2761   \begingroup}
2762
2763 \bidi@newrobustcmd*{\bidi@AfterPreamble}{\AtBeginDocument}
2764 \bidi@AtEndPreamble{\let\bidi@AfterPreamble\@firstofone}
2765
2766 \bidi@newrobustcmd*{\bidi@AfterEndPreamble}{\bidi@gappto\bidi@afterendpreamblehook}
2767 \newcommand*{\bidi@afterendpreamblehook}{}
2768
2769 \bidi@appto\document{%
2770   \let\bidi@AfterEndPreamble\@firstofone
2771   \bidi@afterendpreamblehook
2772   \protected\def\bidi@AfterEndPreamble{\@notprerr\@gobble}%
2773   \bidi@undef\bidi@afterendpreamblehook
2774   \ignorespaces}
2775
2776 \AtEndDocument{\let\bidi@AfterEndPreamble\@gobble}
2777
2778 \bidi@newrobustcmd*{\bidi@AfterEndDocument}{\bidi@gappto\bidi@afterendddocumenthook}
2779 \newcommand*{\bidi@afterendddocumenthook}{}
2780
2781 \bidi@patchcmd\enddocument
2782   {\deadcycles}
2783   {\let\bidi@AfterEndDocument\@firstofone
2784     \bidi@afterendddocumenthook
2785     \deadcycles}
2786   {}
2787   {\let\bidi@@end@@end
2788     \def@@end{%
2789       \let\bidi@AfterEndDocument\@firstofone
2790       \bidi@afterendddocumenthook
2791       \bidi@@end}}
2792
2793 \bidi@newrobustcmd{\bidi@AtBeginEnvironment}[1]{%
2794   \bidi@csgappto{@begin@#1@hook}}
2795
2796 \bidi@patchcmd\begin
2797   {\csname #1\endcsname}
2798   {\bidi@csuse{@begin@#1@hook}%
2799     \csname #1\endcsname}
2800   {}
2801   {\bidi@warning{%
2802     Patching '\string\begin' failed!\MessageBreak
2803     '\string\bidi@AtBeginEnvironment' will not work\@gobble}}
2804

```



```

2805
2806
2807 \bidi@newrobustcmd{\bidi@AtEndEnvironment}[1]{%
2808   \bidi@csgappto{@end@#1@hook}}
2809
2810 \bidi@patchcmd\end
2811   {\csname end#1\endcsname}
2812   {\bidi@csuse{@end@#1@hook}%
2813    \csname end#1\endcsname}
2814   {}
2815   {\bidi@warning{%
2816     Patching '\string\end' failed!\MessageBreak
2817     '\string\bidi@AtEndEnvironment' will not work@gobble}}
2818
2819
2820
2821 \bidi@newrobustcmd{\bidi@BeforeBeginEnvironment}[1]{%
2822   \bidi@csgappto{@beforebegin@#1@hook}}
2823
2824 \bidi@pretocmd\begin
2825   {\bidi@csuse{@beforebegin@#1@hook}}
2826   {}
2827   {\bidi@warning{%
2828     Patching '\string\begin' failed!\MessageBreak
2829     '\string\bidi@BeforeBeginEnvironment' will not work@gobble}}
2830
2831
2832
2833 \bidi@newrobustcmd{\bidi@AfterEndEnvironment}[1]{%
2834   \bidi@csgappto{@afterend@#1@hook}}
2835
2836 \bidi@patchcmd\end
2837   {\if@ignore}
2838   {\bidi@csuse{@afterend@#1@hook}%
2839    \if@ignore}
2840   {}
2841   {\bidi@warning{%
2842     Patching '\string\end' failed!\MessageBreak
2843     '\string\bidi@AfterEndEnvironment' will not work@gobble}}

```

7.20 bidituftefloat.sty

```

2844 \NeedsTeXFormat{LaTeX2e}
2845 \ProvidesPackage{bidituftefloat}[2011/06/14 v0.1
2846   bidi implementation of tufte float]
2847 \RequirePackage{xifthen}
2848 \newcommand{\@bidituftefloat@pkgname}{bidituftefloat}
2849 \newcommand{\bidituftefloatError}[2]{\PackageError{\@bidituftefloat@pkgname}{#1}{#2}}
2850 \newcommand{\bidituftefloatDebugInfoNL}[1]{\ifthenelse{\boolean{\@bidituftefloat@debug}}{\bidi
2851 \newcommand{\bidituftefloatInfoNL}[1]{\PackageInfo{\@bidituftefloat@pkgname}{#1@gobble}}

```



```

2852 \newboolean{@biditytfloat@RTLgeometry}
2853 \setboolean{@biditytfloat@RTLgeometry}{true}
2854 \DeclareOption{RTLgeometry}{\setboolean{@biditytfloat@RTLgeometry}{true}}
2855 \DeclareOption{LTRgeometry}{\setboolean{@biditytfloat@RTLgeometry}{false}}
2856 \newboolean{@biditytfloat@a4paper}
2857 \DeclareOption{a4paper}{\setboolean{@biditytfloat@a4paper}{true}}
2858 \newboolean{@biditytfloat@b5paper}
2859 \DeclareOption{b5paper}{\setboolean{@biditytfloat@b5paper}{true}}
2860 \newboolean{@biditytfloat@symmetric}
2861 \newboolean{@biditytfloat@twoside}
2862 \DeclareOption{twoside}{%
2863 \@twosidefalse \mparswitchtrue%
2864 \setboolean{@biditytfloat@twoside}{true}%
2865 \setboolean{@biditytfloat@symmetric}{true}%
2866 }
2867 \DeclareOption{oneside}{%
2868 \@twosidefalse \mparswitchfalse%
2869 \setboolean{@biditytfloat@twoside}{false}%
2870 \setboolean{@biditytfloat@symmetric}{false}%
2871 }
2872 \ifclassloaded{book}{\ExecuteOptions{twoside}}{}
2873 \newboolean{@biditytfloat@debug}
2874 \newcommand*{\@biditytfloat@caption@justification}{\@biditytfloat@justification@autodetect}
2875 \ProcessOptions
2876 %% Globally sets the length
2877 \newcommand*{\gsetlength}[2]{%
2878 \setlength{#1}{#2}%
2879 \global#1=#1\relax%
2880 }
2881 %% Globally sets a boolean
2882 \newcommand*{\gsetboolean}[2]{% based on code from ifthen pkg
2883 \lowercase{\def\@tempa{#2}}%
2884 \@ifundefined{@tempa}{\@tempa}%
2885 {\PackageError{ifthen}{You can only set a boolean to `true' or `false'}{\@ehc}%
2886 {\@ifundefined{#1\@tempa}%
2887 {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
2888 {\global\csname#1\@tempa\endcsname}%
2889 }%
2890 }
2891 %% Set the font sizes and baselines to match biditytfloat's books
2892 \renewcommand\normalsize{%
2893 \setfontsize\normalsize\@xpt{14}%
2894 \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
2895 \abovedisplayshortskip \z@ \@plus3\p@
2896 \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
2897 \belowdisplayskip \abovedisplayskip
2898 \let\@listi\@listI}
2899 \normalbaselineskip=14pt
2900 \normalsize
2901 \renewcommand\footnotesize{%

```



```

2902 \@setfontsize\footnotesize\@viipt{10}%
2903 \abovedisplayskip 6\p@ \@plus2\p@ \@minus4\p@
2904 \abovedisplayshortskip \z@ \@plus\p@
2905 \belowdisplayshortskip 3\p@ \@plus\p@ \@minus2\p@
2906 \def\@listi{\leftmargin\leftmargini
2907             \topsep 3\p@ \@plus\p@ \@minus\p@
2908             \parsep 2\p@ \@plus\p@ \@minus\p@
2909             \itemsep \parsep}%
2910 \belowdisplayskip \abovedisplayskip
2911 }
2912 %% Paragraph indentation and separation for marginal text
2913 \newcommand{\@biditytfloat@margin@par}{%
2914   \setlength{\RaggedRightParindent}{0.5pc}%
2915   \setlength{\JustifyingParindent}{0.5pc}%
2916   \setlength{\parindent}{0.5pc}%
2917   \setlength{\parskip}{0pt}%
2918 }
2919 \RequirePackage{ragged2e}
2920 \ifthenelse{\boolean{@biditytfloat@RTLgeometry}}{%
2921 \RequirePackage[letterpaper,right=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar=
2922 \ifthenelse{\boolean{@biditytfloat@afourpaper}}
2923   {\geometry{a4paper,right=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar=
2924   {}
2925 \ifthenelse{\boolean{@biditytfloat@bfivepaper}}
2926   {\geometry{paperwidth=176mm,paperheight=250mm,right=14.66mm,top=13.88mm,textwidth=102.66mm,ma
2927   {}}%
2928 \RequirePackage[letterpaper,left=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar=
2929 \ifthenelse{\boolean{@biditytfloat@afourpaper}}
2930   {\geometry{a4paper,left=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar=
2931   {}
2932 \ifthenelse{\boolean{@biditytfloat@bfivepaper}}
2933   {\geometry{paperwidth=176mm,paperheight=250mm,left=14.66mm,top=13.88mm,textwidth=102.66mm,ma
2934   {}
2935 \ifthenelse{\boolean{@biditytfloat@symmetric}}
2936   {}
2937   {\geometry{asymmetric}}}% forces internal LaTeX `twoside'
2938 \setlength\marginparpush{10pt}
2939 %% Font for margin items
2940 \newcommand{\@biditytfloat@marginfont}{\normalfont\footnotesize}
2941 \newcommand*{\@biditytfloat@caption@font}{\@biditytfloat@marginfont}
2942 \newcommand*{\setcaptionfont}[1]{\renewcommand*{\@biditytfloat@caption@font}{#1}}
2943 \newcommand{\@biditytfloat@justification}{\justifying}%
2944 \setlength\abovedisplayskip{6pt plus 2pt minus 4pt}
2945 \setlength\belowdisplayskip{6pt plus 2pt minus 4pt}
2946 \newboolean{@biditytfloat@changepage}
2947 \IfFileExists{changepage.sty}{%
2948   \biditytfloat@DebugInfoNL{Found changepage.sty}
2949   \RequirePackage[strict]{changepage}
2950   \setboolean{@biditytfloat@changepage}{true}
2951 }{%

```




```

2952 \biditytfloatDebugInfoNL{Found chngpage.sty}
2953 \RequirePackage[strict]{chngpage}
2954 \setboolean{@biditytfloat@changepage}{false}
2955 }
2956 \newboolean{@biditytfloat@odd@page}
2957 \setboolean{@biditytfloat@odd@page}{true}
2958 \newcommand*{\@biditytfloat@checkoddpage}{%
2959 \checkoddpage%
2960 \ifthenelse{\boolean{@biditytfloat@changepage}}{%
2961 \ifoddpage%
2962 \setboolean{@biditytfloat@odd@page}{true}%
2963 \else%
2964 \setboolean{@biditytfloat@odd@page}{false}%
2965 \fi%
2966 }{%
2967 \ifcpoddpage%
2968 \setboolean{@biditytfloat@odd@page}{true}%
2969 \else%
2970 \setboolean{@biditytfloat@odd@page}{false}%
2971 \fi%
2972 }%
2973 }
2974 \newlength{\@biditytfloat@overhang}% used by the fullwidth environment and the running heads
2975 \newlength{\@biditytfloat@fullwidth}
2976 \newlength{\@biditytfloat@caption@fill}
2977 \newcommand{\biditytfloatRecalculate}{%
2978 \setlength{\@biditytfloat@overhang}{\marginparwidth}
2979 \addtolength{\@biditytfloat@overhang}{\marginparsep}
2980
2981 \setlength{\@biditytfloat@fullwidth}{\textwidth}
2982 \addtolength{\@biditytfloat@fullwidth}{\marginparsep}
2983 \addtolength{\@biditytfloat@fullwidth}{\marginparwidth}
2984
2985 \setlength{\@biditytfloat@caption@fill}{\textwidth}
2986 \addtolength{\@biditytfloat@caption@fill}{\marginparsep}
2987 }
2988 \AtBeginDocument{\biditytfloatRecalculate}
2989 \RequirePackage{optparams}% provides multiple optional arguments for commands
2990 \RequirePackage{placeins}
2991 \newsavebox{\@biditytfloat@margin@floatbox}
2992 \newenvironment{@biditytfloat@margin@float}[2][-1.2ex]%
2993 {\FloatBarrier% process all floats before this point so the figure/table numbers stay in order.
2994 \begin{lrbox}{\@biditytfloat@margin@floatbox}%
2995 \begin{minipage}{\marginparwidth}%
2996 \@biditytfloat@caption@font%
2997 \def\@capytype{#2}%
2998 \hbox{\vspace*{#1}%
2999 \@biditytfloat@caption@justification%
3000 \@biditytfloat@margin@par%
3001 \noindent%

```



```

3002 }
3003 {\end{minipage}}%
3004 \end{lrbox}}%
3005 \marginpar{\usebox{\@bidiutfefloat@margin@floatbox}}%
3006 }
3007 \newenvironment{marginfigure}[1][{-1.2ex}%
3008 {\begin{@bidiutfefloat@margin@float}[#1]{figure}}
3009 {\end{@bidiutfefloat@margin@float}}}
3010 \newenvironment{margintable}[1][{-1.2ex}%
3011 {\begin{@bidiutfefloat@margin@float}[#1]{table}}
3012 {\end{@bidiutfefloat@margin@float}}}
3013 \newcommand*{\@bidiutfefloat@justification@autodetect}{\justifying}%
3014
3015 \newcommand{\@bidiutfefloat@float@debug@info}{}% contains debug info generated as the float is
3016 \newcommand{\@bidiutfefloat@float@debug}[1]{% adds debug info to the queue for output
3017 \ifthenelse{\equal{\@bidiutfefloat@float@debug@info}{}}{%
3018 {\def\@bidiutfefloat@float@debug@info{#1}}%
3019 {\g@addto@macro\@bidiutfefloat@float@debug@info{\MessageBreak#1}}}%
3020 }
3021 \newcommand{\floatalignment}{x}% holds the current float alignment (t, b, h, p)
3022 \newcommand{\setfloatalignment}[1]{\global\def\floatalignment{#1}\@bidiutfefloat@float@debug
3023 \newboolean{@bidiutfefloat@float@recto}
3024 \newcommand{\forcerectofloat}{\gsetboolean{@bidiutfefloat@float@recto}{true}\@bidiutfefloat
3025 \newcommand{\forceversofloat}{\gsetboolean{@bidiutfefloat@float@recto}{false}\@bidiutfefloat
3026 \newsavebox{\@bidiutfefloat@figure@box}
3027 \newsavebox{\@bidiutfefloat@caption@box}
3028 \let\@bidiutfefloat@orig@float\@float
3029 \let\@bidiutfefloat@orig@endfloat\end@float
3030 \newlength{\@bidiutfefloat@caption@vertical@offset}
3031 \setlength{\@bidiutfefloat@caption@vertical@offset}{0pt}
3032 \newcommand{\@bidiutfefloat@stored@shortcaption}{%
3033 \newcommand{\@bidiutfefloat@stored@caption}{%
3034 \newcommand{\@bidiutfefloat@stored@label}{%
3035 \long\def\@bidiutfefloat@caption[#1][#2]#3{%
3036 \ifthenelse{\isempty{#1}}{%
3037 {\gdef\@bidiutfefloat@stored@shortcaption{#3}}%
3038 {\gdef\@bidiutfefloat@stored@shortcaption{#1}}%
3039 \gsetlength{\@bidiutfefloat@caption@vertical@offset}{-#2}% we want a positive offset to lower
3040 \gdef\@bidiutfefloat@stored@caption{#3}%
3041 }
3042 \newcommand{\@bidiutfefloat@label}[1]{%
3043 \gdef\@bidiutfefloat@stored@label{#1}%
3044 }
3045 \newcommand{\@bidiutfefloat@fps}{%
3046 \newboolean{@bidiutfefloat@float@star}
3047 \newlength{\@bidiutfefloat@float@contents@width}
3048 \newenvironment{@bidiutfefloat@float}[3][htbp]%
3049 {% begin @bidiutfefloat@float
3050 % Should this float be full-width or just text-width?
3051 \ifthenelse{\equal{#3}{star}}%

```



```

3052     {\gsetboolean{@bidituftefloat@float@star}{true}}%
3053     {\gsetboolean{@bidituftefloat@float@star}{false}}%
3054 % Check page side (recto/verso) and store detected value -- can be overridden in environment cont
3055     \@bidituftefloat@checkoddpag%
3056     \ifthenelse{\boolean{@bidituftefloat@odd@page}}%
3057     {\gsetboolean{@bidituftefloat@float@recto}{true}\@bidituftefloat@float@debug{Detected page
3058     {\gsetboolean{@bidituftefloat@float@recto}{false}\@bidituftefloat@float@debug{Detected page
3059 % If the float placement specifier is 'b' and only 'b', then bottom-align the mini-pages, otherw
3060     \renewcommand{\@bidituftefloat@fps}{#1}%
3061     \@bidituftefloat@float@debug{Allowed positions: [#1]}%
3062     \ifthenelse{\equal{#1}{b}\OR\equal{#1}{B}}%
3063     {\renewcommand{\floatalignment}{b}\@bidituftefloat@float@debug{Presumed position: [bottom]}%
3064     {\renewcommand{\floatalignment}{t}\@bidituftefloat@float@debug{Presumed position: [top]}}%
3065 % Capture the contents of the \caption and \label commands to use later
3066     \global\let\@bidituftefloat@orig@caption\caption%
3067     \global\let\@bidituftefloat@orig@label\label%
3068 \renewcommand{\caption}{\optparams{\@bidituftefloat@caption}{[0pt]}}%
3069 \renewcommand{\label}[1]{\@bidituftefloat@label{##1}}%
3070 % Handle subfigure package compatibility
3071 \ifthenelse{\boolean{@bidituftefloat@packages@subfigure}}{%
3072 % don't move the label while inside a \subfigure or \subtable command
3073     \global\let\label\@bidituftefloat@orig@label%
3074 }{% subfigure package is not loaded
3075     \@bidituftefloat@orig@float{#2}[#1]%
3076     \ifthenelse{\boolean{@bidituftefloat@float@star}}%
3077     {\setlength{\@bidituftefloat@float@contents@width}{\@bidituftefloat@fullwidth}}%
3078     {\setlength{\@bidituftefloat@float@contents@width}{\textwidth}}%
3079     \begin{lrbox}{\@bidituftefloat@figure@box}%
3080     \begin{minipage}{\floatalignment}{\@bidituftefloat@float@contents@width}\hbox{}%
3081 }{% end @bidituftefloat@float
3082     \par\hbox{}\vspace{-\baselineskip}\ifthenelse{\prevdepth>0}{\vspace{-\prevdepth}}{% align
3083     \end{minipage}%
3084     \end{lrbox}%
3085 % build the caption box
3086 \begin{lrbox}{\@bidituftefloat@caption@box}%
3087     \begin{minipage}{\floatalignment}{\marginparwidth}\hbox{}%
3088     \ifthenelse{\NOT\equal{\@bidituftefloat@stored@caption}{}}{\@bidituftefloat@orig@caption
3089     \ifthenelse{\NOT\equal{\@bidituftefloat@stored@label}{}}{\@bidituftefloat@orig@label{\@b
3090         \par\vspace{-\prevdepth}}% TODO: DOUBLE-CHECK FOR SAFETY
3091     \end{minipage}%
3092 \end{lrbox}%
3093 % now typeset the stored boxes
3094 \begin{fullwidth}%
3095     \begin{minipage}{\floatalignment}{\linewidth}%
3096     \ifthenelse{\boolean{@bidituftefloat@float@star}}%
3097     {\@bidituftefloat@float@fullwidth[\@bidituftefloat@caption@vertical@offset]{\@biditufte
3098     {\@bidituftefloat@float@textwidth[\@bidituftefloat@caption@vertical@offset]{\@biditufte
3099     \end{minipage}%
3100 \end{fullwidth}%
3101 \@bidituftefloat@orig@endfloat% end original LaTeX float environment

```



```

3102 % output debug info
3103 \ifthenelse{\boolean{@biditytfloat@debug}}{%
3104 \typeout{^^J^^J----- biditytfloat package float information -----}%
3105 \ifthenelse{\equal{\@biditytfloat@stored@label}{}}%
3106 {\typeout{Warning: Float unlabeled!}}%
3107 {\typeout{Float label: [\@biditytfloat@stored@label]}}%
3108 \typeout{Page number: [\thepage]}%
3109 \def\MessageBreak{^^J}%
3110 \typeout{\@biditytfloat@float@debug@info}%
3111 \ifthenelse{\boolean{@biditytfloat@symmetric}}%
3112 {\typeout{Symmetric: [true]}}%
3113 {\typeout{Symmetric: [false]}}%
3114 \typeout{-----^^J^^J}%
3115 }{}%
3116 % reset commands and temp boxes and captions
3117 \gdef\@biditytfloat@float@debug@info{}%
3118 \let\caption\@biditytfloat@orig@caption%
3119 \let\label\@biditytfloat@orig@label%
3120 \begin{lrbox}{\@biditytfloat@figure@box}\hbox{}\end{lrbox}%
3121 \begin{lrbox}{\@biditytfloat@caption@box}\hbox{}\end{lrbox}%
3122 \gdef\@biditytfloat@stored@shortcaption{}%
3123 \gdef\@biditytfloat@stored@caption{}%
3124 \gdef\@biditytfloat@stored@label{}%
3125 \gsetlength{\@biditytfloat@caption@vertical@offset}{0pt}% reset caption offset
3126 }
3127 \newcommand{\@biditytfloat@float@textwidth}[3][0pt]{%
3128 \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@recto}}%
3129 % asymmetric or page is odd, so caption is on the right
3130 \hbox{%
3131 \usebox{#2}%
3132 \hspace{\marginparsep}%
3133 \smash{\raisebox{#1}{\usebox{#3}}}%
3134 }
3135 \@biditytfloat@float@debug{Caption position: [right]}%
3136 }{% symmetric pages and page is even, so caption is on the left
3137 \hbox{%
3138 \smash{\raisebox{#1}{\usebox{#3}}}%
3139 \hspace{\marginparsep}%
3140 \usebox{#2}%
3141 }
3142 \@biditytfloat@float@debug{Caption position: [left]}%
3143 }%
3144 }
3145 \newcommand{\@biditytfloat@float@fullwidth}[3][0pt]{%
3146 \ifthenelse{\equal{\floatalignment}{b}}%
3147 {% place caption above figure
3148 \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@recto}}%
3149 {\hfill\smash{\raisebox{#1}{\usebox{#3}}}\par\usebox{#2}\@biditytfloat@float@debug{Cap
3150 {\smash{\raisebox{#1}{\usebox{#3}}}\hfill\par\usebox{#2}\@biditytfloat@float@debug{Cap
3151 }{% place caption below figure

```



```

3152 \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@rect}
3153 {\usebox{#2}\par\hfill\smash{\raisebox{#1}{\usebox{#3}}}\@biditytfloat@float@debug{Cap
3154 {\usebox{#2}\par\smash{\raisebox{#1}{\usebox{#3}}}\hfill\@biditytfloat@float@debug{Cap
3155 }%
3156 }
3157 \renewenvironment{figure}[1][htbp]%
3158 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{figure}{}}
3159 {\end{@biditytfloat@float}}
3160 \renewenvironment{table}[1][htbp]
3161 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{table}{}}
3162 {\end{@biditytfloat@float}}
3163 \renewenvironment{figure*}[1][htbp]%
3164 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{figure}{star}}
3165 {\end{@biditytfloat@float}}
3166 \renewenvironment{table*}[1][htbp]%
3167 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{table}{star}}
3168 {\end{@biditytfloat@float}}
3169 \newenvironment{fullwidth}
3170 {\ifthenelse{\boolean{@biditytfloat@symmetric}}%
3171 {\ifthenelse{\boolean{@biditytfloat@changepage}}{\begin{adjustwidth*}{-}\@biditytfloat@
3172 {\begin{adjustwidth}{-}\@biditytfloat@overhang}}%
3173 }%
3174 {\ifthenelse{\boolean{@biditytfloat@symmetric}}%
3175 {\ifthenelse{\boolean{@biditytfloat@changepage}}{\end{adjustwidth*}}{\end{adjustwidth}}}%
3176 {\end{adjustwidth}}}%
3177 }
3178 \long\def\@caption#1[#2]#3{%
3179 \par%
3180 \addcontentsline{\csname ext@#1\endcsname}{#1}%
3181 {\protect\numberline{\csname the#1\endcsname}{\ignorespaces #2}}%
3182 \begingroup%
3183 \@parboxrestore%
3184 \if@minipage%
3185 \@setminipage%
3186 \fi%
3187 \@biditytfloat@caption@font\@biditytfloat@caption@justification%
3188 \noindent\csname fnum@#1\endcsname: \ignorespaces#3\par%
3189 %\@makecaption{\csname fnum@#1\endcsname}{\ignorespaces #3}\par
3190 \endgroup}
3191 %%
3192 % Turns newlines into spaces. Based on code from the 'titlesec' package.
3193 \DeclareRobustCommand{\@biditytfloat@newlinetospace}{%
3194 \@ifstar{\@biditytfloat@newlinetospace@i}{\@biditytfloat@newlinetospace@i}%
3195 }
3196 \def\@biditytfloat@newlinetospace@i{%
3197 \ifdim\lastskip>z@\else\space\fi
3198 \ignorespaces%
3199 }
3200 \DeclareRobustCommand{\newlinetospace}[1]{%
3201 \let\@biditytfloat@orig@cr\% save the original meaning of \

```



```

3202 \def\\{\@bidityfteheading@newlinetospace}% turn \\ and \\* into \space
3203 \let\newline\\% turn \newline into \space
3204 #1%
3205 \let\\\\@bidityfteheading@orig@cr% revert to original meaning of \\
3206 }
3207 \RequirePackage{fancyhdr}
3208 \pagestyle{fancy}
3209 \AtBeginDocument{%
3210 \ifthenelse{\boolean{@bidityftefloat@symmetric}}
3211   {\fancyhfoffset[LE,RO]{\@bidityftefloat@overhang}}
3212   {\fancyhfoffset[RE,RO]{\@bidityftefloat@overhang}}
3213 }
3214 % The running heads/feet don't have rules
3215 \renewcommand{\headrulewidth}{0pt}
3216 \renewcommand{\footrulewidth}{0pt}
3217 % The 'fancy' page style is the default style for all pages.
3218 \fancyhf{} % clear header and footer fields
3219 \ifthenelse{\boolean{@bidityftefloat@symmetric}}
3220   {\fancyhead[LE]{\thepage\quad\textsl{\newlinetospace{\plainauthor}}}%
3221    \fancyhead[RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3222   {\fancyhead[RE,RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3223 % The 'plain' page style is used on chapter opening pages.
3224 % In Tufte's /Beautiful Evidence/ he never puts page numbers at the
3225 % bottom of pages -- the folios are unexpressed.
3226 \fancypagestyle{plain}{
3227   \fancyhf{} % clear header and footer fields
3228   % Uncomment the following five lines of code if you want the opening page
3229   % of the chapter to express the folio in the lower outside corner.
3230   % \ifthenelse{\boolean{@bidityftefloat@symmetric}}
3231   %   {\fancyfoot[LE,RO]{\thepage}}
3232   %   {\fancyfoot[RE,RO]{\thepage}}
3233 }
3234 % The 'empty' page style suppresses all headers and footers.
3235 % It's used on title pages and 'intentionally blank' pages.
3236 \fancypagestyle{empty}{
3237   \fancyhf{} % clear header and footer fields
3238 }
3239 \def\morefloats{% provides a total of 52 floats
3240   \ifthenelse{\isundefined{\bx@S}}{%
3241     \bidityftefloatDebugInfoNL{Adding 34 more float slots.}
3242     \newinsert\bx@S
3243     \newinsert\bx@T
3244     \newinsert\bx@U
3245     \newinsert\bx@V
3246     \newinsert\bx@W
3247     \newinsert\bx@X
3248     \newinsert\bx@Y
3249     \newinsert\bx@Z
3250     \newinsert\bx@a
3251     \newinsert\bx@b

```



```

3252 \newinsert\bx@c
3253 \newinsert\bx@d
3254 \newinsert\bx@e
3255 \newinsert\bx@f
3256 \newinsert\bx@g
3257 \newinsert\bx@h
3258 \newinsert\bx@i
3259 \newinsert\bx@j
3260 \newinsert\bx@k
3261 \newinsert\bx@l
3262 \newinsert\bx@m
3263 \newinsert\bx@n
3264 \newinsert\bx@o
3265 \newinsert\bx@p
3266 \newinsert\bx@q
3267 \newinsert\bx@r
3268 \newinsert\bx@s
3269 \newinsert\bx@t
3270 \newinsert\bx@u
3271 \newinsert\bx@v
3272 \newinsert\bx@w
3273 \newinsert\bx@x
3274 \newinsert\bx@y
3275 \newinsert\bx@z
3276 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
3277 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
3278 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
3279 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
3280 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
3281 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
3282 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3283 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3284 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3285 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3286 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3287 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z}%
3288 }{% we've already added another 34 floats, so we'll add 26 more, but that's it!
3289 \ifthenelse{\isundefined{\bx@AA}}{%
3290 \bidituftefloatDebugInfoNL{Adding 26 more float slots.}
3291 \newinsert\bx@AA
3292 \newinsert\bx@BB
3293 \newinsert\bx@CC
3294 \newinsert\bx@DD
3295 \newinsert\bx@EE
3296 \newinsert\bx@FF
3297 \newinsert\bx@GG
3298 \newinsert\bx@HH
3299 \newinsert\bx@II
3300 \newinsert\bx@JJ
3301 \newinsert\bx@KK

```



```

3302 \newinsert\bx@LL
3303 \newinsert\bx@MM
3304 \newinsert\bx@NN
3305 \newinsert\bx@OO
3306 \newinsert\bx@PP
3307 \newinsert\bx@QQ
3308 \newinsert\bx@RR
3309 \newinsert\bx@SS
3310 \newinsert\bx@TT
3311 \newinsert\bx@UU
3312 \newinsert\bx@VV
3313 \newinsert\bx@WW
3314 \newinsert\bx@XX
3315 \newinsert\bx@YY
3316 \newinsert\bx@ZZ
3317 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
3318 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
3319 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
3320 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
3321 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
3322 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
3323 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3324 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3325 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3326 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3327 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3328 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z
3329 \@elt\bx@AA\@elt\bx@BB\@elt\bx@CC\@elt\bx@DD\@elt\bx@EE
3330 \@elt\bx@FF\@elt\bx@GG\@elt\bx@HH\@elt\bx@II\@elt\bx@JJ
3331 \@elt\bx@KK\@elt\bx@LL\@elt\bx@MM\@elt\bx@NN
3332 \@elt\bx@OO\@elt\bx@PP\@elt\bx@QQ\@elt\bx@RR
3333 \@elt\bx@SS\@elt\bx@TT\@elt\bx@UU\@elt\bx@VV
3334 \@elt\bx@WW\@elt\bx@XX\@elt\bx@YY\@elt\bx@ZZ}%
3335 }{%
3336 \biditytfloatError{You may only call \string\morefloats\space twice. See the\MessageBreak
3337 {There are already 78 float slots allocated. Try using \string\FloatBarrier\space or\MessageBreak
3338 }%
3339 }%
3340 }
3341 \newboolean{@biditytfloat@packages@subfigure}
3342 \setboolean{@biditytfloat@packages@subfigure}{false}
3343 \AtBeginDocument{%
3344 \ifpackageloaded{subfigure}
3345 {\gsetboolean{@biditytfloat@packages@subfigure}{true}}
3346 {\gsetboolean{@biditytfloat@packages@subfigure}{false}}}%
3347 }
3348 \AtBeginDocument{%
3349 \ifpackageloaded{float}{%
3350 % Save the redefined float environment (instead of the LaTeX float environment)
3351 \let\@biditytfloat@orig@float\@float

```




```

3352 \let\@biditytfloat@orig@endfloat\endfloat
3353
3354 % Define Tuftian float styles (with the caption in the margin)
3355 \newcommand{\floatc@biditytfloatplain}[2]{%
3356   \begin{lrbox}{\@biditytfloat@caption@box}%
3357     \begin{minipage}[\floatalignment]{\marginparwidth}\hbox{%
3358       \@biditytfloat@caption@font{\@fs@cfont #1:} #2\par%
3359     }\end{minipage}%
3360   \end{lrbox}%
3361   \smash{\hspace{\@biditytfloat@caption@fill}}\usebox{\@biditytfloat@caption@box}}%
3362 }
3363 \newcommand{\fs@biditytfloatplain}{%
3364   \def\@fs@cfont{\@biditytfloat@caption@font}%
3365   \let\@fs@capt\floatc@biditytfloatplain%
3366   \def\@fs@pre{%
3367     \def\@fs@post{%
3368       \def\@fs@mid{%
3369         \let\@fs@iftopcapt\iftrue%
3370       }
3371       \let\fs@biditytfloatplaintop=\fs@biditytfloatplain
3372       \let\floatc@biditytfloatplaintop=\floatc@biditytfloatplain
3373       \newcommand\floatc@biditytfloatruled[2]{%
3374         {\@fs@cfont #1} #2\par%
3375       }
3376       \newcommand\fs@biditytfloatruled{%
3377         \def\@fs@cfont{\@biditytfloat@caption@font}%
3378         \let\@fs@capt\floatc@biditytfloatplain%
3379         \def\@fs@pre{\hrule height.8pt depth0pt width\textwidth \kern2pt}%
3380         \def\@fs@post{\kern2pt\hrule width\textwidth\relax}%
3381         \def\@fs@mid{%
3382           \let\@fs@iftopcapt\iftrue%
3383         }
3384         \newcommand\fs@biditytfloatboxed{%
3385           \def\@fs@cfont{%
3386             \let\@fs@capt\floatc@biditytfloatplain%
3387             \def\@fs@pre{%
3388               \setbox\@currbox\vbox{\hbadness10000
3389                 \moveleft3.4pt\vbox{\advance\hsize by6.8pt
3390                   \hrule \hbox to\hsize{\vrule\kern3pt
3391                     \vbox{\kern3pt\box\@currbox\kern3pt}\kern3pt\vrule}\hrule}}
3392             }%
3393             \def\@fs@mid{\kern2pt}%
3394             \def\@fs@post{%
3395               \let\@fs@iftopcapt\iftrue%
3396             }
3397           }%
3398           % Nothing to do
3399         }
3400       }
3401 \AtBeginDocument{%

```



```

3402 \@ifpackageloaded{algorithm}{%
3403   % Set the float style to the TufTian version
3404   \ifthenelse{equal{\ALG@floatstyle}{plain}\OR\equal{\ALG@floatstyle}{ruled}\OR\equal{\ALG@floatstyle}{list}}{}{
3405     \bidituftefloatInfoNL{Switching algorithm float style from \ALG@floatstyle\MessageBreak to b
3406     \floatstyle{bidituftefloat\ALG@floatstyle}%
3407     \restylefloat{algorithm}%
3408   }{}%
3409 }{%
3410   % Nothing to do
3411 }
3412 }
3413 \PassOptionsToPackage{caption=false}{subfig}

```

```

3414 \NeedsTeXFormat{LaTeX2e}
3415 \ProvidesPackage{bidiuftesidenote}[2014/12/28 v0.2
3416 bidi implementation of tufte sidenote]
3417 \RequirePackage{xifthen}
3418 \RequirePackage{ragged2e}
3419 \RequirePackage{setspace}
3420 \RequirePackage{hopatch}
3421 \def\bidiuftesidenotemarginpar{%
3422   \ifhmode
3423     \@bsphack
3424     \@floatpenalty -\@Mii
3425   \else
3426     \@floatpenalty -\@Miii
3427   \fi
3428   \ifinner
3429     \@parmoderr
3430     \@floatpenalty \z@
3431   \else
3432     \@next\@currbox\@freelist{}\{}%
3433     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3434     {\@floatpenalty\z@
3435      \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
3436   \fi
3437   \ifnextchar [\@bidiuftesidenotexmpar\@bidiuftesidenoteympar}
3438 \long\def\@bidiuftesidenotexmpar[#1]#2{%
3439   \@bidiuftesidenotesavemarbox\@marbox{#1}%
3440   \@bidiuftesidenotesavemarbox\@currbox{#2}%
3441   \@xympar}
3442 \long\def\@bidiuftesidenoteympar#1{%
3443   \@bidiuftesidenotesavemarbox\@marbox{#1}%
3444   \global\setbox\@currbox\copy\@marbox
3445   \@xympar}
3446 \long\def \@bidiuftesidenotesavemarbox #1#2{%
3447   \global\setbox #1%
3448   \color@vbox

```



```

3449     \vtop{%
3450         \hsize\marginparwidth
3451         \@parboxrestore
3452         \@bidityftesidenotemarginparreset
3453         #2%
3454         \@minipagefalse
3455         \outer@nobreak
3456     }%
3457     \color@endbox
3458 }
3459 \def \@bidityftesidenotemarginparreset {%
3460     \reset@font
3461     \normalsize
3462     \@minipagetrue
3463     \everypar{\@minipagefalse\everypar{}\if@RTL@footnote\beginR\else\beginL\fi}%
3464 }
3465 \def \LTRbidityftesidenotemarginpar{%
3466     \ifhmode
3467         \@bsphack
3468         \@floatpenalty -\@Mii
3469     \else
3470         \@floatpenalty-\@Miii
3471     \fi
3472     \ifinner
3473         \@parmoderr
3474         \@floatpenalty\z@
3475     \else
3476         \@next\@currbox\@freelist{}\}%
3477         \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3478         {\@floatpenalty\z@
3479         \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
3480     \fi
3481     \@ifnextchar [\@LTRbidityftesidenotexmpar\@LTRbidityftesidenoteympar}
3482 \long\def\@LTRbidityftesidenotexmpar[#1]#2{%
3483     \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3484     \@LTRbidityftesidenotesavemarbox\@currbox{#2}%
3485     \@xympar}
3486 \long\def\@LTRbidityftesidenoteympar#1{%
3487     \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3488     \global\setbox\@currbox\copy\@marbox
3489     \@xympar}
3490 \long\def \@LTRbidityftesidenotesavemarbox #1#2{%
3491     \global\setbox #1%
3492     \color@vbox
3493     \vtop{%
3494         \hsize\marginparwidth
3495         \@parboxrestore
3496         \@LTRbidityftesidenotemarginparreset
3497         #2%
3498         \@minipagefalse

```



```

3499         \outer@nobreak
3500     }%
3501     \color@endbox
3502 }
3503 \def \@LTRbiditytesidenotemarginparreset {%
3504     \reset@font
3505     \normalsize
3506     \@minipagetrue
3507     \everypar{\@minipagefalse\everypar{}\beginL}%
3508 }
3509 \def\RTLbiditytesidenotemarginpar{%
3510     \ifhmode
3511         \@bsphack
3512         \@floatpenalty -\@Mii
3513     \else
3514         \@floatpenalty-\@Miii
3515     \fi
3516     \ifinner
3517         \@parmoderr
3518         \@floatpenalty\z@
3519     \else
3520         \@next\@currbox\@freelist{}\}%
3521         \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3522         {\@floatpenalty\z@
3523         \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
3524     \fi
3525     \@ifnextchar [\@RTLbiditytesidenotexmpar\@RTLbiditytesidenoteympar}
3526 \long\def\@RTLbiditytesidenotexmpar[#1]#2{%
3527     \@RTLbiditytesidenotesavemarbox\@marbox{#1}%
3528     \@RTLbiditytesidenotesavemarbox\@currbox{#2}%
3529     \@xympar}
3530 \long\def\@RTLbiditytesidenoteympar#1{%
3531     \@RTLbiditytesidenotesavemarbox\@marbox{#1}%
3532     \global\setbox\@currbox\copy\@marbox
3533     \@xympar}
3534 \long\def \@RTLbiditytesidenotesavemarbox #1#2{%
3535     \global\setbox #1%
3536         \color@vbox
3537         \vtop{%
3538             \hsize\marginparwidth
3539             \@parboxrestore
3540             \@RTLbiditytesidenotemarginparreset
3541             #2%
3542             \@minipagefalse
3543             \outer@nobreak
3544             }%
3545     \color@endbox
3546 }
3547 \def \@RTLbiditytesidenotemarginparreset {%
3548     \reset@font

```



```

3549         \normalsize
3550         \@minipagetrue
3551         \everypar{\@minipagefalse\everypar{}\beginR}%
3552     }
3553     \newcommand{\@bidiuftesidenote@marginfont}{\normalfont\footnotesize}
3554     \newcommand*{\@bidiuftesidenote@sidenote@font}{\@bidiuftesidenote@marginfont}
3555     \newcommand*{\@bidiuftesidenote@marginnote@font}{\@bidiuftesidenote@marginfont}
3556     \newcommand*{\@bidiuftesidenote@citation@font}{\@bidiuftesidenote@marginfont}
3557     \newcommand*{\@bidiuftelTRsidenote@citation@font}{\@bidiuftesidenote@marginfont}
3558     \newcommand*{\setsidenotefont}[1]{\renewcommand*{\@bidiuftesidenote@sidenote@font}{#1}}
3559     \newcommand*{\setmarginnotefont}[1]{\renewcommand*{\@bidiuftesidenote@marginnote@font}{#1}}
3560     \newcommand*{\setcitationfont}[1]{\renewcommand*{\@bidiuftesidenote@citation@font}{#1}}
3561     \newcommand*{\setLTRcitationfont}[1]{\renewcommand*{\@bidiuftelTRsidenote@citation@font}{#1}}
3562     \newcommand*{\@bidiuftesidenote@sidenote@justification}{\@bidiuftesidenote@justification@au}
3563     \newcommand*{\@bidiuftesidenote@marginnote@justification}{\@bidiuftesidenote@justification@au}
3564     \newcommand*{\@bidiuftesidenote@citation@justification}{\@bidiuftesidenote@justification@au}
3565     \newcommand*{\@bidiuftesidenote@justification@autodetect}{\justifying}%
3566     \newcommand{\@bidiuftesidenote@margin@par}{%
3567         \setlength{\RaggedRightParindent}{0.5pc}%
3568         \setlength{\JustifyingParindent}{0.5pc}%
3569         \setlength{\parindent}{0.5pc}%
3570         \setlength{\parskip}{0pt}%
3571     }
3572     %%
3573     % Globally sets the length
3574     \ifundefined{gsetlength}{%
3575         \newcommand*{gsetlength}[2]{%
3576             \setlength{#1}{#2}%
3577             \global#1=#1\relax%
3578         }%
3579     }{}
3580     %%
3581     % Globally sets a boolean
3582     \ifundefined{gsetboolean}{%
3583         \newcommand*{gsetboolean}[2]{% based on code from ifthen pkg
3584             \lowercase{\def\@tempa{#2}}%
3585             \ifundefined{@tempswa\@tempa}%
3586                 {\PackageError{ifthen}{You can only set a boolean to `true' or `false'}\@ehc}%
3587                 {\ifundefined{#1\@tempa}%
3588                     {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
3589                     {\global\csname#1\@tempa\endcsname}%
3590                 }%
3591             }%
3592     }{}
3593     %%
3594     % A function that removes leading and trailing spaces from the supplied macro.
3595     % Based on code written by Michael Downes (See ``Around the Bend'', #15.)
3596     % Executing \@bidiuftesidenote@trim@spaces\xyzzy will result in the contents of \xyzzy
3597     % being trimmed of leading and trailing white space.
3598     \catcode`\Q=3

```



```

3599 \def\@bidityftesidenote@trim@spaces#1{%
3600 % Use grouping to emulate a multi-token afterassignment queue
3601 \begingroup%
3602 % Put ``\toks 0 {' into the afterassignment queue
3603 \aftergroup\toks\aftergroup0\aftergroup{%
3604 % Apply \trimb to the replacement text of #1, adding a leading
3605 % \noexpand to prevent brace stripping and to serve another purpose
3606 % later.
3607 \expandafter\@bidityftesidenote@trim@b\expandafter\noexpand#1Q Q}%
3608 % Transfer the trimmed text back into #1.
3609 \edef#1{\the\toks0}%
3610 }
3611 % \trimb removes a trailing space if present, then calls \@bidityftesidenote@trim@c to
3612 % clean up any leftover bizarre Qs, and trim a leading space. In
3613 % order for \trimc to work properly we need to put back a Q first.
3614 \def\@bidityftesidenote@trim@b#1 Q{\@bidityftesidenote@trim@c#1Q}
3615 % Execute \vfuzz assignment to remove leading space; the \noexpand
3616 % will now prevent unwanted expansion of a macro or other expandable
3617 % token at the beginning of the trimmed text. The \endgroup will feed
3618 % in the \aftergroup tokens after the \vfuzz assignment is completed.
3619 \def\@bidityftesidenote@trim@c#1Q#2{\afterassignment\endgroup \vfuzz\the\vfuzz#1}
3620 \catcode`\Q=11
3621 %%
3622 % Citations should go in the margin as sidenotes
3623
3624 \RequirePackage{natbib}
3625 \RequirePackage{bibentry} % allows bibitems to be typeset outside the bibliography environment
3626 % Redefine the \BR@b@bibitem command to fix a bug with bibentry+chicago style
3627 \renewcommand\BR@b@bibitem[2] [] {%
3628 \ifthenelse{\isempty{#1}}{%
3629 {\BR@bibitem{#2}}%
3630 {\BR@bibitem{#1}{#2}}%
3631 \BR@c@bibitem{#2}%
3632 }
3633 \hopatch@AfterPackage{bidi}{\nobibliography*} % pre-loads the bibliography keys
3634 %%
3635 % Normal \cite behavior
3636 \newcounter{@bidityftesidenote@num@bibkeys}%
3637 \newcommand{\@bidityftesidenote@normal@cite}[2] [Opt] {%
3638 % Snag the last bibentry in the list for later comparison
3639 \let\@temp@last@bibkey\empty%
3640 \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
3641 \sidenote[] [#1] {%
3642 % Loop through all the bibentries, separating them with semicolons and spaces
3643 \normalsize\normalfont\@bidityftesidenote@citation@font%
3644 \setcounter{@bidityftesidenote@num@bibkeys}{0}%
3645 \@for\@temp@bibkeyx:=#2\do{%
3646 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
3647 {\ifthenelse{\equal{value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
3648 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey

```



```

3649         \bibentry{\@temp@bibkeyx}}%
3650     {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3651         \bibentry{\@temp@bibkeyx};\ }%
3652     \stepcounter{@bidityftesidenote@num@bibkeys}%
3653 }%
3654 }%
3655 }
3656 \newcommand{\@bidityfteLTRsidenote@normal@cite}[2][Opt]{%
3657     % Snag the last bibentry in the list for later comparison
3658     \let\@temp@last@bibkey\@empty%
3659     \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
3660     \LTRsidenote[] [#1]{%
3661         % Loop through all the bibentries, separating them with semicolons and spaces
3662         \normalsize\normalfont\@bidityfteLTRsidenote@citation@font%
3663         \setcounter{@bidityftesidenote@num@bibkeys}{0}%
3664         \@for\@temp@bibkeyx:=#2\do{%
3665             \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
3666             {\ifthenelse{\equal{\value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
3667             \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3668             \bibentry{\@temp@bibkeyx}}%
3669             {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3670             \bibentry{\@temp@bibkeyx};\ }%
3671             \stepcounter{@bidityftesidenote@num@bibkeys}%
3672         }%
3673     }%
3674 }
3675 \newcommand{\@bidityfteRTLsidenote@normal@cite}[2][Opt]{%
3676     % Snag the last bibentry in the list for later comparison
3677     \let\@temp@last@bibkey\@empty%
3678     \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
3679     \RTLsidenote[] [#1]{%
3680         % Loop through all the bibentries, separating them with semicolons and spaces
3681         \normalsize\normalfont\@bidityftesidenote@citation@font%
3682         \setcounter{@bidityftesidenote@num@bibkeys}{0}%
3683         \@for\@temp@bibkeyx:=#2\do{%
3684             \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
3685             {\ifthenelse{\equal{\value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
3686             \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3687             \bibentry{\@temp@bibkeyx}}%
3688             {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3689             \bibentry{\@temp@bibkeyx};\ }%
3690             \stepcounter{@bidityftesidenote@num@bibkeys}%
3691         }%
3692     }%
3693 }
3694 %%
3695 % Macros for holding the list of cite keys until after the \sidenote
3696 \gdef\@bidityftesidenote@citations{}% list of cite keys
3697 \newcommand\@bidityftesidenote@add@citation[1]{\relax% adds a new bibkey to the list of cite keys
3698     \ifx\@bidityftesidenote@citations\@empty\else

```



```

3699 \g@addto@macro\@bidityftesidenote@citations{,}% separate by commas
3700 \fi
3701 \g@addto@macro\@bidityftesidenote@citations{#1}
3702 }
3703 \newcommand{\@bidityftesidenote@print@citations}[1][Opt]{% puts the citations in a margin note
3704 % Snag the last bibentry in the list for later comparison
3705 \let\@temp@last@bibkey\@empty%
3706 \@for\@temp@bibkey:=\@bidityftesidenote@citations\do{\let\@temp@last@bibkey\@temp@bibkey}%
3707 \marginpar{%
3708 \hbox{\vspace*{#1}%
3709 \@bidityftesidenote@citation@font%
3710 \@bidityftesidenote@citation@justification%
3711 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3712 \vspace*{-1\baselineskip}%
3713 % Loop through all the bibentries, separating them with semicolons and spaces
3714 \setcounter{@bidityftesidenote@num@bibkeys}{0}%
3715 \@for\@temp@bibkeyx:=\@bidityftesidenote@citations\do{%
3716 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
3717 {\ifthenelse{\equal{\value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
3718 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3719 \bibentry{\@temp@bibkeyx}}%
3720 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3721 \bibentry{\@temp@bibkeyx};\ }%
3722 \stepcounter{@bidityftesidenote@num@bibkeys}}%
3723 }%
3724 }%
3725 }
3726 %%
3727 % \cite behavior when executed within a sidenote
3728 \newcommand{\@bidityftesidenote@sidenote@citations}{}% contains list of \cites in sidenote
3729 \newcommand{\@bidityftesidenote@infootnote@cite}[1]{%
3730 \@bidityftesidenote@add@citation{#1}
3731 }
3732 %%
3733 % Set the default \cite style. This is set and reset by the \sidenote command.
3734 \let\cite\@bidityftesidenote@normal@cite
3735 \let\LTRcite\@bidityfteLTRsidenote@normal@cite
3736 \let\RTLcite\@bidityfteRTLSidenote@normal@cite
3737 %%
3738 % Transform existing \footnotes into \sidenotes
3739 % Sidenote: ``Where God meant footnotes to go.''' ---bidityftesidenote
3740 \RequirePackage{optparams}% for our new sidenote commands -- provides multiple optional arguments
3741 \providecommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote@
3742 \renewcommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote@
3743 % Override footmisc's definition to set the sidenote marks (numbers) inside the
3744 % sidenote's text block.
3745 \hopatch@AfterPackage{bidi}{\long\def\@makefnmark{\@textsuperscript{\@bidityftesidenote@sidenote@
3746 % Set the in-text footnote mark in the same typeface as the body text itself.
3747 \hopatch@AfterPackage{bidi}{\def\@makefnmark{\hbox{\@textsuperscript{\normalfont\footnotesize
3748 \providecommand*\multiplefootnotemarker}{3sp}

```




```

3749 \providecommand*\multfootsep}{,}
3750 \hopatch@AfterPackage{bidi}{%
3751 \renewcommand{\@footnotemark}{%
3752 \leavevmode%
3753 \ifhmode%
3754 \edef\x@sf{\the\spacefactor}%
3755 \@bidityftesidenote@check@multiple@sidenotes%
3756 \nobreak%
3757 \fi%
3758 \@makefnmark%
3759 \ifhmode\spacefactor\x@sf\fi%
3760 \relax%
3761 }%
3762 }
3763 \newcommand{\@bidityftesidenote@check@multiple@sidenotes}{%
3764 \ifdim\lastkern=\multiplefootnotemark\relax%
3765 \edef\x@sf{\the\spacefactor}%
3766 \unkern%
3767 \textsuperscript{\multfootsep}%
3768 \spacefactor\x@sf\relax%
3769 \fi
3770 }
3771 \hopatch@AfterPackage{bidi}{%
3772 \renewcommand\@footnotetext[2][0pt]{%
3773 \bidityftesidenotemarginpar{%
3774 \hbox{}\vspace*{#1}%
3775 \def\baselinestretch {\setspace@singlespace}%
3776 \reset@font\footnotesize%
3777 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3778 \vspace*{-1\baselineskip}\noindent%
3779 \protected@edef\@currentlabel{%
3780 \csname p@footnote\endcsname\@thefnmark%
3781 }%
3782 \color@begingroup%
3783 \@makefnmark%
3784 \ignorespaces#2%
3785 }%
3786 \color@endgroup%
3787 }%
3788 }%
3789 \renewcommand\@LTRfootnotetext[2][0pt]{%
3790 \LTRbidityftesidenotemarginpar{%
3791 \hbox{}\vspace*{#1}%
3792 \def\baselinestretch {\setspace@singlespace}%
3793 \reset@font\footnotesize%
3794 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3795 \vspace*{-1\baselineskip}\noindent%
3796 \protected@edef\@currentlabel{%
3797 \csname p@footnote\endcsname\@thefnmark%
3798 }%

```



```

3799 \color@begingroup%
3800 \makefnintext{%
3801 \ignorespaces#2%
3802 }%
3803 \color@endgroup%
3804 }%
3805 }%
3806 \renewcommand\@RTLfootnotetext[2][Opt]{%
3807 \RTLbidityftesidenotemarginpar{%
3808 \hbox{\vspace*{#1}}%
3809 \def\baselinestretch {\setspace@singlespace}%
3810 \reset@font\footnotesize%
3811 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3812 \vspace*{-1\baselineskip}\noindent%
3813 \protected@edef\@currentlabel{%
3814 \csname p@footnote\endcsname\@thefnmark%
3815 }%
3816 \color@begingroup%
3817 \makefnintext{%
3818 \ignorespaces#2%
3819 }%
3820 \color@endgroup%
3821 }%
3822 }%
3823 }
3824 %
3825 % Define \sidenote command. Can handle \cite.
3826 \newlength{\@bidityftesidenote@sidenote@vertical@offset}
3827 \setlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}
3828 % #1 = footnote num, #2 = vertical offset, #3 = footnote text
3829 \long\def\@bidityftesidenote@sidenote[#1][#2]#3{%
3830 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3831 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3832 \ifthenelse{\NOT\isempty{#2}}{%
3833 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3834 }{%
3835 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3836 }%
3837 \ifthenelse{\isempty{#1}}{%
3838 % no specific footnote number provided
3839 \stepcounter\@mpfn%
3840 \protected@xdef\@thefnmark{\thempfn}%
3841 \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3842 }{%
3843 % specific footnote number provided
3844 \begingroup%
3845 \csname c@\@mpfn\endcsname #1\relax%
3846 \unrestored@protected@xdef\@thefnmark{\thempfn}%
3847 \endgroup%
3848 \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%

```



```

3849 }%
3850 \@bidityftesidenote@print@citations%          print any citations
3851 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite command
3852 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTRcite co
3853 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTLcite co
3854 \unskip\ignorespaces%                          remove extra white space
3855 \kern-\multiplefootnotemarker%                 remove \kern left behind by sidenote
3856 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3857 }
3858 \long\def\@LTRbidityftesidenote@sidenote[#1][#2]#3{%
3859 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3860 \gdef\@bidityftesidenote@citations{}%         clear out any old citations
3861 \ifthenelse{\NOT\isempty{#2}}{%
3862   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3863 }{%
3864   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3865 }%
3866 \ifthenelse{\isempty{#1}}{%
3867   % no specific footnote number provided
3868   \stepcounter\@mpfn%
3869   \protected@xdef\@thefnmark{\thempfn}%
3870   \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3871 }{%
3872   % specific footnote number provided
3873   \begingroup%
3874     \csname c@\@mpfn\endcsname #1\relax%
3875     \unrestored@protected@xdef\@thefnmark{\thempfn}%
3876   \endgroup%
3877   \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3878 }%
3879 \@bidityftesidenote@print@citations%          print any citations
3880 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite command
3881 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTRcite co
3882 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTLcite co
3883 \unskip\ignorespaces%                          remove extra white space
3884 \kern-\multiplefootnotemarker%                 remove \kern left behind by sidenote
3885 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3886 }
3887 \long\def\@RTLbidityftesidenote@sidenote[#1][#2]#3{%
3888 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3889 \gdef\@bidityftesidenote@citations{}%         clear out any old citations
3890 \ifthenelse{\NOT\isempty{#2}}{%
3891   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3892 }{%
3893   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3894 }%
3895 \ifthenelse{\isempty{#1}}{%
3896   % no specific footnote number provided
3897   \stepcounter\@mpfn%
3898   \protected@xdef\@thefnmark{\thempfn}%

```



```

3899 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3900 }{%
3901 % specific footnote number provided
3902 \begingroup%
3903 \csname c@\@mpfn\endcsname #1\relax%
3904 \unrestored@protected@xdef\@thefnmark{\thempfn}%
3905 \endgroup%
3906 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3907 }%
3908 \@bidityftesidenote@print@citations% print any citations
3909 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite command
3910 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTRcite co
3911 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTLcite co
3912 \unskip\ignorespaces% remove extra white space
3913 \kern-\multiplefootnotemarker% remove \kern left behind by sidenote
3914 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3915 }
3916 \newcommand{\sidenote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}
3917 \newcommand{\LTRsidenote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}
3918 \newcommand{\RTLsidenote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}
3919 \hopatch@AfterPackage{bidi}{%
3920 \renewcommand{\footnote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}%
3921 \renewcommand{\LTRfootnote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}%
3922 \renewcommand{\RTLfootnote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}%
3923 }
3924 %%
3925 % Sidenote without the footnote mark
3926 \newcommand\marginnote[2] [Opt] {%
3927 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3928 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3929 \bidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidityft
3930 \@bidityftesidenote@print@citations% print any citations
3931 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite command
3932 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTRcite co
3933 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTLcite co
3934 }
3935 \newcommand\LTRmarginnote[2] [Opt] {%
3936 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3937 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3938 \LTRbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidityft
3939 \@bidityftesidenote@print@citations% print any citations
3940 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite command
3941 \let\LTRcite\@bidityfteLTRsidenote@normal@cite% go back to using normal in-text \LTRcite co
3942 \let\RTLcite\@bidityfteRTLsidenote@normal@cite% go back to using normal in-text \RTLcite co
3943 }
3944 \newcommand\RTLmarginnote[2] [Opt] {%
3945 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3946 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3947 \RTLbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidityft
3948 \@bidityftesidenote@print@citations% print any citations

```



```

3949 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite command
3950 \let\LTRcite\@bidityfteLTRsidenote@normal@cite%  go back to using normal in-text \LTRcite co
3951 \let\RTLcite\@bidityfteRTLSidenote@normal@cite%  go back to using normal in-text \RTLcite co
3952 }

```

7.22 bidityftetoc.sty

```

3953 \NeedsTeXFormat{LaTeX2e}
3954 \ProvidesPackage{bidityftetoc}[2011/06/17 v0.1
3955 bidi implementation of tufte toc]
3956 \RequirePackage{titlesec,titletoc,xifthen,hopatch}
3957 \newcommand{\@bidityftetoc@pkgname}{bidityftetoc}
3958 \newcommand{\bidityftetocError}[2]{\PackageError{\@bidityftetoc@pkgname}{#1}{#2}}
3959 %%
3960 % Turn off section numbering
3961 \setcounter{secnumdepth}{-1}
3962 \newboolean{@bidityftetoc@toc}
3963 \setboolean{@bidityftetoc@toc}{true}
3964 \DeclareOption{notoc}{\setboolean{@bidityftetoc@toc}{false}}
3965 \DeclareOption{toc}{\setboolean{@bidityftetoc@toc}{true}}
3966 \ProcessOptions
3967 %%
3968 % Make Tufatian-style section headings and TOC formatting
3969 \hopatch@AfterPackage{bidi}{%
3970 \titleformat{\chapter}%
3971   [display]% shape
3972   {\relax\ifthenelse{\NOT\boolean{@bidityftefloat@symmetric}}{\begin{fullwidth}}{}}% format app
3973   {\itshape\huge\thechapter}% label
3974   {0pt}% horizontal separation between label and title body
3975   {\huge\rmfamily\itshape}% before the title body
3976   [\ifthenelse{\NOT\boolean{@bidityftefloat@symmetric}}{\end{fullwidth}}{}}% after the title bo
3977 \titleformat{\section}%
3978   [hang]% shape
3979   {\normalfont\Large\itshape}% format applied to label+text
3980   {\thesection}% label
3981   {1em}% horizontal separation between label and title body
3982   {}% before the title body
3983   []% after the title body
3984 \titleformat{\subsection}%
3985   [hang]% shape
3986   {\normalfont\large\itshape}% format applied to label+text
3987   {\thesubsection}% label
3988   {1em}% horizontal separation between label and title body
3989   {}% before the title body
3990   []% after the title body
3991 \titleformat{\paragraph}%
3992   [runin]% shape
3993   {\normalfont\itshape}% format applied to label+text
3994   {\theparagraph}% label
3995   {1em}% horizontal separation between label and title body

```



```

3996 {}% before the title body
3997 []% after the title body
3998 \titlespacing*{\chapter}{0pt}{50pt}{40pt}
3999 \titlespacing*{\section}{0pt}{3.5ex plus 1ex minus .2ex}{2.3ex plus .2ex}
4000 \titlespacing*{\subsection}{0pt}{3.25ex plus 1ex minus .2ex}{1.5ex plus .2ex}
4001 }
4002 % Subsubsection and following section headings shouldn't be used.
4003 % See Bringhurst's _The Elements of Typography_, section 4.2.2.
4004 \renewcommand\subsubsection{%
4005   \biditytetocError{\noexpand\subsubsection is undefined by this class.%
4006     \MessageBreak See Robert Bringhurst's _The Elements of
4007     \MessageBreak Typographic Style_, section 4.2.2.
4008     \MessageBreak \noexpand\subsubsection was used}
4009   {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
4010     \MessageBreak many levels of headings as you need, no more and no fewer. Also see the many
4011     \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
4012 }
4013 \renewcommand\subparagraph{%
4014   \biditytetocError{\noexpand\subparagraph is undefined by this class.%
4015     \MessageBreak See Robert Bringhurst's _The Elements of
4016     \MessageBreak Typographic Style_, section 4.2.2.
4017     \MessageBreak \noexpand\subparagraph was used}
4018   {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
4019     \MessageBreak many levels of headings as you need, no more and no fewer. Also see the many
4020     \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
4021 }
4022 % Formatting for main TOC (printed in front matter)
4023 % {section} [left] {above} {before w/label} {before w/o label} {filler + page} [after]
4024 \ifthenelse{\boolean{@biditytetoc@toc}}{%
4025   \hopatch@AfterPackage{bidi}{%
4026     \titlecontents{part}% FIXME
4027     [0em] % distance from left margin
4028     {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global formatting)
4029     {\contentslabel{2em}} % before w/label (label = ``II'')
4030     {} % before w/o label
4031     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
4032     [\end{fullwidth}] % after
4033     \titlecontents{chapter}%
4034     [0em] % distance from left margin
4035     {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global formatting)
4036     {\hspace*{0em}\contentslabel{2em}} % before w/label (label = ``2'')
4037     {\hspace*{0em}} % before w/o label
4038     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
4039     [\end{fullwidth}] % after
4040     \titlecontents{section}% FIXME
4041     [0em] % distance from left margin
4042     {\vspace{0\baselineskip}\begin{fullwidth}\Large\rmfamily\itshape} % above (global formatting)
4043     {\hspace*{2em}\contentslabel{2em}} % before w/label (label = ``2.6'')
4044     {\hspace*{2em}} % before w/o label
4045     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)

```



```

4046     [\end{fullwidth}] % after
4047 \titlecontents{subsection}% FIXME
4048     [0em] % distance from left margin
4049     {\vspace{0\baselineskip}\begin{fullwidth}\large\rmfamily\itshape} % above (global formatting
4050     {\hspace*{4em}\contentslabel{4em}} % before w/label (label = ``2.6.1'')
4051     {\hspace*{4em}} % before w/o label
4052     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
4053     [\end{fullwidth}] % after
4054 \titlecontents{paragraph}% FIXME
4055     [0em] % distance from left margin
4056     {\vspace{0\baselineskip}\begin{fullwidth}\normalsize\rmfamily\itshape} % above (global forma
4057     {\hspace*{6em}\contentslabel{2em}} % before w/label (label = ``2.6.0.0.1'')
4058     {\hspace*{6em}} % before w/o label
4059     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
4060     [\end{fullwidth}] % after
4061 }%
4062 }{}
4063 %%
4064 % Format lists of figures/tables
4065 \renewcommand\listoffigures{%
4066     \@ifundefined{chapter}%
4067     {\section*{\listfigurename}}%
4068     {\chapter*{\listfigurename}}%
4069 % \begin{fullwidth}%
4070 % \@starttoc{lof}%
4071 % \end{fullwidth}%
4072 }
4073 \renewcommand\listoftables{%
4074     \@ifundefined{chapter}%
4075     {\section*{\listtablename}}%
4076     {\chapter*{\listtablename}}%
4077 % \begin{fullwidth}%
4078 % \@starttoc{lot}%
4079 % \end{fullwidth}%
4080 }
4081 \newcommand{\@bidiuftetoc@lof@line}[2]{%
4082     % #1 is the figure/table number and its caption text
4083     % #2 is the page number on which the figure/table appears
4084     \leftskip 0.0em
4085     \rightskip 0em
4086     \parfillskip 0em plus 1fil
4087     \parindent 0.0em
4088     \@afterindenttrue
4089     \interlinepenalty\@M
4090     \leavevmode
4091     \@tempdima 2.0em
4092     \ifRTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
4093     \null\nobreak\hskip -\ifRTL\rightskip\else\leftskip\fi
4094     {#1}\nobreak\qqquad\nobreak#2%
4095     \par%

```



```

4096 }
4097 \renewcommand*\l@figure{\@biditytftoc@lof@line}
4098 \let\l@table\l@figure

```

7.23 **biditytftgeneralstructure.sty**

```

4099 \NeedsTeXFormat{LaTeX2e}
4100 \ProvidesPackage{biditytftgeneralstructure}[2011/06/18 v0.1
4101 bidi implementation of tufte general structure]
4102 \renewcommand\small{%
4103   \@setfontsize\small\@ixpt{12}%
4104   \abovedisplayskip 8.5\p@ \@plus3\p@ \@minus4\p@
4105   \abovedisplayshortskip \z@ \@plus2\p@
4106   \belowdisplayshortskip 4\p@ \@plus2\p@ \@minus2\p@
4107   \def\@listi{\leftmargin\leftmargini
4108     \topsep 4\p@ \@plus2\p@ \@minus2\p@
4109     \parsep 2\p@ \@plus\p@ \@minus\p@
4110     \itemsep \parsep}%
4111   \belowdisplayskip \abovedisplayskip
4112 }
4113 \renewcommand\scriptsize{\@setfontsize\scriptsize\@viipt\@viipt}
4114 \renewcommand\tiny{\@setfontsize\tiny\@vpt\@vpt}
4115 \renewcommand\large{\@setfontsize\large\@xipt{15}}
4116 \renewcommand\Large{\@setfontsize\Large\@xiipt{16}}
4117 \renewcommand\LARGE{\@setfontsize\LARGE\@xivpt{18}}
4118 \renewcommand\huge{\@setfontsize\huge\@xxpt{30}}
4119 \renewcommand\Huge{\@setfontsize\Huge{24}{36}}
4120 \setlength\leftmargini {1pc}
4121 \setlength\leftmarginii {1pc}
4122 \setlength\leftmarginiii {1pc}
4123 \setlength\leftmarginiv {1pc}
4124 \setlength\leftmarginv {1pc}
4125 \setlength\leftmarginvi {1pc}
4126 \setlength\labelsep {.5pc}
4127 \setlength\labelwidth {\leftmargini}
4128 \addtolength\labelwidth{-\labelsep}
4129 \setlength{\parindent}{1.0pc}%
4130 \setlength{\parskip}{0pt}%
4131 \RequirePackage{ragged2e}
4132 \setlength{\RaggedRightRightskip}{\z@ plus 0.08\hsize}
4133 % Paragraph indentation and separation for normal text
4134 \newcommand{\@biditytftgeneralstructure@reset@par}{%
4135   \setlength{\RaggedRightParindent}{1.0pc}%
4136   \setlength{\JustifyingParindent}{1.0pc}%
4137   \setlength{\parindent}{1pc}%
4138   \setlength{\parskip}{0pt}%
4139 }
4140 \@biditytftgeneralstructure@reset@par
4141 % Require paralist package for tighter lists
4142 \RequirePackage{paralist}

```




```

4143 % Add rightmargin to compactenum
4144 \def\compactenum{%
4145   \expandafter\list\csname label\@enumctr\endcsname{%
4146     \usecounter{\@enumctr}%
4147     \rightmargin=2em% added this
4148     \parsep\plparsep
4149     \itemsep\plitemsep
4150     \topsep\pltopsep
4151     \partopsep\plpartopsep
4152   \def\makelabel##1{\hss\llap{##1}}}}
4153 %%
4154 % An environment for paragraph-style section
4155 \providecommand\newthought[1]{%
4156   \addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}%
4157   \noindent\textbf{#1}%
4158 }
4159 %%
4160 % Redefine the display environments (quote, quotation, etc.)
4161 \renewenvironment{verse}
4162   {\let\\\@centercr
4163    \list{}\itemsep \z@
4164    \itemindent -1pc%
4165    \listparindent\itemindent
4166    \rightmargin \leftmargin
4167    \advance\leftmargin 1pc}%
4168   \small%
4169   \item\relax}
4170   {\endlist}
4171 \renewenvironment{quotation}
4172   {\list{}\listparindent 1pc%
4173    \itemindent \listparindent
4174    \rightmargin \leftmargin
4175    \parsep \z@ \@plus\p@}%
4176   \small%
4177   \item\relax\noindent\ignorespaces}
4178   {\endlist}
4179 \renewenvironment{quote}
4180   {\list{}\rightmargin\leftmargin}%
4181   \small%
4182   \item\relax}
4183   {\endlist}
4184 % Italicize description run-in headings (instead of the default bold)
4185 \renewcommand*\descriptionlabel[1]{\hspace\labelsep\normalfont\em #1}
4186 %%
4187 % Redefine \bibsection to not mark the running heads.
4188 % (Code modified from natbib.sty.)
4189 \@ifundefined{chapter}%
4190   {\renewcommand\bibsection{\section*{\refname}}}
4191   {\@ifundefined{NAT@sectionbib}%
4192     {\renewcommand\bibsection{\chapter{\bibname}}}

```



```

4193     {\renewcommand\bibsection{\section*{\bibname}}}}
4194 \RequirePackage{multicol}
4195 \renewenvironment{theindex}{%
4196 \ifundefined{chapter}%
4197     {\section*{\indexname}}%
4198     {\chapter{\indexname}}%
4199 \begin{fullwidth}%
4200 \small%
4201 \parskip0pt%
4202 \parindent0pt%
4203 \let\item\@idxitem%
4204 \begin{multicols}{3}%
4205 }{%
4206 \end{multicols}%
4207 \end{fullwidth}%
4208 }
4209 \AtBeginDocument{%
4210 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi2em}%
4211 \renewcommand\subitem{\par\hangindent \if@RTL-\fi3em\hspace*{1em}}%
4212 \renewcommand\subsubitem{\par\hangindent \if@RTL-\fi4em\hspace*{2em}}%
4213 \renewcommand\indexspace{\par\addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}\relax}%
4214 \newcommand{\lettergroup}[1]{}% swallow the letter heading in the index

```

7.24 bidentuftehyperref.sty

```

4215 \NeedsTeXFormat{LaTeX2e}
4216 \ProvidesPackage{bidentuftehyperref}[2011/06/18 v0.1
4217 bidi implementation of tufte hyperref]
4218 %%
4219 % Color
4220 \RequirePackage[usenames,dvipsnames,svgnames]{xcolor}%
4221 \newboolean{@bidentuftehyperref@loadhyper}
4222 \setboolean{@bidentuftehyperref@loadhyper}{true}
4223 \DeclareOption{hyper}{\setboolean{@bidentuftehyperref@loadhyper}{true}}
4224 \DeclareOption{nohyper}{\setboolean{@bidentuftehyperref@loadhyper}{false}}
4225 \ProcessOptions
4226 %% Loads the hyperref package and sets some default options.
4227 \newcommand{\bidentuftehyperrefLoadHyperref}{%
4228 \RequirePackage[hyperfootnotes=false,colorlinks=true]{hyperref}
4229 \hypersetup{%
4230     bookmarksdepth = section,
4231     citecolor = DarkGreen,
4232     linkcolor = DarkBlue,
4233 %    pagecolor = DarkBlue,
4234     urlcolor = DarkGreen,
4235 }%
4236 }
4237 \ifthenelse{\boolean{@bidentuftehyperref@loadhyper}}{%
4238 \bidentuftehyperrefLoadHyperref%
4239 }{% hyperfootnotes override our modifications to the \footnote* and \@footnote* commands.

```



```

4240 \PassOptionsToPackage{hyperfootnotes=false}{hyperref}
4241 }

```

7.25 `bidituftetitle.sty`

```

4242 \NeedsTeXFormat{LaTeX2e}
4243 \ProvidesPackage{bidituftetitle}[2011/06/18 v0.1
4244 bidi implementation of tufte title]
4245 \RequirePackage{etoolbox}
4246 %%
4247 % `titlepage' option -- creates a full title page with \maketitle
4248 \newboolean{@bidituftetitle@titlepage}
4249 \DeclareOption{titlepage}{\setboolean{@bidituftetitle@titlepage}{true}}
4250 \DeclareOption{notitlepage}{\setboolean{@bidituftetitle@titlepage}{false}}
4251 % Default `book' and `handout' options
4252 \ifclassloaded{book}{%
4253 \ExecuteOptions{titlepage}}{%
4254 \ifclassloaded{article}{%
4255 \ExecuteOptions{notitlepage}}%
4256 {}}
4257 \ProcessOptions
4258 %%
4259 % Modified \title, \author, and \date commands. These store the
4260 % (footnote-less) values in \plaintitle, \plainauthor, and \thedata, respectively.
4261 \newcommand{\plaintitle}{}% plain-text-only title
4262 \newcommand{\plainauthor}{}% plain-text-only author
4263 \newcommand{\plainpublisher}{}% plain-text-only publisher
4264 \newcommand{\thanklesstitle}{}% full title text minus \thanks{}
4265 \newcommand{\thanklessauthor}{}% full author text minus \thanks{}
4266 \newcommand{\thanklesspublisher}{}% full publisher minus \thanks{}
4267 \newcommand{\@publisher}{}% full publisher with \thanks{}
4268 \newcommand{\thedata}{\today}
4269 \hopatch@AfterPackage{bidi}{%
4270 \renewcommand{\thanks}[1]{\footnote{#1}}
4271 \renewcommand{\LTRthanks}[1]{\LTRfootnote{#1}}
4272 \renewcommand{\RTLthanks}[1]{\RTLfootnote{#1}}
4273 }
4274 \renewcommand{\title}[2][]{%
4275 \gdef\@title{#2}%
4276 \begingroup%
4277 % TODO store contents of \thanks command
4278 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4279 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4280 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4281 \protected@xdef\thanklesstitle{#2}%
4282 \endgroup%
4283 \ifthenelse{\isempty{#1}}{%
4284 {\renewcommand{\plaintitle}{\thanklesstitle}}% use thankless title
4285 {\renewcommand{\plaintitle}{#1}}% use provided plain-text title
4286 \@ifundefined{hypersetup}%

```



```

4287     {}% hyperref is not loaded; do nothing
4288     {\hypersetup{pdftitle={\plaintitle}}}% set the PDF metadata title
4289 }
4290 \let\@author\@empty% suppress default latex.ltx ``no author'' warning
4291 \renewcommand{\author}[2][{}]{%
4292   \ifthenelse{\isempty{#2}}{\gdef\@author{#2}}{%
4293     \begingroup%
4294       % TODO store contents of \thanks command
4295       \renewcommand{\thanks}[1]{}% swallow \thanks contents
4296       \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4297       \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4298       \protected@xdef\thanklessauthor{#2}%
4299     \endgroup%
4300     \ifthenelse{\isempty{#1}}{%
4301       {\renewcommand{\plainauthor}{\thanklessauthor}}% use thankless author
4302       {\renewcommand{\plainauthor}{#1}}% use provided plain-text author
4303     }\@ifundefined{hypersetup}%
4304     {}% hyperref is not loaded; do nothing
4305     {\hypersetup{pdfauthor={\plainauthor}}}% set the PDF metadata author
4306 }
4307 \renewcommand{\date}[1]{}%
4308 \gdef\@date{#1}%
4309 \begingroup%
4310   % TODO store contents of \thanks command
4311   \renewcommand{\thanks}[1]{}% swallow \thanks contents
4312   \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4313   \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4314   \protected@xdef\thedata{#1}%
4315 \endgroup%
4316 }
4317 %%
4318 % Provides a \publisher command to set the publisher
4319 \newcommand{\publisher}[2][{}]{%
4320   \gdef\@publisher{#2}%
4321   \begingroup%
4322     \renewcommand{\thanks}[1]{}% swallow \thanks contents
4323     \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4324     \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4325     \protected@xdef\thanklesspublisher{#2}%
4326   \endgroup%
4327   \ifthenelse{\isempty{#1}}%
4328   {\renewcommand{\plainpublisher}{\thanklesspublisher}}% use thankless publisher
4329   {\renewcommand{\plainpublisher}{#1}}% use provided plain-text publisher
4330 }
4331 %%
4332 % Produces a full title page
4333 \newcommand{\maketitlepage}[0]{}%
4334 \cleardoublepage%
4335 {}%
4336 \bfseries%

```



```

4337 \begin{fullwidth}%
4338 \fontsize{18}{20}\selectfont\par\noindent\thanklessauthor%
4339 \vspace{11.5pc}%
4340 \fontsize{36}{40}\selectfont\par\noindent\thanklesstitle%
4341 \vfill%
4342 \fontsize{14}{16}\selectfont\par\noindent\thanklesspublisher%
4343 \end{fullwidth}%
4344 }
4345 \thispagestyle{empty}%
4346 \clearpage%
4347 }
4348 %%
4349 % Title block
4350 \AfterEndPreamble{%
4351 \renewcommand{\maketitle}{%
4352 \newpage%
4353 \global\@topnum\z@% prevent floats from being placed at the top of the page
4354 \begingroup%
4355 \setlength{\parindent}{0pt}%
4356 \setlength{\parskip}{4pt}%
4357 \let\@title\empty%
4358 \let\@author\empty%
4359 \let\@date\empty%
4360 \gdef\@title{\LARGE\itshape\@title\par}%
4361 \gdef\@author{\Large\itshape\@author\par}%
4362 \gdef\@date{\Large\itshape\@date\par}%
4363 \@title%
4364 \@author%
4365 \@date%
4366 \endgroup%
4367 \thispagestyle{plain}% suppress the running head
4368 }%
4369 }
4370 %%
4371 % Title page (if the 'titlepage' option was passed to the bidentitetitle-handout
4372 % class.)
4373 \AfterEndPreamble{%
4374 \ifthenelse{\boolean{@bidentitetitle@titlepage}}{
4375 {\renewcommand{\maketitle}{\maketitlepage}}
4376 {}
4377 }
4378 %%
4379 % When \cleardoublepage is called, produce a blank (empty) page -- i.e.,
4380 % without headers and footers
4381 \def\cleardoublepage{\clearpage\if@twoside\ifodd\c@page\else
4382 \hbox{}
4383 %\vspace*{\fill}
4384 %\begin{center}
4385 % This page intentionally contains only this sentence.
4386 %\end{center}

```



```

4387 %\vspace{\fill}
4388 \thispagestyle{empty}
4389 \newpage
4390 \if@twocolumn\hbox{}\newpage\fi\fi\fi}

```

7.26 biditufte-handout.cls

```

4391 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4392 \ProvidesClass{biditufte-handout}[2011/06/18 v0.1 biditufte-handout class]
4393 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
4394 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftefloat}}
4395 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftetoc}}
4396 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftehyperref}}
4397 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftetitle}}
4398 \ProcessOptions\relax
4399 \LoadClass{article}
4400 \RequirePackage{bidituftefloat}
4401 \RequirePackage{bidituftesidenote}
4402 \RequirePackage{bidituftetoc}
4403 \RequirePackage{bidituftegeneralstructure}
4404 \RequirePackage{bidituftehyperref}
4405 \RequirePackage{bidituftetitle}
4406 \renewenvironment{abstract}
4407   {\begin{quotation}}
4408   {\end{quotation}}
4409 \AtBeginDocument{%
4410 \IfFileExists{biditufte-handout.cfg}
4411   {\input{biditufte-handout.cfg}
4412    \ClassInfo{biditufte-handout}{Loading biditufte-handout configuration file \@gobble}}
4413   {}%
4414 }

```

7.27 biditufte-book.cls

```

4415 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4416 \ProvidesClass{biditufte-book}[2011/06/18 v0.1 biditufte-book class]
4417 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
4418 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftefloat}}
4419 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftetoc}}
4420 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftehyperref}}
4421 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftetitle}}
4422 \ProcessOptions\relax
4423 \LoadClass{book}
4424 \RequirePackage{bidituftefloat}
4425 \RequirePackage{bidituftesidenote}
4426 \RequirePackage{bidituftetoc}
4427 \RequirePackage{bidituftegeneralstructure}
4428 \RequirePackage{bidituftehyperref}
4429 \RequirePackage{bidituftetitle}
4430 %%
4431 % Set up any book-specific stuff now

```



```

4432 %%
4433 % The front matter in Tufte's /Beautiful Evidence/ contains everything up
4434 % to the opening page of Chapter 1. The running heads, when they appear,
4435 % contain only the (arabic) page number in the outside corner.
4436 %\newif\if@mainmatter \@mainmattertrue
4437 \renewcommand\frontmatter{%
4438   \cleardoublepage%
4439   \@mainmatterfalse%
4440   \pagenumbering{arabic}%
4441   %\pagestyle{plain}%
4442   \fancyhf{}%
4443   \ifthenelse{\boolean{@biditytuftefloat@twoside}}%
4444     {\fancyhead[LE,RO]{\thepage}}%
4445     {\fancyhead[RE,RO]{\thepage}}%
4446 }
4447 %%
4448 % The main matter in Tufte's /Beautiful Evidence/ doesn't restart the page
4449 % numbering---it continues where it left off in the front matter.
4450 \renewcommand\mainmatter{%
4451   \cleardoublepage%
4452   \@mainmattertrue%
4453   \fancyhf{}%
4454   \ifthenelse{\boolean{@biditytuftefloat@twoside}}%
4455     {\renewcommand{\chaptermark}[1]{\markboth{##1}{}}}%
4456     {\fancyhead[LE]{\thepage\quad\smallcaps{\newlinetospace{\plaintitle}}}% book title
4457     \fancyhead[RO]{\smallcaps{\newlinetospace{\leftmark}}\quad\thepage}% chapter title
4458     {\fancyhead[RE,RO]{\smallcaps{\newlinetospace{\plaintitle}}\quad\thepage}}% book title
4459 }
4460 %%
4461 % The back matter contains appendices, indices, glossaries, endnotes,
4462 % bibliographies, list of contributors, illustration credits, etc.
4463 \renewcommand\backmatter{%
4464   \if@openright%
4465     \cleardoublepage%
4466   \else%
4467     \clearpage%
4468   \fi%
4469   \@mainmatterfalse%
4470 }
4471 %%
4472 % Only show the chapter titles in the table of contents
4473 \setcounter{tocdepth}{0}
4474 \AtBeginDocument{%
4475   \IfFileExists{biditytufte-book.cfg}
4476     {\input{biditytufte-book.cfg}}
4477     \ClassInfo{biditytufte-book}{Loading biditytufte-book configuration file \@gobble}}
4478 {}%
4479 }

```



7.28 bidipoem.sty

```
4480 \NeedsTeXFormat{LaTeX2e}
4481 \ProvidesPackage{bidipoem}%
4482 [2014/02/05 v0.7 Environments for typesetting Persian traditional and modern poems]
4483 {\catcode`\^^M=\active % these lines must end with %
4484 \gdef\traditionalpoem@obeylines{\catcode`\^^M\active \let^^M\traditionalpoem@par}%
4485 \global\let^^M\traditionalpoem@par} % this is in case ^^M appears in a \write
4486 {\catcode`\^^M=\active % these lines must end with %
4487 \gdef\modernpoem@obeylines{\catcode`\^^M\active \let^^M\modernpoem@par}%
4488 \global\let^^M\modernpoem@par} % this is in case ^^M appears in a \write
4489 \def\poemcolsepskip{.1\versewidth plus .1\versewidth minus .05\versewidth}
4490 \def\poemmarginskip{1em plus 1fil minus 1em}
4491 \def\poemextrabaselineskip{0\baselineskip}
4492 \def\poemskip{\medskip}
4493 \newcommand{\bidipoem@openbox}{\leavevmode
4494 \hbox to.77778em{%
4495 \hfil\vrule
4496 \vbox to.675em{\hrule width.6em\vfil\hrule}%
4497 \vrule\hfil}}
4498 \def\poemblocksep{\quad\hbox{\bidipoem@openbox}}
4499 \newdimen\versewidth
4500 \newtoks\bidipoem@p@ftn
4501 \def\poem@verse#1{%
4502 \ifdim\wd#1>\new@poem@width
4503 \xdef\new@poem@width{\the\wd#1}%
4504 \ifdim\new@poem@width>\poem@width
4505 \xdef\poem@width{\new@poem@width}%
4506 \global\let\poem@needrun\relax
4507 \fi
4508 \fi
4509 \hbox to\poem@width{\unhbox#1}%
4510 \global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn%
4511 }
4512 \def\poem@linebegin{\vadjust{}\hskip\@flushglue\hskip\poemmarginskip\relax}
4513 \def\poem@lineend{\nobreak\hskip\poemmarginskip\hskip\@flushglue\vadjust{}}
4514 \def\poem@lineversesep{%
4515 \nobreak
4516 \hskip\z@ plus 1filll%
4517 \penalty600%
4518 \hskip\poemcolsepskip
4519 \hskip\z@ plus -2filll%
4520 \vadjust{}}%
4521 \nobreak
4522 \hskip\z@ plus 1filll%
4523 }
4524 \def\poem@lineparsebegin{%
4525 \halign\bgroup
4526 \global\setbox\verse@i=\hbox{%
4527 \let\@footnotetext\bidipoem@p@ftntext%
```




```

4528 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4529 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4530 \let\@xfootnotenext\bidipoem@p@xftntext%
4531 \let\@xfootnote\bidipoem@p@xfootnote%
4532 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4533 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4534 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4535 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4536 \ignorespaces##\unskip}&&
4537 \global\setbox\verse@ii=\hbox{%
4538 \let\@footnotetext\bidipoem@p@ftntext%
4539 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4540 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4541 \let\@xfootnotenext\bidipoem@p@xftntext%
4542 \let\@xfootnote\bidipoem@p@xfootnote%
4543 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4544 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4545 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4546 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4547 \ignorespaces##\unskip}
4548 \cr
4549 }
4550 \def\poem@lineparseend{%
4551 \crr\egroup
4552 \vskip-\baselineskip
4553 }
4554 \def\traditionalpoem@cr{%
4555 \cr\poem@line
4556 }
4557 \newbox\verse@i
4558 \newbox\verse@ii
4559 \newif\ifpoem@started
4560
4561 \def\poem@line{%
4562 \poem@lineparseend
4563 \ifdim\wd\verse@i>\z@\global\poem@startedtrue\fi
4564 \ifdim\wd\verse@ii>\z@\global\poem@startedtrue\fi
4565 \ifpoem@started
4566 \ifdim\wd\verse@ii>\z@\else
4567 \nopagebreak[3]
4568 \fi
4569 \leavevmode
4570 \poem@linebegin
4571 \poem@verse\verse@i
4572 \ifdim\wd\verse@ii>\z@
4573 \poem@lineversesep
4574 \poem@verse\verse@ii
4575 \fi
4576 \poem@lineend
4577 % \nopagebreak

```



```

4578 \par
4579 \vskip\poemextrabaseskip
4580 \fi
4581 \poem@lineparsebegin
4582 }
4583 \def\@traditionalpoem{%
4584 \stepcounter{poem@no}
4585 \ifnum\max@poem@no<\number\c@poem@no%
4586 \xdef\poem@width{\z@}%
4587 \else
4588 \xdef\poem@width{\poem@prop{poem@width}}%
4589 \fi
4590 \xdef\new@poem@width{\z@}%
4591 \global\versewidth=\poem@width

4592 \poemskip\par
4593 \begingroup
4594 \tabskip=\z@
4595 \parskip=\z@
4596 \parindent=\z@
4597 \parfillskip=\z@
4598 \rightskip=\z@
4599 \leftskip=\z@
4600 \widowpenalty=10000% No break between verses of the same line.
4601 \clubpenalty=10000% Same as above. Not really needed.
4602 \def\newblock{\hfil\poemblocksep\hfil\null}%
4603 \def\traditionalpoem@par{\traditionalpoem@cr}% Redefine \par for possible \obeylines
4604 \def\{\global\poem@startedtrue\traditionalpoem@cr}%
4605 \global\poem@startedfalse
4606 \csname poem@obeylines\endcsname
4607 \let\poem@obeylines\relax
4608 \poem@lineparsebegin
4609 }
4610 \def\@endtraditionalpoem{%
4611 \cr
4612 \ifdim\wd\verse@i>\z@\poem@line\else\ifdim\wd\verse@ii>\z@\poem@line\else
4613 \noalign{%
4614 \skip0=\poemextrabaseskip
4615 \vskip-\skip0
4616 \vskip-\baselineskip
4617 }%
4618 \fi\fi
4619 \poem@lineparseend
4620 \endgroup
4621 \par
4622 \vskip\baselineskip
4623 \poemskip
4624 \if@nparlist \else
4625 \ifdim\lastskip >\z@
4626 \@tempskipa\lastskip \vskip -\lastskip

```



```

4627     \advance\@tempskipa\parskip \advance\@tempskipa -\@outerparskip
4628     \vskip\@tempskipa
4629     \fi
4630     \@endparenv
4631 \fi
4632 \ifdim\new@poem@width<\poem@width
4633 \global\let\poem@needrun\relax
4634 \fi
4635     \poem@write@aux{\poem@width\romannumeral\c@poem@no}{\new@poem@width}%
4636 \ifx\AtEndDocument\undefined\poem@finish\fi
4637 }
4638
4639
4640 \long\def\bidipoem@p@ftntext#1{%
4641   \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\footnotetext[\the\csname c@\@mpfn\endcsname]}}%
4642   \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4643 \long\def\bidipoem@p@LTRftntext#1{%
4644   \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\LTRfootnotetext[\the\csname c@\@mpfn\endcsname]}}%
4645   \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4646 \long\def\bidipoem@p@RTLftntext#1{%
4647   \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\RTLfootnotetext[\the\csname c@\@mpfn\endcsname]}}%
4648   \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4649
4650 \long\def\bidipoem@p@xftntext[#1]#2{%
4651   \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\footnotetext[#1]{#2}}}
4652
4653 \long\def\bidipoem@p@xLTRftntext[#1]#2{%
4654   \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\LTRfootnotetext[#1]{#2}}}
4655
4656 \long\def\bidipoem@p@xRTLftntext[#1]#2{%
4657   \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\RTLfootnotetext[#1]{#2}}}
4658
4659 \def\bidipoem@p@xfootnote[#1]{%
4660   \begingroup
4661     \csname c@\@mpfn\endcsname #1\relax
4662     \unrestored@protected@xdef\@thefnmark{\thempfn}%
4663   \endgroup
4664   \@footnotemark\bidipoem@p@xftntext[#1]}
4665
4666 \def\bidipoem@p@xLTRfootnote[#1]{%
4667   \begingroup
4668     \csname c@\@mpfn\endcsname #1\relax
4669     \unrestored@protected@xdef\@thefnmark{\thempfn}%
4670   \endgroup
4671   \@footnotemark\bidipoem@p@xLTRftntext[#1]}
4672
4673 \def\bidipoem@p@xRTLfootnote[#1]{%
4674   \begingroup
4675     \csname c@\@mpfn\endcsname #1\relax
4676     \unrestored@protected@xdef\@thefnmark{\thempfn}%

```



```

4677 \endgroup
4678 \@footnotemark\bidipoem@p@xRTLftntext[#1]}
4679
4680
4681
4682 \newenvironment{traditionalpoem}{\@traditionalpoem}{\@endtraditionalpoem}
4683 \expandafter\def\csname traditionalpoem*\endcsname{\let\poem@obeylines=\traditionalpoem@obeylines}
4684 \expandafter\def\csname endtraditionalpoem*\endcsname{\endtraditionalpoem}
4685 \def\poem@finish{%
4686 \poem@write@aux{max@poem@no}{\number\c@poem@no}%
4687 \ifx\poem@needrun\relax
4688 \PackageWarning{bidipoem}{Unjustified poem. Rerun XeLaTeX to get poem right}%
4689 \global\let\poem@needrun\undefined
4690 \fi
4691 }
4692 \ifx\AtEndDocument\undefined\else\AtEndDocument\poem@finish\fi
4693 \newcounter{poem@no}\setcounter{poem@no}{\z@}
4694 \ifx\max@poem@no\undefined
4695 \def\max@poem@no{0}%
4696 \fi
4697 \newcommand{\poem@prop}[1]{\@nameuse{#1@romannumeral\c@poem@no}}
4698 \newcommand{\poem@write@aux}[2]{%
4699 \def\@x{\immediate\write\@auxout{\global\noexpand\@namedef{#1}{#2}}}%
4700 \@x
4701 }
4702 \def\@modernpoem{%
4703 \par
4704 \begingroup
4705 \parskip=\z@
4706 \parindent=\z@
4707 \def\[{ \@settab\@tabplus\ignorespaces}%
4708 \def\]\{ \@tabminus\ignorespaces}%
4709 \def\newblock{\poemblocksep}%
4710 \let\newpoem@tabcr\@tabcr
4711 \def\modernpoem@par{% Redefine \par for possible \obeylines
4712 \ifpoem@started\else
4713 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4714 \@stopfield
4715 \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4716 \@contfield
4717 \fi
4718 \fi
4719 \ifpoem@started\newpoem@tabcr\fi}%
4720 \def\@tabcr{\global\poem@startedtrue\newpoem@tabcr}%
4721 \global\poem@startedfalse
4722 \csname poem@obeylines\endcsname
4723 \let\poem@obeylines\relax
4724 \begin{tabbing}%
4725 }
4726 \def\@endmodernpoem{%

```



```

4727 \global\poem@startedfalse
4728 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4729   \@stopfield
4730   \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4731   \@contfield
4732 \fi
4733 \ifpoem@started\else\let\@stopline\@stopfield\fi
4734 \end{tabbing}%
4735 \endgroup
4736 \par
4737   \if@nolist \else
4738     \ifdim\lastskip >\z@
4739       \@tempskipa\lastskip \vskip -\lastskip
4740       \advance\@tempskipa\parskip \advance\@tempskipa -\outerparskip
4741       \vskip\@tempskipa
4742     \fi
4743     \@endparenv
4744   \fi
4745 }
4746 \newenvironment{modernpoem}{\@modernpoem}{\@endmodernpoem}
4747 \expandafter\def\csname modernpoem*\endcsname{\let\poem@obeylines=\modernpoem@obeylines\modernpoem@obeylines}
4748 \expandafter\def\csname endmodernpoem*\endcsname{\endmodernpoem}
4749 \gdef\@startfield{%
4750 \global\setbox\@curfield\hbox\bgroup%
4751 \let\@footnotetext\bidipoem@p@fntext%
4752 \let\@LTRfootnotetext\bidipoem@p@LTRfntext%
4753 \let\@RTLfootnotetext\bidipoem@p@RTLfntext%
4754 \let\@xfootnotenext\bidipoem@p@xftntext%
4755 \let\@xfootnote\bidipoem@p@xfootnote%
4756 \let\@xLTRfootnotenext\bidipoem@p@xLTRfntext%
4757 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4758 \let\@xRTLfootnotenext\bidipoem@p@xRTLfntext%
4759 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4760 \color@begingroup}
4761 \gdef\@stopfield{%
4762 \color@endgroup\egroup\global\bidipoem@p@fnt\expandafter{\expandafter}\the\bidipoem@p@fnt}
4763 \gdef\@contfield{%
4764 \global\setbox\@curfield\hbox\bgroup%
4765 \let\@footnotetext\bidipoem@p@fntext%
4766 \let\@LTRfootnotetext\bidipoem@p@LTRfntext%
4767 \let\@RTLfootnotetext\bidipoem@p@RTLfntext%
4768 \let\@xfootnotenext\bidipoem@p@xftntext%
4769 \let\@xfootnote\bidipoem@p@xfootnote%
4770 \let\@xLTRfootnotenext\bidipoem@p@xLTRfntext%
4771 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4772 \let\@xRTLfootnotenext\bidipoem@p@xRTLfntext%
4773 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4774 \color@begingroup\unhbox\@curfield}

```



7.29 boek3-xetex-bidi.def

```

4775 \ProvidesFile{boek3-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek3 class for XeTeX e
4776 \renewenvironment{theindex}{%
4777   \if@twocolumn
4778     \@restonecolfalse
4779   \else
4780     \@restonecoltrue
4781   \fi
4782   \columnseprule \z@
4783   \columnsep 35\p@
4784   \twocolumn[\@makeschapterhead{\indexname}]%
4785   \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
4786   \thispagestyle{plain}\parindent\z@
4787   \parskip\z@ \@plus .3\p@\relax
4788   \let\item\@idxitem
4789 }{%
4790 \if@restonecol\onecolumn\else\clearpage\fi}
4791 \renewcommand*{\head@style}{%
4792   \interlinepenalty \@M
4793   \hyphenpenalty=\@M \exhyphenpenalty=\@M
4794   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4795 \renewcommand*{\regtocline}[3]{%
4796   \ifnum #1>\c@tocdepth
4797   \else
4798     \vskip\z@ \@plus.2\p@
4799     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
4800     \if@RTL\rightskip\else\leftskip\fi\unitindent
4801     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
4802     \parfillskip\z@
4803     \@tempdima\unitindent
4804     \parindent\z@
4805     \leavevmode
4806     \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
4807     \hskip 1em \nobreak{\slshape #3}\par
4808   }%
4809   \fi}
4810 \if@oldtoc
4811 \renewcommand*{\l@part}[2]{%
4812   \ifnum \c@tocdepth >-2\relax
4813     \addpenalty{-\@highpenalty}%
4814     \addvspace{2.25em \@plus\p@}%
4815     \begingroup
4816       \setlength{\@tempdima}{3em}%
4817       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4818       \parfillskip -\@pnumwidth
4819       {\leavevmode
4820         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
4821         \nobreak
4822         \global\@nobreaktrue

```



```

4823     \everypar{\global\@nobreakfalse\everypar{}}}%
4824     \endgroup
4825     \fi}
4826 \else
4827     \renewcommand*\l@part{%
4828         \ifnum \c@tocdepth >-2\relax
4829         \addpenalty{-\@highpenalty}%
4830         \addvspace{2.25em \@plus \p@}%
4831         \@regtocline{0}%
4832     \fi}
4833 \fi
4834 \if@oldtoc
4835 \renewcommand*\l@chapter[2]{%
4836     \addpenalty{-\@highpenalty}%
4837     \vskip 1.0em \@plus\p@
4838     \setlength\@tempdima{1.5em}%
4839     \begingroup
4840     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4841     \parfillskip -\@pnumwidth
4842     \leavevmode \bfseries
4843     \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
4844     \hskip -\if@RTL\rightskip\else\leftskip\fi
4845     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
4846     \penalty\@highpenalty
4847     \endgroup}
4848 \else
4849     \renewcommand*\l@chapter{\@regtocline{0}}
4850 \fi
4851 \renewenvironment{abstract}{%
4852     \titlepage
4853     \null\vfil
4854     \section*{\SectFont \abstractname}
4855     \noindent\ignorespaces}
4856     {\par\vfil\null\endtitlepage}
4857 \renewenvironment{thebibliography}[1]
4858     {\chapter*{\bibname}%
4859     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
4860     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
4861     \list{\@biblabel{\@arabic\c@enumiv}}%
4862         {\settowidth\labelwidth{\@biblabel{#1}}%
4863         \leftmargin\labelwidth
4864         \advance\leftmargin\labelsep
4865         \@openbib@code
4866         \usecounter{enumiv}%
4867         \let\p@enumiv\@empty
4868         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
4869     \sloppy\clubpenalty4000\widowpenalty4000%
4870     \sfcode`\.\@m}
4871     {\def\@noitemerr
4872     {\@latex@warning{Empty `thebibliography' environment}}}%

```



```

4873     \endlist}
4874 \renewcommand*\left@footnoterule{%
4875     \kern-3\p@
4876     \kern.5\baselineskip
4877     \hrule\@width\unitindent
4878     \kern.4\baselineskip
4879 }
4880 \renewcommand*\right@footnoterule{%
4881     \hbox to \columnwidth
4882     {\beginR \vbox{%
4883         \kern-3\p@
4884         \kern.5\baselineskip
4885         \hrule\@width\unitindent
4886         \kern.4\baselineskip}\hfil\endR}
4887 }
4888 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
4889 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
4890 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
4891 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
4892 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
4893 \renewcommand*\theequation{%
4894     \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
4895 \renewcommand*\thefigure{%
4896     \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
4897 \renewcommand*\thetable{%
4898     \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
4899 \renewcommand*\maketitle{%
4900     \begin{titlepage}%
4901         \let\footnotesize\small
4902         \let\right@footnoterule\relax
4903         \let\left@footnoterule\relax
4904         \let\textwidth\footnoterule\relax
4905         \let \footnote \thanks
4906         \long\def\@makefnmark##1{\parindent\z@
4907             \def\labelitemi{\textendash}\@revlabeltrue
4908             \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
4909         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
4910         \if@compatibility\setcounter{page}{0}\fi
4911         \null\vfil
4912         \vskip 60\p@
4913         \begin{center}%
4914             \TitleFont
4915             {\LARGE \def\\{\penalty -\@M}
4916                 \if@allcaps
4917                     \expandafter\uc@nothanks\@title\thanks\relax
4918                 \else
4919                     \@title
4920                 \fi\par}%
4921         \vskip 3em%
4922         {\large

```




```

4923     \lineskip .75em \parindent\z@
4924     \begin{tabular}[t]{c}%
4925         \if@allcaps
4926             \expandafter\uc@authornothanks\@author\and\relax
4927         \else
4928             \@author
4929         \fi
4930     \end{tabular}\par}%
4931 \vskip 1.5em%
4932 {\large
4933     \if@allcaps
4934         \uppercase\expandafter{\@date}%
4935     \else
4936         \@date
4937     \fi\par}%
4938 \end{center}\par
4939 \@thanks
4940 \vfil\null
4941 \end{titlepage}%
4942 \setcounter{footnote}{0}%
4943 \global\let\thanks\relax
4944 \global\let\maketitle\relax
4945 \global\let\@thanks\@empty
4946 \global\let\@author\@empty
4947 \global\let\@title\@empty
4948 \global\let\@date\@empty
4949 \global\let\title\relax
4950 \global\let\author\relax
4951 \global\let\date\relax
4952 \global\let\and\relax
4953 }

```

7.30 boek-xetex-bidi.def

```

4954 \ProvidesFile{boek-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek class for XeTeX eng
4955 \renewenvironment{theindex}{%
4956     \if@twocolumn
4957         \@restonecolfalse
4958     \else
4959         \@restonecoltrue
4960     \fi
4961     \columnseprule \z@
4962     \columnsep 35\p@
4963     \twocolumn[\@makeschapterhead{\indexname}]%
4964     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
4965     \thispagestyle{plain}\parindent\z@
4966     \parskip\z@ \@plus .3\p@\relax
4967     \let\item\@idxitem
4968 }{%
4969     \if@restonecol\onecolumn\else\clearpage\fi}

```



```

4970 \renewcommand*\head@style{%
4971   \interlinepenalty \@M
4972   \hyphenpenalty=\@M \exhyphenpenalty=\@M
4973   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4974 \renewcommand*\@regtocline[3]{%
4975   \ifnum #1>\c@tocdepth
4976   \else
4977     \vskip\z@\@plus.2\p@
4978     {\hangindent\z@ \afterindenttrue \interlinepenalty\@M
4979     \if@RTL\rightskip\else\leftskip\fi\unitindent
4980     \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
4981     \parfillskip\z@
4982     \@tempdima\unitindent
4983     \parindent\z@
4984     \leavevmode
4985     \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
4986     \hskip 1em \nobreak{\slshape #3}\par
4987   }%
4988 \fi}
4989 \if@oldtoc
4990 \renewcommand*\l@part[2]{%
4991   \ifnum \c@tocdepth >-2\relax
4992     \addpenalty{-\@highpenalty}%
4993     \addvspace{2.25em \@plus\p@}%
4994     \begingroup
4995       \setlength\@tempdima{3em}%
4996       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4997       \parfillskip -\@pnumwidth
4998       {\leavevmode
4999         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
5000         \nobreak
5001         \global\@nobreaktrue
5002         \everypar{\global\@nobreakfalse\everypar{}}}%
5003     \endgroup
5004   \fi}
5005 \else
5006   \renewcommand*\l@part{%
5007     \ifnum \c@tocdepth >-2\relax
5008       \addpenalty{-\@highpenalty}%
5009       \addvspace{2.25em \@plus \p@}%
5010       \@regtocline{0}%
5011     \fi}
5012 \fi
5013 \if@oldtoc
5014 \renewcommand*\l@chapter[2]{%
5015   \addpenalty{-\@highpenalty}%
5016   \vskip 1.0em \@plus\p@
5017   \setlength\@tempdima{1.5em}%
5018   \begingroup
5019   \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth

```



```

5020 \parfillskip -\@pnumwidth
5021 \leavevmode \bfseries
5022 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
5023 \hskip -\if@RTL\rightskip\else\leftskip\fi
5024 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5025 \penalty\@highpenalty
5026 \endgroup}
5027 \else
5028 \renewcommand*\l@chapter{\@regtocline{0}}
5029 \fi
5030 \renewcommand*\left@footnoterule{%
5031 \kern-3\p@
5032 \kern.5\baselineskip
5033 \hrule\@width\unitindent
5034 \kern.4\baselineskip
5035 }
5036 \renewcommand*\right@footnoterule{%
5037 \hbox to \columnwidth
5038 {\beginR \vbox{%
5039 \kern-3\p@
5040 \kern.5\baselineskip
5041 \hrule\@width\unitindent
5042 \kern.4\baselineskip}\hfil\endR}
5043 }
5044 \renewenvironment{abstract}{%
5045 \titlepage
5046 \null\vfil
5047 \section*{\SectFont \abstractname}
5048 \noindent\ignorespaces}
5049 {\par\vfil\null\endtitlepage}
5050 \renewenvironment{thebibliography}[1]
5051 {\chapter*{\bibname}%
5052 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
5053 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
5054 \list{\@biblabel{\@arabic\c@enumiv}}%
5055 {\settowidth\labelwidth{\@biblabel{#1}}%
5056 \leftmargin\labelwidth
5057 \advance\leftmargin\labelsep
5058 \@openbib@code
5059 \usecounter{enumiv}%
5060 \let\p@enumiv\@empty
5061 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
5062 \sloppy\clubpenalty4000\widowpenalty4000%
5063 \sfcode`\.\@m}
5064 {\def\@noitemerr
5065 {\@latex@warning{Empty `thebibliography' environment}}%
5066 \endlist}
5067 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
5068 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
5069 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}

```



```

5070 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
5071 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
5072 \renewcommand*\theequation{%
5073   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
5074 \renewcommand*\thefigure{%
5075   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
5076 \renewcommand*\thetable{%
5077   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
5078 \renewcommand*\maketitle{%
5079   \begin{titlepage}%
5080     \let\footnotesize\small
5081     \let\right@footnoterule\relax
5082     \let\left@footnoterule\relax
5083     \let\textwidth@footnoterule\relax
5084     \let \footnote \thanks
5085     \long\def\@makefnmark##1{\parindent\z@
5086       \def\labelitemi{\textendash}\@revlabeltrue
5087       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
5088     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
5089     \if@compatibility\setcounter{page}{0}\fi
5090     \null\vfil
5091     \vskip 60\p@
5092     \begin{center}%
5093       \TitleFont
5094       {\LARGE \def\\{\penalty -\@M}
5095         \if@allcaps
5096           \expandafter\uc@nothanks\@title\thanks\relax
5097         \else
5098           \@title
5099         \fi\par}%
5100       \vskip 3em%
5101       {\large
5102         \lineskip .75em \parindent\z@
5103         \begin{tabular}[t]{c}%
5104           \if@allcaps
5105             \expandafter\uc@authornothanks\@author\and\relax
5106           \else
5107             \@author
5108           \fi
5109         \end{tabular}\par}%
5110       \vskip 1.5em%
5111       {\large
5112         \if@allcaps
5113           \uppercase\expandafter{\@date}%
5114         \else
5115           \@date
5116         \fi\par}%
5117       \end{center}\par
5118     \@thanks
5119     \vfil\null

```



```

5120 \end{titlepage}%
5121 \setcounter{footnote}{0}%
5122 \global\let\thanks\relax
5123 \global\let\maketitle\relax
5124 \global\let\@thanks\@empty
5125 \global\let\@author\@empty
5126 \global\let\@title\@empty
5127 \global\let\@date\@empty
5128 \global\let\title\relax
5129 \global\let\author\relax
5130 \global\let\date\relax
5131 \global\let\and\relax
5132 }

```

7.31 **bookest-xetex-bidi.def**

```

5133 \ProvidesFile{bookest-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for bookest class for XeT
5134 \def\@makechapterhead#1{%
5135   \vspace*{20\p@}
5136   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5137     \ifnum \c@secnumdepth >\m@ne
5138       \if@mainmatter
5139         {\colorA\huge\scshape \@chapapp\space \thechapter}
5140         \par\nobreak
5141         \vskip 10\p@
5142       \fi
5143     \fi
5144     \interlinepenalty\@M
5145     {\colorB\hrule}
5146     \vskip 15\p@
5147     \if@RTL\begin{flushleft}\else\begin{flushright}\fi
5148       {\colorA\Huge \bfseries #1}\par\nobreak
5149     \if@RTL\end{flushleft}\else\end{flushright}\fi
5150     \vskip 5\p@
5151     {\colorB\hrule}
5152     \vskip 30\p@
5153   }}
5154 \def\@makeschapterhead#1{%
5155   \vspace*{20\p@}
5156   {\parindent \z@ \raggedright \normalfont
5157     {\colorB\hrule}
5158     \vskip 15\p@
5159     \begin{center}
5160       {\colorA\Huge \bfseries #1}\par\nobreak
5161     \end{center}
5162     \vskip 5\p@
5163     {\colorB\hrule}
5164     \vskip 30\p@
5165   }}

```



7.32 book-xetex-bidi.def

```

5166 \ProvidesFile{book-xetex-bidi.def}[2011/08/26 v0.8 bidi adaptations for standard book class for .
5167 \renewenvironment{theindex}
5168     {\if@twocolumn
5169         \@restonecolfalse
5170     \else
5171         \@restonecoltrue
5172     \fi
5173     \columnseprule \z@
5174     \columnsep 35\p@
5175     \twocolumn[\@makeschapterhead{\indexname}]\%
5176     \@mkboth{\MakeUppercase\indexname}%
5177             {\MakeUppercase\indexname}%
5178     \thispagestyle{plain}\parindent\z@
5179     \parskip\z@ \@plus .3\p@\relax
5180     \let\item\@idxitem}
5181     {\if@restonecol\onecolumn\else\clearpage\fi}
5182 \@ifclassloaded{bookest}{\{%
5183     \if@titlepage
5184     \renewcommand\maketitle{\begin{titlepage}%
5185     \let\footnotesize\small
5186     \let\right@footnoterule\relax
5187     \let\left@footnoterule\relax
5188     \let\textwidth\footnoterule\relax
5189     \let \footnote \thanks
5190     \let \LTRfootnote \LTRthanks
5191     \let \RTLfootnote \RTLthanks
5192     \null\vfil
5193     \vskip 60\p@
5194     \begin{center}%
5195         {\LARGE \@title \par}%
5196         \vskip 3em%
5197         {\large
5198             \lineskip .75em%
5199             \begin{tabular}[t]{c}%
5200                 \@author
5201             \end{tabular}\par}%
5202         \vskip 1.5em%
5203         {\large \@date \par}%           % Set date in \large size.
5204     \end{center}\par
5205     \@thanks
5206     \vfil\null
5207     \end{titlepage}%
5208     \setcounter{footnote}{0}%
5209     \global\let\thanks\relax
5210     \global\let\LTRthanks\relax
5211     \global\let\RTLthanks\relax
5212     \global\let\maketitle\relax
5213     \global\let\@thanks\@empty

```



```

5214 \global\let\@author\@empty
5215 \global\let\@date\@empty
5216 \global\let\@title\@empty
5217 \global\let\title\relax
5218 \global\let\author\relax
5219 \global\let\date\relax
5220 \global\let\and\relax
5221 }
5222 \else
5223 \renewcommand\maketitle{\par
5224 \begingroup
5225 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
5226 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
5227 \long\def\@makefntext##1{\parindent 1em\noindent
5228 \hb@xt@1.8em{%
5229 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
5230 \if@twocolumn
5231 \ifnum \col@number=\@ne
5232 \@maketitle
5233 \else
5234 \twocolumn[\@maketitle]%
5235 \fi
5236 \else
5237 \newpage
5238 \global\@topnum\z@ % Prevents figures from going at top of page.
5239 \@maketitle
5240 \fi
5241 \thispagestyle{plain}\@thanks
5242 \endgroup
5243 \setcounter{footnote}{0}%
5244 \global\let\thanks\relax
5245 \global\let\LRthanks\relax
5246 \global\let\RTLthanks\relax
5247 \global\let\maketitle\relax
5248 \global\let\@maketitle\relax
5249 \global\let\@thanks\@empty
5250 \global\let\@author\@empty
5251 \global\let\@date\@empty
5252 \global\let\@title\@empty
5253 \global\let\title\relax
5254 \global\let\author\relax
5255 \global\let\date\relax
5256 \global\let\and\relax
5257 }
5258 \def\@maketitle{%
5259 \newpage
5260 \null
5261 \vskip 2em%
5262 \begin{center}%
5263 \let \footnote \thanks

```



```

5264 \let \LTRfootnote \LTRthanks
5265 \let \RTLfootnote \RTLthanks
5266 {\LARGE \@title \par}%
5267 \vskip 1.5em%
5268 {\large
5269 \lineskip .5em%
5270 \begin{tabular}[t]{c}%
5271 \@author
5272 \end{tabular}\par}%
5273 \vskip 1em%
5274 {\large \@date}%
5275 \end{center}%
5276 \par
5277 \vskip 1.5em}
5278 \fi}
5279 \renewcommand*\l@part[2]{%
5280 \ifnum \c@tocdepth >-2\relax
5281 \addpenalty{-\@highpenalty}%
5282 \addvspace{2.25em \@plus\p@}%
5283 \setlength\@tempdima{3em}%
5284 \begingroup
5285 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5286 \parfillskip -\@pnumwidth
5287 {\leavevmode
5288 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
5289 \nobreak
5290 \global\@nobreaktrue
5291 \everypar{\global\@nobreakfalse\everypar{}}%
5292 \endgroup
5293 \fi}
5294 \renewcommand*\l@chapter[2]{%
5295 \ifnum \c@tocdepth >\m@ne
5296 \addpenalty{-\@highpenalty}%
5297 \vskip 1.0em \@plus\p@
5298 \setlength\@tempdima{1.5em}%
5299 \begingroup
5300 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5301 \parfillskip -\@pnumwidth
5302 \leavevmode \bfseries
5303 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
5304 \hskip -\if@RTL\rightskip\else\leftskip\fi
5305 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5306 \penalty\@highpenalty
5307 \endgroup
5308 \fi}
5309 \renewcommand\left@footnoterule{%
5310 \kern-3\p@
5311 \hrule\@width.4\columnwidth
5312 \kern2.6\p@}
5313 \renewcommand\right@footnoterule{%

```




```

5314 \hbox to \columnwidth
5315 {\beginR \vbox{%
5316 \kern-3\p@
5317 \hrule\@width.4\columnwidth
5318 \kern2.6\p@}\hfil\endR}}
5319 \renewcommand\theequation
5320 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
5321 \renewcommand\thefigure
5322 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
5323 \renewcommand\thetable
5324 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
5325 \renewcommand\thechapter {\@arabic\c@chapter}
5326 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
5327 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
5328 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
5329 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
5330 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
5331 \def\@makechapterhead#1{%
5332 \vspace*{50\p@}%
5333 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5334 \ifnum \c@secnumdepth >\m@ne
5335 \if@mainmatter
5336 \huge\bfseries \@chapapp\space \thechapter
5337 \par\nobreak
5338 \vskip 20\p@
5339 \fi
5340 \fi
5341 \interlinepenalty\@M
5342 \Huge \bfseries #1\par\nobreak
5343 \vskip 40\p@
5344 }}
5345 \def\@makeschapterhead#1{%
5346 \vspace*{50\p@}%
5347 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
5348 \normalfont
5349 \interlinepenalty\@M
5350 \Huge \bfseries #1\par\nobreak
5351 \vskip 40\p@
5352 }}
5353 \renewcommand\backmatter{%
5354 \if@openright
5355 \cleardoublepage
5356 \else
5357 \clearpage
5358 \fi
5359 \@mainmatterfalse}
5360 \renewenvironment{thebibliography}[1]
5361 {\chapter*{\bibname}%
5362 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
5363 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi

```



```

5364 \list{\@biblabel{\@arabic\c@enumiv}}%
5365 \settowidth\labelwidth{\@biblabel{#1}}%
5366 \leftmargin\labelwidth
5367 \advance\leftmargin\labelsep
5368 \@openbib@code
5369 \usecounter{enumiv}%
5370 \let\p@enumiv\@empty
5371 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
5372 \sloppy
5373 \clubpenalty4000
5374 \@clubpenalty \clubpenalty
5375 \widowpenalty4000%
5376 \sfcode`.\@m}
5377 {\def\@noitemerr
5378 {\@latex@warning{Empty `thebibliography' environment}}}%
5379 \endlist}

```

7.33 breqn-xetex-bidi.def

```

5380 \ProvidesFile{breqn-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for breqn package for XeTeX]
5381 \def\@dmath[#1]{\ifRTL\@RTLfalse\fi%
5382 \everydisplay\expandafter{\the\everydisplay \display@setup}%
5383 \ifnoskipsec \leavevmode \fi
5384 \ifinlabel \leavevmode \global\@inlabelfalse \fi
5385 \if\eq@group\else\eq@prelim\fi
5386 \setkeys{breqn}{#1}%
5387 \the\eqstyle
5388 \eq@setnumber
5389 \begingroup
5390 \eq@setup@a
5391 \eq@startup
5392 }
5393 \def\@dgroup[#1]{\ifRTL\@RTLfalse\fi%
5394 \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
5395 \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
5396 \global\let\GRP@label\@empty
5397 \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
5398 \global\grp@linewidth\z@\global\grp@wdNum\z@
5399 \global\let\grp@eqs@numbered\@False
5400 \global\let\grp@aligned\@True
5401 \global\let\grp@shiftnumber\@False
5402 \eq@prelim
5403 \setkeys{breqn}{#1}%
5404 \if\grp@hasNumber \grp@setnumber \fi
5405 }
5406 \def\@dseries[#1]{\ifRTL\@RTLfalse\fi%
5407 \let\display@setup\dseries@display@setup
5408 % Question: should this be the default for dseries???
5409 \global\eq@wdCond\z@
5410 \@dmath[layout={M},#1]%

```



```

5411 \mathsurround\z@ \@@math \penalty\@Mi
5412 \let\endmath\ends@math
5413 \def\premath{%
5414   \ifdim\lastskip<.3em \unskip
5415   \else\ifnum\lastpenalty<\@M \dquad\fi\fi
5416 }%
5417 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
5418 \ignorespaces
5419 }
5420 \def\eqnumform#1{\if@Latin\else\beginR\@RTLtrue\fi(#1\@@italiccorr)\if@Latin\else\endR\fi}
5421 \renewenvironment{dsuspend}{%
5422   \global\setbox\EQ@box\vbox\bgroup\if@Latin\else\@RTLtrue\fi \@parboxrestore
5423   \parshape 1 \displayindent \displaywidth\relax
5424   \hsize=\columnwidth \noindent\ignorespaces
5425 }{%
5426   \par\egroup
5427   \global\setbox\GRP@box\vbox{%
5428     \hbox{\copy\EQ@box\top{\unvbox\EQ@box}}%
5429     \unvbox\GRP@box
5430   }%
5431   \global\GRP@queue\exp{\the\GRP@queue
5432     \elt{\let\eq@isIntertext\@True}%
5433   }%
5434 }

```

7.34 cals-xetex-bidi.def

```

5435 \ProvidesFile{cals-xetex-bidi.def}[2013/05/28 v0.3 bidi adaptations for cals package for XeTeX e
5436 \renewenvironment{calstable}[1][c]{%
5437   \if@RTL\@RTLtabtrue\cals@activate@rtl\fi
5438   \if l#1%
5439     \if@RTLtab\leftskip\fill \rightskip\z@\else\leftskip\z@ \rightskip\fill\fi
5440   \else\if r#1%
5441     \if@RTLtab\leftskip\z@ \rightskip\fill\else\leftskip\fill \rightskip\z@\fi
5442   \else\if c#1%
5443     \leftskip\fill \rightskip\fill
5444   \fi\fi\fi
5445   \let\cals@thead@tokens=\relax
5446   \let\cals@tfoot@tokens=\relax
5447   \let\cals@tbreak@tokens=\relax
5448   \cals@tfoot@height=0pt \relax
5449   \let\cals@last@context=n%
5450   \let\cals@current@context=b%
5451   \parindent=0pt %
5452   \cals@setpadding{Ag}\cals@setcellprevdepth{Al}\cals@set@tohsize%
5453   %% Alignment inside is independent on center/flushright outside
5454   \parfillskip=0pt plus1fil\relax
5455   \let\cals@borderL=\relax
5456   \let\cals@borderR=\relax
5457   \let\cals@borderT=\relax

```



```

5458 \let\cals@borderB=\relax
5459 }{% End of the table
5460 \cals@tfoot@tokens\lastrule\@RTLtabfalse}
5461
5462 \renewcommand\alignL{%
5463 \dimen0=\cals@paddingL \if@RTLtab\cals@paddingL=\dimen0 plus 1fill\else\cals@paddingL=\dimen0\
5464 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}
5465
5466 \renewcommand\alignR{%
5467 \dimen0=\cals@paddingL \if@RTLtab\cals@paddingL=\dimen0\else\cals@paddingL=\dimen0 plus 1fill\
5468 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}

```

7.35 caption-xetex-bidi.def

```

5469 \ProvidesFile{caption-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for caption package for X
5470 \let\@makecaption\caption@makecaption

```

7.36 caption3-xetex-bidi.def

```

5471 \ProvidesFile{caption3-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for caption3 package for
5472 \renewcommand*\caption@par{%
5473 \parindent\caption@parindent\hangindent\if@RTL-\fi\caption@hangindent}%

```

7.37 colortbl-xetex-bidi.def

```

5474 \ProvidesFile{colortbl-xetex-bidi.def}[2012/06/10 v0.2 bidi adaptations for colortbl package for
5475 \def\CT@setup{%
5476 \@tempdimb\col@sep
5477 \@tempdimc\col@sep
5478 \def\CT@color{%
5479 \global\let\CT@do@color\CT@@do@color
5480 \bidicolor}}
5481 \def\@classz{\@classx
5482 \@tempcnta \count@
5483 \prepnext@tok
5484 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
5485 \@addtopreamble{\if@RTLtab\beginL\fi%
5486 \setbox\z@\hbox\bgroup\bgroup\if@RTLtab\beginR\fi
5487 \ifcase \@cnum
5488 \hskip\stretch{.5}\kern\z@
5489 \dollarbegin
5490 \insert@column
5491 \dollarend\hskip\stretch{.5}\or
5492 \dollarbegin \insert@column \dollarend \hfill \or
5493 \hfill\kern\z@ \dollarbegin \insert@column \dollarend \or
5494 $\vcenter
5495 \@startpbox{\@nextchar}\insert@column \@endpbox $\or
5496 \vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
5497 \vbox \@startpbox{\@nextchar}\insert@column \@endpbox
5498 \fi
5499 \if@RTLtab\endR\fi\egroup\egroup
5500 \begingroup

```



```

5501 \CT@setup
5502 \CT@column@color
5503 \CT@row@color
5504 \CT@cell@color
5505 \CT@do@color
5506 \endgroup
5507 \@tempdima\ht\z@
5508 \advance\@tempdima\minrowclearance
5509 \vrule\@height\@tempdima\@width\z@
5510 \unhbox\z@\if@RTLtab\endL\fi}%
5511 \prepnext@tok}

```

7.38 color-xetex-bidi.def

```

5512 \ProvidesFile{color-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for color package for XeTeX]
5513 \long\def\color@b@x#1#2#3{%
5514 \leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
5515 \setbox\z@\hbox{\kern\fbboxsep\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
5516 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
5517 \dimen@dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
5518 {#1{#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}%
5519 \box\z@}}\ifmmode\else\if@RTL\endL\fi\fi}
5520 \def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
5521 \DeclareRobustCommand\color{%
5522 \ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor}
5523 \def\@declaredcolor#1{%
5524 \@ifundefined{\string\color @#1}%
5525 {\c@lor@error{`#1'}}%
5526 {\expandafter\let\expandafter\current@color
5527 \csname\string\color @#1\endcsname
5528 \set@color}%
5529 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5530 \def\@undeclaredcolor[#1]#2{%
5531 \@ifundefined{color@#1}%
5532 {\c@lor@error{model `#1'}}%
5533 {\csname color@#1\endcsname\current@color{#2}%
5534 \set@color}%
5535 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5536 \DeclareRobustCommand\bidicolor{%
5537 \@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}
5538 \def\@bidiundeclaredcolor[#1]#2{%
5539 \@ifundefined{color@#1}%
5540 {\c@lor@error{model `#1'}}%
5541 {\csname color@#1\endcsname\current@color{#2}%
5542 \set@color}%
5543 \ignorespaces}
5544 \def\@bidideclaredcolor#1{%
5545 \@ifundefined{\string\color @#1}%
5546 {\c@lor@error{`#1'}}%
5547 {\expandafter\let\expandafter\current@color

```



```

5548 \csname\string\color @#1\endcsname
5549 \set@color}%
5550 \ignorespaces}
5551 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
5552 \def\color@fbox#1#2#3{%
5553 \color@b@x{\fboxsep\z@\bidicolor#1{#2}\fbox}{\bidicolor#1{#3}}}
5554 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

7.39 combine-xetex-bidi.def

```

5555 \ProvidesFile{combine-xetex-bidi.def}[2011/09/23 v0.1 bidi adaptations for combine class for XeT
5556 \renewcommand{\c@ll@chapsecii}[2]{%
5557 \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
5558 \if@RTL\hskip -\rightskip\else\hskip -\leftskip\fi
5559 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5560 }
5561 \renewcommand{\c@ll@chapseci}{%
5562 \setlength\@tempdima{0em}%
5563 \begingroup
5564 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5565 \parfillskip -\@pnumwidth
5566 \leavevmode
5567 }
5568 \renewenvironment{tocindent}[1]{%
5569 \hangindent \if@RTL-\fi#1 \hangafter -100\relax}{%

```

7.40 crop-xetex-bidi.def

```

5570 \ProvidesFile{crop-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for crop package for XeTeX e
5571 \renewcommand*\CROP@ulc{%
5572 \if@RTLmain%
5573 \begin{picture}(0,0)
5574 \unitlength\p@thinlines
5575 \put(-40,0){\circle{10}}
5576 \put(-30,-5){\line(0,1){10}}
5577 \put(-35,0){\line(1,0){30}}
5578 \put(-10,30){\circle{10}}
5579 \put(-5,30){\line(1,0){10}}
5580 \put(0,35){\line(0,-1){30}}
5581 \end{picture}%
5582 \else%
5583 \begin{picture}(0,0)
5584 \unitlength\p@thinlines
5585 \put(-30,0){\circle{10}}
5586 \put(-30,-5){\line(0,1){10}}
5587 \put(-35,0){\line(1,0){30}}
5588 \put(0,30){\circle{10}}
5589 \put(-5,30){\line(1,0){10}}
5590 \put(0,35){\line(0,-1){30}}
5591 \end{picture}%
5592 \fi%

```



```

5593 }
5594 \renewcommand*\CROP@urc{%
5595   \if@RTLmain%
5596     \begin{picture}(0,0)
5597       \unitlength\p@\thinlines
5598       \put(20,0){\circle{10}}
5599       \put(30,-5){\line(0,1){10}}
5600       \put(35,0){\line(-1,0){30}}
5601       \put(-10,30){\circle{10}}
5602       \put(-5,30){\line(1,0){10}}
5603       \put(0,35){\line(0,-1){30}}
5604     \end{picture}%
5605   \else%
5606     \begin{picture}(0,0)
5607       \unitlength\p@\thinlines
5608       \put(30,0){\circle{10}}
5609       \put(30,-5){\line(0,1){10}}
5610       \put(35,0){\line(-1,0){30}}
5611       \put(0,30){\circle{10}}
5612       \put(-5,30){\line(1,0){10}}
5613       \put(0,35){\line(0,-1){30}}
5614     \end{picture}%
5615   \fi%
5616 }
5617 \renewcommand*\CROP@llc{%
5618   \if@RTLmain%
5619     \begin{picture}(0,0)
5620       \unitlength\p@\thinlines
5621       \put(-40,0){\circle{10}}
5622       \put(-30,-5){\line(0,1){10}}
5623       \put(-35,0){\line(1,0){30}}
5624       \put(-10,-30){\circle{10}}
5625       \put(-5,-30){\line(1,0){10}}
5626       \put(0,-35){\line(0,1){30}}
5627     \end{picture}%
5628   \else%
5629     \begin{picture}(0,0)
5630       \unitlength\p@\thinlines
5631       \put(-30,0){\circle{10}}
5632       \put(-30,-5){\line(0,1){10}}
5633       \put(-35,0){\line(1,0){30}}
5634       \put(0,-30){\circle{10}}
5635       \put(-5,-30){\line(1,0){10}}
5636       \put(0,-35){\line(0,1){30}}
5637     \end{picture}%
5638   \fi%
5639 }
5640 \renewcommand*\CROP@lrc{%
5641   \if@RTLmain%
5642     \begin{picture}(0,0)

```



```

5643      \unitlength\p@\thinlines
5644      \put(20,0){\circle{10}}
5645      \put(30,-5){\line(0,1){10}}
5646      \put(35,0){\line(-1,0){30}}
5647      \put(-10,-30){\circle{10}}
5648      \put(-5,-30){\line(1,0){10}}
5649      \put(0,-35){\line(0,1){30}}
5650  \end{picture}%
5651  \else%
5652  \begin{picture}(0,0)
5653      \unitlength\p@\thinlines
5654      \put(30,0){\circle{10}}
5655      \put(30,-5){\line(0,1){10}}
5656      \put(35,0){\line(-1,0){30}}
5657      \put(0,-30){\circle{10}}
5658      \put(-5,-30){\line(1,0){10}}
5659      \put(0,-35){\line(0,1){30}}
5660  \end{picture}%
5661  \fi%
5662 }
5663 \ifpackagewith{crop}{cam}{%
5664 \CROP@execopt{cam}%
5665 }{}

```

7.41 cutwin-xetex-bidi.def

```

5666 \ProvidesFile{cutwin-xetex-bidi.def}[2011/11/12 v0.1 bidi adaptations for cutwin package for XeT
5667 \renewcommand*{\c@twcompctr}[2]{%
5668   \def\c@twfirst{1}
5669   \loop\advance\c@twwinlines\m@ne
5670   \setbox\c@twslicea=\vsplit#1 to\baselineskip
5671   \setbox\c@twsliceb=\vsplit#1 to\baselineskip
5672   \c@twprune{\c@twslicea}{\c@twlftside}%
5673   \c@twprune{\c@twsliceb}{\c@twrtside}%
5674   \ifnum\c@twfirst=\@ne
5675     \setbox#2=\vbox{\unvbox#2\hbox
5676       to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\pageinwindow\hfil\if@RTL\box\c@twsl
5677     \else
5678       \setbox#2=\vbox{\unvbox#2\hbox
5679       to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\box
5680     \fi
5681   \def\c@twfirst{2}
5682   \ifnum\c@twwinlines>\z@\repeat}
5683 \renewcommand*{\c@twcompodctr}[2]{%
5684   \def\c@twrounds{1}
5685   \def\c@twfirst{1}
5686   \@for\c@twlspec:=\c@twb\do{%
5687     \ifnum\c@twrounds=1
5688       \setbox\c@twslicea=\vsplit#1 to\baselineskip % first of pair
5689       \c@twprune{\c@twslicea}{\c@twlspec}%

```




```

5690 \def\c@twrounds{2}
5691 \else
5692 \setbox\c@twsliceb=\vsplit#1 to\baselineskip % second of pair
5693 \c@twprune{\c@twsliceb}{\c@twlspec}%
5694 \ifnum\c@twfirst=1
5695 \setbox#2=\vbox{\unvbox#2\hbox
5696 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\picinwindow\hfil\if@RTL\box\
5697 \def\c@twfirst{2}}
5698 \else
5699 \setbox#2=\vbox{\unvbox#2\hbox
5700 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\box\c@twsliceb\fi}
5701 \fi
5702 \def\c@twrounds{1}}
5703 \fi}}

```

```

5704 \ProvidesFile{cuted-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for cuted package for XeTeX
5705 \def\RTL@outputdblcol{%
5706 \if@firstcolumn \global\@firstcolumnfalse
5707 \global\setbox\@leftcolumn \box\@outputbox
5708 \else
5709 \global\@firstcolumntrue
5710 \setbox\@outputbox \vbox {\hbox to\textwidth {%
5711 \hskip \columnwidth
5712 \hfil \vrule width\columnseprule \hfil
5713 \hbox to\columnwidth {\box\@leftcolumn \hss}}%
5714 \hskip -\textwidth
5715 \hbox to\columnwidth{\box\@outputbox \hss}}%
5716 \hskip \columnsep
5717 \hskip \columnwidth }}%
5718 \ifvoid\hold@viper
5719 \else
5720 \setbox\@outputbox \vbox to\textheight{%
5721 \box\hold@viper
5722 \box\@outputbox
5723 \vss
5724 }%
5725 \fi
5726 \@combinedblfloats \@outputpage
5727 \begingroup \@dblfloatplacement \@startdblcolumn
5728 \@whilesw\if@fcolmade \fi
5729 {\@outputpage \@startdblcolumn }%
5730 \ifvoid\@viper
5731 \else
5732 \global\setbox\@viper\vbox{%
5733 \vskip-\stripsep
5734 \unvbox\@viper
5735 }%
5736 \@viperoutput

```



```

5737     \fi
5738 \endgroup
5739 \fi}
5740 \def\LTR@outputdblcol{%
5741   \if@firstcolumn
5742     \global \@firstcolumnfalse
5743     \global \setbox\@leftcolumn \box\@outputbox
5744   \else
5745     \global \@firstcolumntrue
5746     \setbox\@outputbox \vbox {%
5747       \hb@xt@\textwidth {%
5748         \hb@xt@\columnwidth {%
5749           \box\@leftcolumn \hss}%
5750         \hfil
5751         \vrule \@width\columnseprule
5752         \hfil
5753         \hb@xt@\columnwidth {%
5754           \box\@outputbox \hss}%
5755         }%
5756       }%
5757   \ifvoid\hold@viper
5758   \else
5759     \setbox\@outputbox \vbox to\textheight{%
5760       \box\hold@viper
5761       \box\@outputbox
5762       \vss
5763     }%
5764   \fi
5765   \@combinedblfloats
5766   \@outputpage
5767   \beginingroup
5768   \@dblfloatplacement
5769   \@startdblcolumn
5770   \@whiles\if@fcolmade \fi
5771   {\@outputpage
5772    \@startdblcolumn}%
5773   \ifvoid@viper
5774   \else
5775     \global\setbox\@viper\vbox{%
5776       \vskip-\stripsep
5777       \unvbox\@viper
5778     }%
5779     \@viperoutput
5780   \fi
5781 \endgroup
5782 \fi
5783 }
5784 \def \@addviper {%
5785   \if@firstcolumn
5786     \insertfalse

```



```

5787 \@reqcolroom .5\@pageht
5788 \ht@viper\@reqcolroom
5789 \advance \@reqcolroom \ht\@viper
5790 \advance \@reqcolroom \stripsep
5791 \ifvoid\hold@viper\@tempdima=z\else\@tempdima\ht\hold@viper\fi
5792 %%
5793 \@tempdimb \ht@viper
5794 \loop
5795 \setbox\v@aaa\copy\@holdpg
5796 \setbox\v@ccc\vbox to\@tempdimb{%
5797 \vsplit\v@aaa to\@tempdimb\vss\vsplit\v@aaa to\@tempdimb}%
5798 \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5799 \ifvoid\v@aaa \else \advance\@tempdimb 1pt \repeat
5800 \loop
5801 \setbox\v@aaa\copy\@holdpg
5802 \setbox\v@ccc\vbox to\@tempdimb{%
5803 \vsplit\v@aaa to\@tempdimb\vss}%
5804 \wlog{(2)Left:\the\ht\v@ccc\space Right:\the\ht\v@aaa\space Output:\the\@tempdimb}%
5805 \ifdim \ht\v@ccc<\ht\v@aaa \@tempdimb \the\ht\v@aaa \repeat
5806 \wlog{- LAST -^^JLeft:\the\ht\v@ccc^^JRight:\the\ht\v@aaa^^JOutput:\the\@tempdimb}%
5807 \setbox\v@ccc\vbox to\@tempdimb{%
5808 \vsplit\@holdpg to\@tempdimb\vss}%
5809 %%
5810 \setbox\@tempboxa \vbox {%
5811 \hb@xt@\textwidth {%
5812 \ifRTLmain%
5813 \hskip \columnwidth
5814 \hfil \vrule width\columnseprule \hfil
5815 \hb@xt@\columnwidth {%
5816 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5817 \hskip -\textwidth
5818 \hb@xt@\columnwidth {%
5819 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5820 \hskip \columnsep
5821 \hskip \columnwidth
5822 \else%
5823 \hb@xt@\columnwidth {%
5824 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5825 \hfil
5826 \vrule \@width\columnseprule
5827 \hfil
5828 \hb@xt@\columnwidth {%
5829 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5830 \fi}%
5831 }%
5832 \ifvoid\hold@viper
5833 \global\setbox\hold@viper \vbox {%
5834 \unvbox\@tempboxa
5835 \penalty\interlinepenalty
5836 \vskip\stripsep

```



```

5837         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5838         \outputpenalty \z@
5839         }%
5840     \else
5841         \global\setbox\hold@viper \vbox {%
5842             \unvbox\hold@viper
5843             \unvbox\@tempboxa
5844             \penalty\interlinepenalty
5845             \vskip\stripsep
5846             \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5847             \outputpenalty \z@
5848             }%
5849     \fi
5850     \ifdim \@colroom>\@reqcolroom
5851         \global\setbox\hold@viper \vbox {%
5852             \unvbox\hold@viper
5853             \box\@viper
5854             \penalty\interlinepenalty
5855             \vskip\stripsep
5856             \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5857             \outputpenalty \z@
5858             }%
5859         \@inserttrue
5860         \advance\@tempdima by-\ht\hold@viper
5861         \global \advance \@colht \@tempdima
5862         \ifdim \@colht<2.5\baselineskip
5863             \@latex@warning@no@line {Optional argument of \noexpand\twocolumn
5864                 too tall on page \thepage (1 stulpelis)}%
5865             \@emptycol
5866             \if@firstcolumn
5867             \else
5868                 \@emptycol
5869             \fi
5870             \global\@lastvipertrue
5871         \else
5872             \global \vsize \@colht
5873             \global \@colroom \@colht
5874             \check@floats
5875             \ifdim\@tempdima>\z@
5876                 \global\advance\@colroom by-\@tempdima
5877             \fi
5878             \ifdim\@colroom<\z@
5879                 \global\@colroom 1pt
5880                 \ifdim\@tempdima>\@colht
5881                     \@latex@warning@no@line {TOP ir/ar BOT FLOAT's
5882                         netelpa lape \thepage (1 stulpelis)}%
5883                 \fi
5884                 \@emptycol
5885                 \if@firstcolumn
5886                 \else

```



```

5887             \@emptycol
5888             \fi
5889             \global\@lastvipertrue
5890         \fi
5891     \fi
5892 \fi
5893 \else
5894     \@insertfalse
5895     \@reqcolroom\@colht
5896     \advance\@reqcolroom \@pageht
5897     \ht@viper.5\@reqcolroom
5898     \@reqcolroom\ht@viper
5899     \advance \@reqcolroom \ht@viper
5900     \advance \@reqcolroom \stripsep
5901     \if@flushend@auto@baselineskip
5902         \setbox\@tempboxa\vbox{\unvcopy\@leftcolumn
5903             \global\lastskip@d\lastskip
5904             \global\lastskip@b\lastskip
5905             \loop
5906                 \global\lastskip@a\lastskip@b
5907                 \unskip\unpenalty
5908                 \global\lastskip@b\lastskip
5909                 \global\advance\lastskip@d by\lastskip
5910             \ifdim\lastskip@b=-\lastskip@a
5911                 \global\advance\lastskip@d by-\lastskip
5912             \else
5913                 \repeat
5914             \ifdim\lastskip@b=-\lastskip@a
5915                 \ifdim\lastskip@b=\z@
5916                     \setbox\lastbox@a\lastbox
5917                     \global\advance\lastskip@d by\ht\lastbox@a
5918                     \global\advance\lastskip@d by\lastskip
5919                     \unskip\unpenalty
5920                     \setbox\lastbox@a\lastbox
5921                     \global\advance\lastskip@d by\dp\lastbox@a
5922                 \else
5923                     \global\lastskip@d\lastskip
5924                     \global\advance\lastskip@d by\topskip
5925                 \fi
5926             \fi
5927             \global\advance\lastskip@d by-\topskip
5928         }%
5929     \ifdim\ht\@holdpg>\@colht
5930     \global\setbox\@holdpg\vbox{\unvbox\@leftcolumn\unskip\unpenalty
5931         \par\eject
5932         \vbox to \@colht{\unvbox\@holdpg\unskip}}%
5933     }%
5934 \else
5935     \global\setbox\@holdpg\vbox{%
5936         \unvbox\@leftcolumn\unskip\unpenalty

```



```

5937         \vskip\lastskip@d
5938         \the\At@ViperColsBreak
5939         \unvbox\@holdpg
5940         \unskip
5941     }%
5942 \fi
5943 \else
5944     \global\setbox\@holdpg\vbox{%
5945         \unvbox\@leftcolumn
5946         \setbox\@tempboxa\lastbox
5947         \on@stripcols@break
5948         \the\At@ViperColsBreak
5949         \unvbox\@holdpg
5950     }%
5951 \fi
5952 \global\At@ViperColsBreak{}%
5953 \ht@viper .5\ht\@holdpg
5954 \ifdim \ht@viper>\@colht
5955     \ht@viper \@colht
5956 \fi
5957 \ifvoid\hold@viper\@tempdima=\z@ \else \@tempdima\ht\hold@viper\fi
5958 %%
5959 \@tempdimb \ht@viper
5960 \loop
5961     \setbox\v@aaa\copy\@holdpg
5962     \setbox\v@ccc\vbox to\@tempdimb{%
5963         \vsplit\v@aaa to\@tempdimb
5964         \vss
5965         \vsplit\v@aaa to\@tempdimb
5966     }%
5967     \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5968 \ifvoid\v@aaa
5969 \else
5970     \advance\@tempdimb 1\p@
5971 \repeat
5972 \loop
5973     \setbox\v@aaa\copy\@holdpg
5974     \setbox\v@ccc\vbox to\@tempdimb{\vsplit\v@aaa to\@tempdimb\vss}%
5975     \wlog{(2)Left:\the\ht\v@ccc\space
5976         Right:\the\ht\v@aaa\space
5977         Output:\the\@tempdimb
5978     }%
5979 \ifdim\ht\v@ccc<\ht\v@aaa
5980     \@tempdimb \the\ht\v@aaa
5981 \repeat
5982 \wlog{- LAST -^^JLeft:\the\ht\v@ccc
5983     ^^JRight:\the\ht\v@aaa
5984     ^^JOutput:\the\@tempdimb
5985     }%
5986 \setbox\v@ccc\vbox to\@tempdimb{\vsplit\@holdpg to\@tempdimb\vss}%

```



```

5987 \setbox\@tempboxa\vbox{%
5988 \hb@xt@\textwidth {%
5989 \hb@xt@\columnwidth{\vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5990 \hfil
5991 \vrule \@width\columnseprule
5992 \hfil
5993 \hb@xt@\columnwidth {\vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5994 }%
5995 }%
5996 \ifvoid\hold@viper
5997 \global\setbox\hold@viper \vbox {%
5998 \unvbox\@tempboxa
5999 \penalty\interlinepenalty
6000 \vskip\stripsep
6001 \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
6002 \outputpenalty \z@
6003 }%
6004 \else
6005 \global\setbox\hold@viper \vbox {%
6006 \unvbox\hold@viper
6007 \unvbox\@tempboxa
6008 \penalty\interlinepenalty
6009 \vskip\stripsep
6010 \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
6011 \outputpenalty \z@
6012 }%
6013 \fi
6014 \ifdim \@colht>\@reqcolroom
6015 \global\setbox\hold@viper \vbox {%
6016 \unvbox\hold@viper
6017 \box\@viper
6018 \penalty\interlinepenalty
6019 \vskip\stripsep
6020 \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
6021 \outputpenalty \z@
6022 }%
6023 \@inserttrue
6024 \global\@firstcolumntrue
6025 \advance\@tempdima by-\ht\hold@viper
6026 \global \advance \@colht \@tempdima
6027 \ifdim \@colht<2.5\baselineskip
6028 \@latex@warning@no@line {Optional argument of \noexpand\twocolumn
6029 too tall on page \thepage (2 stulpelis)}%
6030 \@emptycol
6031 \if@firstcolumn
6032 \else
6033 \@emptycol
6034 \fi
6035 \global\@lastvipertrue
6036 \else

```



```

6037         \global \vsize \@colht
6038         \global \@colroom \@colht
6039         \check@floats
6040         \ifdim\@tempdima>\z@
6041             \global\advance\@colroom by-\@tempdima
6042         \fi
6043         \ifdim\@colroom<\z@
6044             \global\@colroom 1pt
6045             \ifdim\@tempdima>\@colht
6046                 \@latex@warning@no@line {TOP ir/ar BOT FLOAT's
6047                                         netelpe lape \thepage (2 stulpelis))}%
6048             \fi
6049             \@emptycol
6050             \if@firstcolumn
6051                 \else
6052                     \@emptycol
6053                 \fi
6054             \global\@lastvipertrue
6055         \fi
6056     \fi
6057 \fi
6058 \if
6059 \if@insert
6060 \else
6061     \advance\@tempdima by-\ht\hold@viper
6062     \global \advance \@colht \@tempdima
6063     \global\setbox\hold@viper \vbox {%
6064                                     \unvbox\hold@viper
6065                                     \csname viper@top@hook\endcsname
6066                                     \vsplit\@viper to \@colht
6067                                     \vss
6068                                     }%
6069     \vbox{}%
6070     \global\@firstcolumnfalse
6071     \newpage
6072 \fi
6073 }

```

7.43 cvthemebidicasual.sty

```

6074 \NeedsTeXFormat{LaTeX2e}
6075 \ProvidesPackage{cvthemebidicasual}
6076 \DeclareOption{blue}{\fi}
6077 \newif\if@colourorange\@colourorangefalse
6078 \DeclareOption{orange}{\@colourorangetrue}
6079 \newif\if@colourgreen\@colourgreenfalse
6080 \DeclareOption{green}{\@colourgreentrue}
6081 \newif\if@colourred\@colourredfalse
6082 \DeclareOption{red}{\@colourredtrue}
6083 \newif\if@colourgrey\@colourgreyscalefalse

```




```

6084 \DeclareOption{grey}{\@colourgreytrue}
6085 \DeclareOption*{
6086   \PackageWarning{cvthemebidicasual}{Unknown option '\CurrentOption'}}
6087 \ExecuteOptions{colour}
6088 \ProcessOptions\relax
6089 \renewcommand*{\listitemsymbol}{\textbullet}
6090 \definecolor{firstnamecolor}{rgb}{0.65,0.65,0.65}
6091 \familynamecolour{808080}
6092 \firstnamecolour{A9A9A9}
6093 \quotecolour{696969}
6094 \addresscolour{696969}
6095 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.50,0.75}
6096 \sectiontitlecolour{1E90FF}
6097 \subsectioncolour{4682B4}
6098 \definecolor{rulecolour}{gray}{0.6}
6099 \definecolor{footersymbolcolour}{rgb}{0.25,0.50,0.75}
6100 \definecolor{footersymbolcolor}{rgb}{0.25,0.50,0.75}
6101 \if@colourorange
6102   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6103   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6104   \sectiontitlecolour{FF8C00}
6105   \subsectioncolour{FF8C00}
6106   \definecolor{footersymbolcolour}{rgb}{0.95,0.55,0.15}
6107   \definecolor{footersymbolcolor}{rgb}{0.95,0.55,0.15}\fi
6108 \if@colourgreen
6109   \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6110   \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6111   \sectiontitlecolour{008000}
6112   \subsectioncolour{008000}
6113   \definecolor{footersymbolcolour}{rgb}{0.30,0.65,0.15}
6114   \definecolor{footersymbolcolor}{rgb}{0.30,0.65,0.15}\fi
6115 \if@coloured
6116   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6117   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6118   \sectiontitlecolour{FF0000}
6119   \subsectioncolour{FF0000}
6120   \definecolor{footersymbolcolour}{rgb}{0.95,0.20,0.20}
6121   \definecolor{footersymbolcolor}{rgb}{0.95,0.20,0.20}\fi
6122 \if@colourgrey
6123   \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6124   \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6125   \sectiontitlecolour{808080}
6126   \subsectioncolour{808080}
6127   \definecolor{footersymbolcolour}{rgb}{0.35,0.35,0.35}
6128   \definecolor{footersymbolcolor}{rgb}{0.35,0.35,0.35}\fi
6129 \renewcommand*{\ttdefault}{pcr}
6130 \renewcommand*{\firstnamefont}{\fontsize{38}{40}\mdseries\upshape}
6131 \renewcommand*{\familynamefont}{\firstnamefont}
6132 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
6133 \renewcommand*{\quote font}{\large\slshape}

```



```

6134 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6135 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6136 \renewcommand*{\maketitle}{%
6137   {%
6138     \ifthenelse{\isundefined{\@photo}}{%
6139       {}%
6140       {\color{firstnamecolor}\framebox{\includegraphics[width=\@photowidth]{\@photo}}}%
6141       \hfill%
6142       \bidi@raggedleft{\firstnamestyle{\@firstname}~\familynamestyle{\@familyname}}\[-.35em]}%
6143       {\color{firstnamecolor}\rule{\textwidth}{.25ex}\[2.5em]}%
6144     \ifthenelse{\isundefined{\@quote}}{%
6145       {}%
6146       {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\[2.5em]}%
6147     }%
6148 \newif\if@firstfooterelement\@firstfooterelementtrue
6149 \providecommand*{\footersymbol}{}
6150 \renewcommand*{\footersymbol}{%
6151   \if@firstfooterelement%
6152   \else%
6153     {~~\color{footersymbolcolor}\textbullet~~}\fi}
6154 \providecommand*{\makefooter}{}
6155 \renewcommand*{\makefooter}{%
6156   \fancypagestyle{plain}{%
6157     \fancyfoot[c]{%
6158       \parbox{0.8\textwidth}{%
6159         \centering%
6160         \addressfont\@addresscolour%
6161         \ifthenelse{\isundefined{\@address}}{}{%
6162           \addresssymbol~\@address\\%
6163           \@firstfooterelementfalse}%
6164         \ifthenelse{\isundefined{\@mobile}}{}{\mobilesymbol~\@mobile\@firstfooterelementfalse}%
6165         \ifthenelse{\isundefined{\@phone}}{}{\footersymbol\phonesymbol~\@phone\@firstfooterelementfalse}%
6166         \ifthenelse{\isundefined{\@fax}}{}{\footersymbol\faxsymbol~\@fax\@firstfooterelementfalse}%
6167         \ifthenelse{\isundefined{\@email}}{}{\footersymbol\emailsymbol~\email\@firstfooterelementfalse}%
6168         \ifthenelse{\isundefined{\@extrainfo}}{}{\footersymbol\@extrainfo\@firstfooterelementfalse}%
6169       }%
6170     \pagestyle{plain}}
6171 \AtBeginDocument{\makefooter}

```

7.44 cvthemebidiclassic.sty

```

6172 \NeedsTeXFormat{LaTeX2e}
6173 \ProvidesPackage{cvthemebidiclassic}
6174 \DeclareOption{blue}{}
6175 \newif\if@colourorange\@colourorangefalse
6176 \DeclareOption{orange}{\@colourorange true}
6177 \newif\if@colourgreen\@colourgreenfalse
6178 \DeclareOption{green}{\@colourgreentrue}
6179 \newif\if@colourred\@colourredfalse
6180 \DeclareOption{red}{\@colourred true}

```



```

6181 \newif\if@colourgrey\@colourgreyfalse
6182 \DeclareOption{grey}{\@colourgreytrue}
6183 \DeclareOption*{
6184   \PackageWarning{cvthemebidicclassic}{Unknown option ‘\CurrentOption’}}
6185 \ExecuteOptions{colour}
6186 \ProcessOptions\relax
6187 \renewcommand*{\listitemsymbol}{\textbullet}
6188 \firstnamecolour{}
6189 \familynamecolour{}
6190 \titlecolour{808080}
6191 \quotecolour{696969}
6192 \addresscolour{696969}
6193 \definecolor{sectionrectanglecolour}{rgb}{0.25,0.50,0.75}
6194 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.5,0.75}
6195 \sectiontitlecolour{1E90FF}
6196 \subsectioncolour{4682B4}
6197 \if@colourorange
6198   \addresscolour{FF8C00}
6199   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.65,0.20}
6200   \definecolor{sectionrectanglecolor}{rgb}{1,0.65,0.20}
6201   \sectiontitlecolour{FF8C00}
6202   \subsectioncolour{FF8C00}\fi
6203 \if@colourgreen
6204   \addresscolour{008000}
6205   \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6206   \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6207   \sectiontitlecolour{008000}
6208   \subsectioncolour{008000}\fi
6209 \if@colourred
6210   \addresscolour{FF0000}
6211   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6212   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6213   \sectiontitlecolour{FF0000}
6214   \subsectioncolour{FF0000}\fi
6215 \if@colourgrey
6216   \addresscolour{808080}
6217   \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6218   \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6219   \sectiontitlecolour{808080}
6220   \subsectioncolour{808080}\fi
6221 \renewcommand*{\ttdefault}{pcr}
6222 \renewcommand*{\firstnamefont}{\fontsize{34}{36}\mdseries\upshape}
6223 \renewcommand*{\titlefont}{\LARGE\mdseries\slshape}
6224 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
6225 \renewcommand*{\familynamefont}{\firstnamefont}
6226 \renewcommand*{\quotefont}{\large\slshape}
6227 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6228 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6229 \newlength{\maketitlenamemaxwidth}
6230 \setlength{\maketitlenamemaxwidth}{.525\textwidth}

```



```

6231 \newlength{\maketitlefullnamewidth}
6232 \settowidth{\maketitlefullnamewidth}{\firstnamestyle{\@firstname~}\familynamestyle{\@familyname}}
6233 \newlength{\maketitlenamewidth}
6234 \ifnum\maketitlenamemaxwidth<\maketitlefullnamewidth\setlength{\maketitlenamewidth}{\maketitlefullnamewidth}
6235 \newlength{\maketitlepicturewidth}
6236 \setlength{\maketitlepicturewidth}{\@photowidth}
6237 \newlength{\maketitledetailwidth}
6238 \renewcommand*{\recomputethemelengths}{%
6239   \setlength{\maketitledetailwidth}{\textwidth}%
6240   \addtolength{\maketitledetailwidth}{-\maketitlenamewidth}%
6241   \addtolength{\maketitledetailwidth}{-\separatorcolumnwidth}%
6242   \addtolength{\maketitledetailwidth}{-\maketitlepicturewidth}%
6243 \recomputethemelengths
6244 \newif\if@firstdetailselement\@firstdetailselementtrue
6245 \newcommand*{\maketitledetailsnewline}{%
6246   \if@firstdetailselement%
6247     \@firstdetailselementfalse%
6248   \else%
6249     \[\.2em]\fi}
6250 \renewcommand*{\maketitle}{%
6251   % name and title
6252   \begin{minipage}[b]{\maketitlenamewidth}%
6253     \firstnamestyle{\@firstname~}\familynamestyle{\@familyname}%
6254     \ifthenelse{\equal{\@title}{}}{\[\[1.25em]\titlestyle{\@title}}{}%
6255   \end{minipage}%
6256   % optional data
6257   \begin{minipage}[b]{\maketitledetailwidth}%
6258     \bidi@raggedleft\addressfont\@addresscolour%
6259     \ifthenelse{\isundefined{\@address}}{\}%{\%
6260       \maketitledetailsnewline%
6261       \addresssymbol-\@\@address}%
6262     \ifthenelse{\isundefined{\@mobile}}{\}%{\maketitledetailsnewline\mobilesymbol~\@mobile}%
6263     \ifthenelse{\isundefined{\@phone}}{\}%{\maketitledetailsnewline\phonesymbol~\@phone}%
6264     \ifthenelse{\isundefined{\@fax}}{\}%{\maketitledetailsnewline\faxsymbol~\@fax}%
6265     \ifthenelse{\isundefined{\@email}}{\}%{\maketitledetailsnewline\emailsymbol~\emailink{\@email}}%
6266     \ifthenelse{\isundefined{\@extrainfo}}{\}%{\maketitledetailsnewline\@extrainfo}%
6267   \end{minipage}%
6268   % optional photo
6269   \ifthenelse{\isundefined{\@photo}}{\}%{\%
6270     {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=\maketitlepicturewidth]{\@photo}}}%
6271   % optional quote
6272   \ifthenelse{\isundefined{\@quote}}{\}%{\%
6273     {\centering\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\[\[2.5em]\fi}
6274   }

```

7.45 dblfnote-xetex-bidi.def

```

6277 \ProvidesFile{dblfnote-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for dblfnote package for

```



```

6278 \let\autofootnoterule\relax
6279 \let\rightfootnoterule\relax
6280 \let\leftfootnoterule\relax
6281 \let\textwidthfootnoterule\relax
6282 \let\LRfootnoterule\relax
6283 \def\footnoterule{\kern-3\p@
6284   \hrule \@width \DFNcolumnwidth \kern 2.6\p@}%
6285 \AtBeginDocument{\let\dfn@latex@footnotetext\@footnotetext
6286 \let\@footnotetext\dfn@footnotetext}
6287 \long\def\dfn@LTRfootnotetext#1{\setbox\dfn@boxa\vbox{
6288   \let\insert\dfn@gobble
6289   \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6290   \def\@makefnmark{\smash{\dfn@makefnmark}}
6291   \dfn@latex@LTRfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6292   \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6293   \ifdim\dfn@dima>\z@ \else
6294     \dfn@dima1sp\relax
6295     \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi
6296   \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6297     \ifvoid\dfn@ins\else
6298       \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6299     \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6300   \setbox\dfn@boxa\copy\dfn@ins
6301   \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6302   \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6303   \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6304   \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}}%
6305   \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6306 \AtBeginDocument{\let\dfn@latex@LTRfootnotetext\@LTRfootnotetext
6307 \let\@LTRfootnotetext\dfn@LTRfootnotetext}
6308 \long\def\dfn@RTLfootnotetext#1{\setbox\dfn@boxa\vbox{
6309   \let\insert\dfn@gobble
6310   \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6311   \def\@makefnmark{\smash{\dfn@makefnmark}}
6312   \dfn@latex@RTLfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6313   \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6314   \ifdim\dfn@dima>\z@ \else
6315     \dfn@dima1sp\relax
6316     \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi
6317   \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6318     \ifvoid\dfn@ins\else
6319       \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6320     \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6321   \setbox\dfn@boxa\copy\dfn@ins
6322   \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6323   \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6324   \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6325   \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}}%
6326   \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6327 \AtBeginDocument{\let\dfn@latex@RTLfootnotetext\@RTLfootnotetext

```



```

6328 \let\@RTLfootnotetext\dfn@RTLfootnotetext}
6329 \def\dfn@RTLmakecol{\ifvoid\footins\else
6330     \dfn@dima\ht\footins
6331     \@tempcnta\z@ \dfn@countins
6332     \@tempdima\z@ \let\@elt\dfn@elt@getht
6333     \dfn@list\@nil
6334     \ifdim\@tempdima=\z@\else
6335     \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6336     \global\setbox\dfn@ins\box\dfn@ins
6337     \@tempwattrue
6338     \ifdfn@trysingle
6339         \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
6340         \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6341         \advance\@tempdima-\skip\footins
6342         \advance\@tempdima-\ht\dfn@boxa
6343         \ifdim\@tempdima<\z@\else \@tempwafalse
6344             \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
6345                 \footnoterule \unvbox\dfn@boxa}\fi\fi
6346     \if@tempswa
6347     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6348     \global\setbox\footins\vbox{\hbox{%
6349         \hskip \DFNcolumnwidth
6350         \hskip\DFNcolumnsep
6351         \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
6352             \unvbox\dfn@boxb\vss}\hss}
6353         \hskip -\textwidth
6354         \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
6355             \vbox to\@tempdima{
6356                 \setbox\@tempboxa\vbox{\footnoterule}
6357                 \ifdfn@ruleboth \unvbox\@tempboxa
6358                 \else \@tempdima\ht\@tempboxa
6359                 \advance\@tempdima\dp\@tempboxa
6360                 \vskip\@tempdima
6361                 \prevdepth\dp\@tempboxa \fi
6362                 \unvbox\dfn@boxa\vss}\fi\hss}
6363                 \hskip \DFNcolumnsep
6364                 \hskip \DFNcolumnwidth}}}\fi\fi
6365     \global\dfn@fnht\z@
6366     \ifx\dfn@list\@empty\else
6367         \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6368         \dfn@list \global\advance\dfn@fnht\dfn@dimb
6369         \let\@elt\relax
6370         \ifdim\dfn@dimb>\z@
6371             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
6372             \insert\footins{\floatingpenalty\@MM
6373                 \vbox to\dfn@dimb{}}\fi
6374         \ifdim\dfn@fnht>\@tempdima
6375             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
6376             \global\dfn@fnht\@tempdima
6377             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%

```



```

6378             \xdef\dfn@afteroutput{\insert\footins{
6379                 \floatingpenalty\@MM
6380                 \vbox to\number\@tempdimb sp{}}}%
6381             \global\let\noexpand\dfn@afteroutput\relax}%
6382         \fi\fi
6383     \fi}%
6384     \let\footnoterule\relax \dfn@latex@makecol
6385     \let\footnoterule\dfn@footnoterule}
6386 \def\dfn@LTRmakecol{\ifvoid\footins\else
6387     \dfn@dima\ht\footins
6388     \@tempcnta\z@ \dfn@countins
6389     \@tempdima\z@ \let\@elt\dfn@elt@getht
6390     \dfn@list\@nil
6391     \ifdim\@tempdima=\z@\else
6392     \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6393     \global\setbox\dfn@ins\box\dfn@ins
6394     \@tempswatrue
6395     \ifdfn@trysingle
6396         \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
6397         \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6398         \advance\@tempdima-\skip\footins
6399         \advance\@tempdima-\ht\dfn@boxa
6400         \ifdim\@tempdima<\z@\else \@tempswafalse
6401             \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
6402                 \footnoterule \unvbox\dfn@boxa}\fi\fi
6403     \if@tempswa
6404     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6405     \global\setbox\footins\vbox{\hbox{%
6406         \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
6407             \unvbox\dfn@boxb\vss}\hss}\hskip\DFNcolumnsep
6408         \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
6409             \vbox to\@tempdima{
6410                 \setbox\@tempboxa\vbox{\footnoterule}
6411                 \ifdfn@ruleboth \unvbox\@tempboxa
6412                 \else \@tempdima\ht\@tempboxa
6413                 \advance\@tempdima\dp\@tempboxa
6414                 \vskip\@tempdima
6415                 \prevdepth\dp\@tempboxa \fi
6416                 \unvbox\dfn@boxa\vss}\fi\hss}}}\fi\fi
6417     \global\dfn@fnht\z@
6418     \ifx\dfn@list\@empty\else
6419         \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6420         \dfn@list \global\advance\dfn@fnht\dfn@dimb
6421         \let\@elt\relax
6422         \ifdim\dfn@dimb>\z@
6423             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
6424             \insert\footins{\floatingpenalty\@MM
6425                 \vbox to\dfn@dimb{}}\fi
6426         \ifdim\dfn@fnht>\@tempdima
6427             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht

```



```

6428             \global\dfn@fnht\@tempdima
6429             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
6430             \xdef\dfn@afteroutput{\insert\footins{
6431                 \floatingpenalty\@MM
6432                 \vbox to\number\@tempdimb sp{}}}%
6433             \global\let\noexpand\dfn@afteroutput\relax}%
6434         \fi\fi
6435     \fi}%
6436     \let\footnoterule\relax \dfn@latex@makecol
6437     \let\footnoterule\dfn@footnoterule}
6438 \renewcommand{\dfn@makecol}{\if@RTLmain\dfn@RTLmakecol\else\dfn@LTRmakecol\fi}
6439 \newcommand{\RTLdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@RTLmakecol}}
6440 \newcommand{\LTRdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@LTRmakecol}}
6441 \DFNalwaysdouble

```

7.46 draftwatermark-xetex-bidi.def

```

6442 \ProvidesFile{draftwatermark-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for draftwatermar
6443 \renewcommand\SetWatermarkText[1]{%
6444     \def\scwm@text{\if@RTLmain\beginR\fi#1\if@RTLmain\endR\fi}}

```

7.47 eso-pic-xetex-bidi.def

```

6445 \ProvidesFile{eso-pic-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for eso-pic package for X
6446 \renewcommand\AtPageLowerLeft[1]{\AtPageUpperLeft{%
6447     \put(\LenToUnit{\if@RTLmain\paperwidth\else0pt\fi},\LenToUnit{-\paperheight}){#1}}
6448
6449 \ESO@isMEMOIR{%
6450     \renewcommand\AtTextUpperLeft[1]{%
6451         \begingroup
6452         \ifodd\c@page
6453             \@tempdima=\spinemargin
6454         \else
6455             \@tempdima=\paperwidth
6456             \advance\@tempdima-\textwidth
6457             \advance\@tempdima-\spinemargin
6458         \fi
6459         \@tempdimb=-\uppermargin
6460         \AtPageUpperLeft{%
6461             \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6462             }%
6463         \endgroup
6464     }
6465 }{%
6466     \renewcommand\AtTextUpperLeft[1]{%
6467         \begingroup
6468         \@tempdima=1in\relax
6469         \ifodd\c@page
6470             \advance\@tempdima\oddsidemargin
6471         \else
6472             \advance\@tempdima\evensidemargin

```




```

6473 \fi
6474 \@tempdimb=-1in\relax
6475 \advance\@tempdimb-\topmargin
6476 \advance\@tempdimb-\headheight
6477 \advance\@tempdimb-\headsep
6478 \AtPageUpperLeft{%
6479 \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6480 }%
6481 \endgroup
6482 }
6483 }

```

7.48 empheq-xetex-bidi.def

```

6484 \ProvidesFile{empheq-xetex-bidi.def}[2011/09/07 v0.1 bidi adaptations for empheq package for XeT
6485 \MHInternalSyntaxOn
6486 \def\EQ_tag_plus_endmark:{%
6487 \iftagsleft@
6488 \gdef\maketag@@@##1{%
6489 \hfuzz\displaywidth
6490 \if@RTL\makebox[\widthof{##1}][r]{%
6491 \hbox to \displaywidth{\m@th\normalfont##1\hss
6492 \raisebox{-\dp\EQ_mathdisplay_box
6493 -\depthof{\EQ_outerbox:}}{
6494 {\PotEndMark{\hss}}}}
6495 \else\makebox[\widthof{##1}][l]{%
6496 \hbox to \displaywidth{\m@th\normalfont##1\hss
6497 \raisebox{-\dp\EQ_mathdisplay_box
6498 -\depthof{\EQ_outerbox:}}{
6499 {\PotEndMark{\hss}}}}\fi}%
6500 \else:
6501 \gdef\maketag@@@##1{%
6502 \hbox{\m@th\normalfont##1\llap{\hss\PotEndMark{%
6503 \settoheight{\@tempdima}{\@nameuse{\InTheoType Symbol}}%
6504 \MH_addtolength:dn \@tempdima
6505 {\g_EQ_bottomtag_depth_dim+\mintagvsep}
6506 \setlength{\@tempdimb}
6507 {\g_EQ_bottomrow_depth_dim+\depthof{\EQ_outerbox:}}
6508 +\depthof{\EQ_innerbox:}}}
6509 \if_dim:w \@tempdima>\@tempdimb
6510 \MH_setlength:dn \@tempdima{-\dp\EQ_mathdisplay_box
6511 -\@tempdima+\g_EQ_bottomrow_depth_dim}
6512 \addtolength{\@tempdima}{\depthof{\EQ_innerbox:}}}%
6513 \def\EQ_next:{\raisebox{\@tempdima}}%
6514 \else:
6515 \def\EQ_next:{
6516 \raisebox{-\dp\EQ_mathdisplay_box
6517 -\depthof{\EQ_outerbox:}}}%
6518 \fi:\EQ_next:}}}%
6519 \fi:}

```



```

6520 \def\EQ_post_process:{%
6521   \EQ_initialize:
6522   \EQ_begin_equation:
6523   \MH_if_boolean:nT {outer_mult}{
6524     \setkeys{\MT_options_name}{
6525       firstline-afterskip=0pt,
6526       lastline-preskip=0pt,
6527       multlined-width=0pt,
6528     }
6529     \ifodd \l_EQ_alignmentmode_int
6530       \setkeys{\MT_options_name}{multlined-pos=b}
6531     \else:
6532       \setkeys{\MT_options_name}{multlined-pos=t}
6533     \fi:
6534     \g@addto@macro\EQ_complete_mathdisplay:{
6535       \begin{MTmultlined}\relax}
6536   }
6537   \g@addto@macro\EQ_complete_mathdisplay:\EQ_mathbody:
6538   \MH_if_boolean:nT {outer_mult}{
6539     \g@addto@macro\EQ_complete_mathdisplay:{\end{MTmultlined}}
6540   }
6541   \EQ_end_equation:
6542   \edef\EQ_hyperref_link_fint{\number\Hy@linkcounter}
6543   \savecounters@
6544   \EQ_typeset_tags:
6545   \edef\l_EQ_equation_fint{\number\c@equation}
6546   \restorecounters@
6547   \Hy@linkcounter=\EQ_hyperref_link_fint
6548   \settowidth\l_EQ_totalwidth_dim{%
6549     $\EQ_left_side:\EQ_innerbox:{}\EQ_right_side:$}%
6550   \MH_if_boolean:nTF {outer_mult}
6551     { \def\EQ_next:{_mult} }
6552     { \def\EQ_next:{} }
6553   \@nameuse{EQ_modify_linewidth_
6554     \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
6555   \EQ_typeset_display:
6556   \@nameuse{find_displaywidth_
6557     \romannumeral\l_EQ_equationtype_int\EQ_next: :}
6558   \MH_addtolength:dn
6559   \l_EQ_totalwidth_dim{\l_EQ_displaywidth_dim}
6560   \savebox\EQ_mathdisplay_box[\l_EQ_totalwidth_dim][c]{%
6561     $\EQ_left_side:
6562     \EQ_innerbox:{%
6563       \if_case:w \l_EQ_alignmentmode_int\or:
6564         \makebox[\l_EQ_displaywidth_dim][c]
6565         {\usebox{\EQ_mathdisplay_box}}%
6566       \or:
6567         \makebox[\l_EQ_displaywidth_dim][c]
6568         {\usebox{\EQ_mathdisplay_box}}%
6569       \or:

```



```

6570 \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6571 \if_num:w \l_EQ_equationtype_int=5 \else:
6572 \if_num:w \l_EQ_equationtype_int=6 \else:
6573 \kern-\@mathmargin
6574 \fi:
6575 \fi:
6576 \usebox{\EQ_mathtdisplay_box}}%
6577 \else\makebox[\l_EQ_displaywidth_dim][l]{%
6578 \if_num:w \l_EQ_equationtype_int=5 \else:
6579 \if_num:w \l_EQ_equationtype_int=6 \else:
6580 \kern-\@mathmargin
6581 \fi:
6582 \fi:
6583 \usebox{\EQ_mathtdisplay_box}}\fi%
6584 \or:
6585 \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6586 \if_num:w \l_EQ_equationtype_int=5 \else:
6587 \if_num:w \l_EQ_equationtype_int=6 \else:
6588 \kern-\@mathmargin
6589 \fi:
6590 \fi:
6591 \usebox{\EQ_mathtdisplay_box}}
6592 \else\makebox[\l_EQ_displaywidth_dim][l]{%
6593 \if_num:w \l_EQ_equationtype_int=5 \else:
6594 \if_num:w \l_EQ_equationtype_int=6 \else:
6595 \kern-\@mathmargin
6596 \fi:
6597 \fi:
6598 \usebox{\EQ_mathtdisplay_box}}\fi%
6599 \fi:}%
6600 \EQ_right_side:$}%
6601 \begin{AmSequation*}
6602 \@nameuse{EQ_place_display_
6603 \romannumeral\l_EQ_equationtype_int\EQ_next: :}
6604 \if_dim:w \g_EQ_widesttag_dim>\z@
6605 \MH_set_boolean_T:n {show_manual_tags}
6606 \if_case:w \l_EQ_alignmentmode_int
6607 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#1
6608 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#2
6609 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#3
6610 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#4
6611 \fi:
6612 \fi:
6613 \end{AmSequation*}
6614 \global\c@equation=\l_EQ_equation_fint\relax
6615 }
6616 \AtBeginDocument{%
6617 \@ifpackageloaded{fancybox}{%
6618 \@ifpackageloaded{color}{\definecolor{shadowcolor}{rgb}{0,0,0}}%
6619 {\renewcommand*{\textcolor[2]{\normalcolor{#2}}}%

```



```

6620 \renewcommand*\shadowbox{%
6621   \@ifstar{\MH_set_boolean_T:n {shadowbox_star}
6622     \VerbBox\EQ_shadowbox:n}
6623     {\MH_set_boolean_F:n {shadowbox_star}
6624       \VerbBox\EQ_shadowbox:n}}
6625 \def\EQ_shadowbox:n #1{%
6626   \sbox{z@}{\fbox{#1}}%
6627   \MH_if_boolean:nTF {shadowbox_star}{
6628     \MH_setlength:dn \@tempdima{z@}%
6629   }{
6630     \MH_setlength:dn \@tempdima{\dp z@+\shadowsize}%
6631   }
6632   \raisebox{\@tempdima}{%
6633     \if@RTL\makebox[z@][r]{%
6634       \kern\shadowsize \textcolor{shadowcolor}{%
6635         \rule[-\dp z@-\shadowsize]{\wd z@}{\shadowsize}}%
6636     }%
6637     \else\makebox[z@][l]{%
6638       \kern\shadowsize \textcolor{shadowcolor}{%
6639         \rule[-\dp z@-\shadowsize]{\wd z@}{\shadowsize}}%
6640     }\fi%
6641     \usebox{z@}\textcolor{shadowcolor}{%
6642       \rule[-\dp z@-\shadowsize]{\shadowsize}{\ht z@+\dp z@}}}%
6643   }{}%
6644 }
6645 \MHInternalSyntaxOff

```

7.49 extarticle-xetex-bidi.def

```

6646 \ProvidesFile{extarticle-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for extarticle class]
6647 \renewcommand*\l@section[2]{%
6648   \ifnum \c@tocdepth > \z@
6649     \addpenalty\@secpenalty
6650     \addvspace{1.0em \@plus\p@}%
6651     \setlength\@tempdima{1.5em}%
6652     \begingroup
6653       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6654       \parfillskip -\@pnumwidth
6655       \leavevmode \bfseries
6656       \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
6657       \hskip -\if@RTL\rightskip\else\leftskip\fi
6658       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
6659     \endgroup
6660   \fi}
6661 \renewcommand*\l@part[2]{%
6662   \ifnum \c@tocdepth > -2\relax
6663     \addpenalty\@secpenalty
6664     \addvspace{2.25em \@plus\p@}%
6665     \begingroup
6666     \setlength\@tempdima{3em}%

```



```

6667     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6668     \parfillskip -\@pnumwidth
6669     {\leavevmode
6670     \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
6671     \nobreak
6672   \endgroup
6673 \fi}
6674 \def\@part[#1]#2{%
6675   \ifnum \c@secnumdepth >\m@ne
6676     \refstepcounter{part}%
6677     \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
6678   \else
6679     \addcontentsline{toc}{part}{#1}%
6680   \fi
6681   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6682     \interlinepenalty \@M
6683     \normalfont
6684     \ifnum \c@secnumdepth >\m@ne
6685       \Large\bfseries \partname~\thepart
6686       \par\nobreak
6687     \fi
6688     \huge \bfseries #2%
6689     \markboth{}{}\par}%
6690   \nobreak
6691   \vskip 3ex
6692   \@afterheading}
6693 \def\@spart#1{%
6694   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6695     \interlinepenalty \@M
6696     \normalfont
6697     \huge \bfseries #1\par}%
6698   \nobreak
6699   \vskip 3ex
6700   \@afterheading}
6701 \renewenvironment{thebibliography}[1]
6702   {\section*{\refname
6703     \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}}%
6704     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
6705     \list{\@biblabel{\@arabic\c@enumiv}}%
6706       {\settowidth\labelwidth{\@biblabel{#1}}%
6707         \leftmargin\labelwidth
6708         \advance\leftmargin\labelsep
6709         \@openbib@code
6710         \usecounter{enumiv}%
6711         \let\p@enumiv\@empty
6712         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
6713     \sloppy\clubpenalty4000\widowpenalty4000%
6714     \sfcode`.\@m}
6715   {\def\@noitemerr
6716     {\@latex@warning{Empty `thebibliography' environment}}%

```



```

6717         \endlist}
6718 \renewcommand\left@footnoterule{%
6719     \kern-3\p@
6720     \hrule\@width.4\columnwidth
6721     \kern2.6\p@}
6722 \renewcommand\right@footnoterule{%
6723     \hbox to \columnwidth
6724     {\beginR \vbox{%
6725         \kern-3\p@
6726         \hrule\@width.4\columnwidth
6727         \kern2.6\p@}\hfil\endR}}
6728     \if@titlepage
6729     \renewcommand\maketitle{\begin{titlepage}%
6730     \let\footnotesize\small
6731     \let\right@footnoterule\relax
6732     \let\left@footnoterule\relax
6733     \let\textwidth\footnoterule\relax
6734     \let \footnote \thanks
6735     \null\vfil
6736     \vskip 60\p@
6737     \begin{center}%
6738         {\LARGE \@title \par}%
6739         \vskip 3em%
6740         {\large
6741             \lineskip .75em%
6742             \begin{tabular}[t]{c}%
6743                 \@author
6744             \end{tabular}\par}%
6745             \vskip 1.5em%
6746             {\large \@date \par}%           % Set date in \large size.
6747     \end{center}\par
6748     \@thanks
6749     \vfil\null
6750     \end{titlepage}%
6751     \setcounter{footnote}{0}%
6752     \global\let\thanks\relax
6753     \global\let\maketitle\relax
6754     \global\let\@thanks\@empty
6755     \global\let\@author\@empty
6756     \global\let\@date\@empty
6757     \global\let\@title\@empty
6758     \global\let\title\relax
6759     \global\let\author\relax
6760     \global\let\date\relax
6761     \global\let\and\relax
6762 }
6763 \else
6764 \renewcommand\maketitle{\par
6765     \begingroup
6766     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%

```



```

6767 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6768 \long\def\@makefntext##1{\parindent 1em\noindent
6769 \hb@xt@1.8em{%
6770 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6771 \if@twocolumn
6772 \ifnum \col@number=\@ne
6773 \@maketitle
6774 \else
6775 \twocolumn[\@maketitle]%
6776 \fi
6777 \else
6778 \newpage
6779 \global\@topnum\z@ % Prevents figures from going at top of page.
6780 \@maketitle
6781 \fi
6782 \thispagestyle{plain}\@thanks
6783 \endgroup
6784 \setcounter{footnote}{0}%
6785 \global\let\thanks\relax
6786 \global\let\maketitle\relax
6787 \global\let\@maketitle\relax
6788 \global\let\@thanks\@empty
6789 \global\let\@author\@empty
6790 \global\let\@date\@empty
6791 \global\let\@title\@empty
6792 \global\let\title\relax
6793 \global\let\author\relax
6794 \global\let\date\relax
6795 \global\let\and\relax
6796 }
6797 \def\@maketitle{%
6798 \newpage
6799 \null
6800 \vskip 2em%
6801 \begin{center}%
6802 \let \footnote \thanks
6803 {\LARGE \@title \par}%
6804 \vskip 1.5em%
6805 {\large
6806 \lineskip .5em%
6807 \begin{tabular}[t]{c}%
6808 \@author
6809 \end{tabular}\par}%
6810 \vskip 1em%
6811 {\large \@date}%
6812 \end{center}%
6813 \par
6814 \vskip 1.5em}
6815 \fi
6816 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@section}

```



```

6817 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
6818 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
6819 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}%%

```

7.50 extbook-xetex-bidi.def

```

6820 \ProvidesFile{extbook-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for extbook class for XeT
6821 \if@titlepage
6822 \renewcommand\maketitle{\begin{titlepage}%
6823 \let\footnotesize\small
6824 \let\right@footnoterule\relax
6825 \let\left@footnoterule\relax
6826 \let\textwidth\footnoterule\relax
6827 \let \footnote \thanks
6828 \let \LTRfootnote \LTRthanks
6829 \let \RTLfootnote \RTLthanks
6830 \null\vfil
6831 \vskip 60\p@
6832 \begin{center}%
6833 {\LARGE \@title \par}%
6834 \vskip 3em%
6835 {\large
6836 \lineskip .75em%
6837 \begin{tabular}[t]{c}%
6838 \@author
6839 \end{tabular}\par}%
6840 \vskip 1.5em%
6841 {\large \@date \par}% % Set date in \large size.
6842 \end{center}\par
6843 \@thanks
6844 \vfil\null
6845 \end{titlepage}%
6846 \setcounter{footnote}{0}%
6847 \global\let\thanks\relax
6848 \global\let\LTRthanks\relax
6849 \global\let\RTLthanks\relax
6850 \global\let\maketitle\relax
6851 \global\let\@thanks\@empty
6852 \global\let\@author\@empty
6853 \global\let\@date\@empty
6854 \global\let\@title\@empty
6855 \global\let\title\relax
6856 \global\let\author\relax
6857 \global\let\date\relax
6858 \global\let\and\relax
6859 }
6860 \else
6861 \renewcommand\maketitle{\par
6862 \begingroup
6863 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%

```




```

6864 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6865 \long\def\@makefntext##1{\parindent 1em\noindent
6866 \hb@xt@1.8em{%
6867 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6868 \if@twocolumn
6869 \ifnum \col@number=\@ne
6870 \maketitle
6871 \else
6872 \twocolumn[\maketitle]%
6873 \fi
6874 \else
6875 \newpage
6876 \global\@topnum\z@ % Prevents figures from going at top of page.
6877 \maketitle
6878 \fi
6879 \thispagestyle{plain}\@thanks
6880 \endgroup
6881 \setcounter{footnote}{0}%
6882 \global\let\thanks\relax
6883 \global\let\LTRthanks\relax
6884 \global\let\RTLthanks\relax
6885 \global\let\maketitle\relax
6886 \global\let\@maketitle\relax
6887 \global\let\@thanks\@empty
6888 \global\let\@author\@empty
6889 \global\let\@date\@empty
6890 \global\let\@title\@empty
6891 \global\let\title\relax
6892 \global\let\author\relax
6893 \global\let\date\relax
6894 \global\let\and\relax
6895 }
6896 \def\@maketitle{%
6897 \newpage
6898 \null
6899 \vskip 2em%
6900 \begin{center}%
6901 \let \footnote \thanks
6902 \let \LTRfootnote \LTRthanks
6903 \let \RTLfootnote \RTLthanks
6904 {\LARGE \@title \par}%
6905 \vskip 1.5em%
6906 {\large
6907 \lineskip .5em%
6908 \begin{tabular}[t]{c}%
6909 \@author
6910 \end{tabular}\par}%
6911 \vskip 1em%
6912 {\large \@date}%
6913 \end{center}%

```



```

6914 \par
6915 \vskip 1.5em}
6916 \fi
6917 \renewcommand*{\l@part[2]{%
6918 \ifnum \c@tocdepth >-2\relax
6919 \addpenalty{-\@highpenalty}%
6920 \addvspace{2.25em \@plus\p@}%
6921 \begingroup
6922 \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \pnumwidth
6923 \parfillskip -\pnumwidth
6924 {\leavevmode
6925 \large \bfseries #1\hfil \hb@xt@\pnumwidth{\hss #2}}\par
6926 \nobreak
6927 \global\@nobreaktrue
6928 \everypar{\global\@nobreakfalse\everypar{}}%
6929 \endgroup
6930 \fi}
6931 \renewcommand\theequation
6932 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
6933 \renewcommand \thefigure
6934 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
6935 \renewcommand \thetable
6936 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
6937 \renewcommand \thechapter {\@arabic\c@chapter}
6938 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
6939 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
6940 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
6941 \renewcommand \theparagraph {\thesubsubsection \@SepMark\@arabic\c@paragraph}
6942 \renewcommand \thesubparagraph {\theparagraph \@SepMark\@arabic\c@subparagraph}
6943 \def\@makechapterhead#1{%
6944 \vspace*{50\p@}%
6945 {\parindent \z@ \ifRTL\raggedleft\else\raggedright\fi \normalfont
6946 \ifnum \c@secnumdepth >\m@ne
6947 \if@mainmatter
6948 \huge\bfseries \@chapapp\space \thechapter
6949 \par\nobreak
6950 \vskip 20\p@
6951 \fi
6952 \fi
6953 \interlinepenalty\@M
6954 \Huge \bfseries #1\par\nobreak
6955 \vskip 40\p@
6956 }}
6957
6958 \def\@makeschapterhead#1{%
6959 \vspace*{50\p@}%
6960 {\parindent \z@ \ifRTL\raggedleft\else\raggedright\fi
6961 \normalfont
6962 \interlinepenalty\@M
6963 \Huge \bfseries #1\par\nobreak

```



```

6964     \vskip 40\p@
6965   }}
6966 \renewcommand\backmatter{%
6967   \if@openright
6968     \cleardoublepage
6969   \else
6970     \clearpage
6971   \fi
6972   \@mainmatterfalse}
6973 \renewenvironment{thebibliography}[1]
6974   {\chapter*{\bibname
6975     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
6976   \ifRTL\if@LTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
6977     \list{\@biblabel{\@arabic\c@enumiv}}%
6978       {\settowidth\labelwidth{\@biblabel{#1}}%
6979       \leftmargin\labelwidth
6980       \advance\leftmargin\labelsep
6981       \@openbib@code
6982       \usecounter{enumiv}%
6983       \let\p@enumiv\@empty
6984       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
6985   \sloppy
6986   \clubpenalty4000
6987   \@clubpenalty \clubpenalty
6988   \widowpenalty4000%
6989   \sfcode`..\@m}
6990   {\def\@noitemerr
6991     {\@latex@warning{Empty `thebibliography' environment}}}%
6992   \endlist}

```

7.51 extletter-xetex-bidi.def

```

6993 \ProvidesFile{extletter-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extletter class for
6994 \renewcommand*\opening[1]{\ifx\@empty\fromaddress
6995   \thispagestyle{firstpage}%
6996   {\ifRTL\raggedright\else\raggedleft\fi\@date\par}%
6997 \else % home address
6998   \thispagestyle{empty}%
6999   {\ifRTL\raggedright\begin{tabular}{r@{}}\else\raggedleft\begin{tabular}{l@{}}\fi\ignorespaces
7000     \fromaddress \*[2\parskip]%
7001     \@date \end{tabular}\par}%
7002   \fi
7003   \vspace{2\parskip}%
7004   {\ifRTL\raggedleft\else\raggedright\fi \toname \\\ toaddress \par}%
7005   \vspace{2\parskip}%
7006   #1\par\nobreak}
7007 \renewcommand{\closing}[1]{\par\nobreak\vspace{\parskip}%
7008   \stopbreaks
7009   \noindent
7010   \ifx\@empty\fromaddress\else

```



```

7011 \hspace*{\longindentation}\fi
7012 \parbox{\indentedwidth}{\if@RTL\raggedleft\else\raggedright\fi
7013 \ignorespaces #1\}[6\medskipamount]%
7014 \ifx\@empty\fromsig
7015 \fromname
7016 \else \fromsig \fi\strut}%
7017 \par}
7018 \renewcommand\left@footnoterule{%
7019 \kern-\p@
7020 \hrule \@width .4\columnwidth
7021 \kern .6\p@}
7022 \renewcommand\right@footnoterule{%
7023 \hbox to \columnwidth
7024 {\beginR \vbox{%
7025 \kern-\p@
7026 \hrule \@width .4\columnwidth
7027 \kern .6\p@}\hfil\endR}}

```

7.52 extrafootnotefeatures-xetex-bidi.def

```

7028 \ProvidesFile{extrafootnotefeatures-xetex-bidi.def}[2012/12/12 v0.4 bidi extra footnote features]
7029 \let\autofootnoterule\relax
7030 \let\rightfootnoterule\relax
7031 \let\leftfootnoterule\relax
7032 \let\textwidthfootnoterule\relax
7033 \let\LRfootnoterule\relax
7034 \def\footnoterule{\kern-3\p@
7035 \hrule \@width \columnwidth \kern 2.6\p@}
7036 \bidi@ensure@newcommand{\setRTLparagraphfootnotes}{\@parafootRTLtrue}
7037 \bidi@ensure@newcommand{\setLTRparagraphfootnotes}{\@parafootRTLfalse}
7038 \renewcommand{\@footnotetext}[1]{%
7039 \insert\footins{%
7040 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7041 \def\baselinestretch{\m@m@footnote@spacing}%
7042 \reset@font
7043 \foottextfont
7044 \@preamfntext
7045 \hsize\columnwidth
7046 \protected@edef\@currentlabel{%
7047 \csname p@footnote\endcsname\@thefnmark}%
7048 \color@begingroup
7049 \@makefntext{%
7050 \rule{\z@}{\footnotesep}\ignorespaces{\foottextfont #1}%
7051 \@finalstrut\strutbox}%
7052 \color@endgroup}%
7053 \m@m@mmf@prepare}
7054 \renewcommand{\@RTLfootnotetext}[1]{%
7055 \insert\footins{%
7056 \@RTLtrue%
7057 \def\baselinestretch{\m@m@footnote@spacing}%

```



```

7058 \reset@font
7059 \RTLfoottextfont
7060 \@preamfntext
7061 \hsize\columnwidth
7062 \protected@edef\@currentlabel{%
7063     \csname p@footnote\endcsname\@thefnmark}%
7064 \color@begingroup
7065     \@makefntext{%
7066         \rule\z@\footnotesep\ignorespaces{\RTLfoottextfont #1}%
7067         \@finalstrut\strutbox}%
7068 \color@endgroup}%
7069 \m@mmf@prepare}
7070 \renewcommand{\@LTRfootnotetext}[1]{%
7071     \insert\footins{%
7072         \RTLfalse%
7073         \def\baselinestretch{\m@m@footnote@spacing}%
7074         \reset@font
7075         \LTRfoottextfont
7076         \@preamfntext
7077         \hsize\columnwidth
7078         \protected@edef\@currentlabel{%
7079             \csname p@footnote\endcsname\@thefnmark}%
7080         \color@begingroup
7081             \@makefntext{%
7082                 \rule\z@\footnotesep\ignorespaces{\LTRfoottextfont #1}%
7083                 \@finalstrut\strutbox}%
7084         \color@endgroup}%
7085     \m@mmf@prepare}
7086 \renewcommand{\@mpfootnotetext}[1]{%
7087     \global\setbox\@mpfootins\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7088         \unvbox\@mpfootins
7089         \def\baselinestretch{\m@m@footnote@spacing}%
7090         \foottextfont \hsize\columnwidth \@parboxrestore
7091         \protected@edef\@currentlabel{%
7092             \csname p@mpfootnote\endcsname\@thefnmark}%
7093         \color@begingroup
7094         \reset@font%
7095             \@makefntext{%
7096                 \rule\z@\footnotesep\ignorespaces{\foottextfont #1}%
7097                 \@finalstrut\strutbox}%
7098         \color@endgroup}}
7099 \renewcommand{\@mpLTRfootnotetext}[1]{%
7100     \global\setbox\@mpfootins\vbox{\@RTLfalse%
7101         \unvbox\@mpfootins
7102         \def\baselinestretch{\m@m@footnote@spacing}%
7103         \LTRfoottextfont \hsize\columnwidth \@parboxrestore
7104         \protected@edef\@currentlabel{%
7105             \csname p@mpfootnote\endcsname\@thefnmark}%
7106         \color@begingroup
7107         \reset@font%

```



```

7108 \makefnintext{%
7109 \rule{z@footnotesep}{\ignorespaces{\LTRfoottextfont #1}%
7110 \@finalstrut\strutbox}%
7111 \color@endgroup}}
7112 \renewcommand{\@mpRTLfootnotetext}[1]{%
7113 \global\setbox\@mpfootins\vbox{\@RTLtrue%
7114 \unvbox\@mpfootins
7115 \def\baselinestretch{\m@m@footnote@spacing}%
7116 \LTRfoottextfont \hsize\columnwidth \@parboxrestore
7117 \protected@edef\@currentlabel{%
7118 \csname p@mpfootnote\endcsname\@thefnmark}%
7119 \color@begingroup
7120 \reset@font%
7121 \makefnintext{%
7122 \rule{z@footnotesep}{\ignorespaces{\RTLfoottextfont #1}%
7123 \@finalstrut\strutbox}%
7124 \color@endgroup}}
7125 \let\m@mold@footnotetext\@footnotetext
7126 \let\m@mold@LTRfootnotetext\@LTRfootnotetext
7127 \let\m@mold@RTLfootnotetext\@RTLfootnotetext
7128 \let\m@mold@mpfootnotetext\@mpfootnotetext
7129 \let\m@mold@mpLTRfootnotetext\@mpLTRfootnotetext
7130 \let\m@mold@mpRTLfootnotetext\@mpRTLfootnotetext
7131 \bidi@ensure@newcommand{\normalfootnotes}{%
7132 \let\@footnotetext\m@mold@footnotetext
7133 \let\@LTRfootnotetext\m@mold@LTRfootnotetext
7134 \let\@RTLfootnotetext\m@mold@RTLfootnotetext
7135 \let\@mpfootnotetext\m@mold@mpfootnotetext
7136 \let\@mpLTRfootnotetext\m@mold@mpLTRfootnotetext
7137 \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext}
7138 \ifclassloaded{memoir}{\let\plainfootnotes\normalfootnotes}{%
7139 \bidi@ensure@newcommand*\@RTLcolumnfootnotes{\@RTLcolumnfootnotestrue}
7140 \bidi@ensure@newcommand*\@LTRcolumnfootnotes{\@RTLcolumnfootnotestrue}
7141 \bidi@ensure@newcommand*\@setSingleSpace}[1]{%
7142 \def\m@m@singleSpace{#1}%
7143 \def\m@m@footnote@spacing{#1}%
7144 \def\m@m@float@spacing{#1} %
7145 }
7146 \setSingleSpace{1}
7147 \newinsert\sideins
7148 \bidi@ensure@newcommand*\@multiplefootnotemarker}{3sp}
7149 \bidi@ensure@newcommand*\@mmf@prepare}{%
7150 \kern-\multiplefootnotemarker
7151 \kern\multiplefootnotemarker\relax}
7152 \bidi@ensure@newlength{\footmarkwidth}
7153 \bidi@ensure@newlength{\footmarksep}
7154 \bidi@ensure@newlength{\footparindent}
7155 \bidi@ensure@newcommand*\@footmarkstyle}[1]{\def\footscript##1{#1}}
7156 \bidi@ensure@newcommand{\footfootmark}{%
7157 \ifdim\footmarkwidth < \z@

```



```

7158 \llap{\hb@xt@ -\footmarkwidth{%
7159 \hss\normalfont\footscript{\@thefnmark}}}%
7160 \hspace*{-\footmarkwidth}}}%
7161 \else
7162 \ifdim\footmarkwidth = \z@
7163 {\normalfont\footscript{\@thefnmark}}}%
7164 \else
7165 \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\@thefnmark}}}%
7166 \fi
7167 \fi}
7168 \footmarkstyle{\textsuperscript{#1}}
7169 \setlength{\footmarkwidth}{1.8em}
7170 \setlength{\footparindent}{1em}
7171 \bidi@ensure@newcommand{\m@mdoextrafeet}{\extrafeetins}
7172 \bidi@ensure@newcommand*{\extrafeetins}{%
7173 \setbox\@outputbox \vbox{%
7174 \boxmaxdepth \@maxdepth
7175 \unvbox\@outputbox
7176 \ifvoid\footinsv@r\else\@footstartv@r\@footgroupv@r\fi
7177 \extrafeetinshook}}
7178 \bidi@ensure@newcommand{\extrafeetinshook}{}
7179 \bidi@ensure@newcommand{\foottextfont}{\footnotesize}
7180 \bidi@ensure@newcommand{\LTRfoottextfont}{\footnotesize}
7181 \bidi@ensure@newcommand{\RTLfoottextfont}{\footnotesize}
7182 \bidi@ensure@newlength{\footinsdim}
7183 \setlength{\footinsdim}{8in} % standard for \dimen\footins
7184 \bidi@ensure@newcommand{\@preamfntext}{%
7185 \interlinepenalty\interfootnotelinepenalty
7186 \floatingpenalty \@MM
7187 \splittopskip=\footnotesep
7188 \splitmaxdepth=\dp\strutbox
7189 \@parboxrestore}
7190 \bidi@ensure@newcommand{\m@mdoextrafeetmini}{%
7191 \extrafeetminihook}
7192 \bidi@ensure@newcommand{\extrafeetendmini}{%
7193 \ifvoid\@mpfootinsv@r\else
7194 \vskip\skip\@mpfootins
7195 \normalcolor\footnoterule\mp@footgroupv@r
7196 \fi
7197 \extrafeetendminihook}
7198 \bidi@ensure@newcommand{\extrafeetendminihook}{}
7199 \bidi@ensure@newcommand{\m@mdoextrafeetendmini}{\extrafeetendmini}
7200 \def\endminipage{%
7201 \par
7202 \unskip
7203 \ifvoid\@mpfootins\else
7204 \vskip\skip\@mpfootins
7205 \normalcolor
7206 \footnoterule
7207 \unvbox\@mpfootins

```



```

7208 \fi
7209 \m@doextrafeetendmini
7210 \@minipagefalse
7211 \color@endgroup
7212 \egroup
7213 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
7214 \bidi@ensure@newcommand{\m@make@footstart}[1]{%
7215 \@namedef{@footstart#1}{%
7216 \vskip\bigskipamount
7217 \leftskip=\z@
7218 \rightskip=\z@
7219 \footnoterule}}
7220 \newinsert\footinsv@r
7221 \skip\footinsv@r\bigskipamount
7222 \count\footinsv@r=1000 % no magnification
7223 \dimen\footinsv@r=\footinsdim
7224 \m@make@footstart{v@r}
7225 \bidi@ensure@newcommand{\@footgroupv@r}{%
7226 \newinsert\@mpfootinsv@r
7227 \bidi@ensure@newcommand{\mp@footgroupv@r}{%
7228 \newcount\m@m@k \newdimen\m@m@h
7229 \@ifpackageloaded{multicol}{%
7230 \bidi@ensure@newcommand*{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7231 \hsize\textwidth
7232 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7233 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7234 }{%
7235 \bidi@ensure@newcommand*{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7236 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7237 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7238 \bidi@ensure@newcommand*{\m@mdosplits}{\ifnum\m@m@k>0 \noalign{\hfil}\m@msplitoff
7239 \global\advance\m@m@k-1\cr\m@mdosplits\fi}
7240 \bidi@ensure@newcommand*{\m@msplitoff}{\dimen0=\ht0
7241 \divide\dimen0 by\m@m@k \advance\dimen0 by\m@m@h
7242 \setbox2 \vsplit0 to \dimen0
7243 \unvbox2 }
7244 \bidi@ensure@newcommand{\twocolumnfootnotes}{%
7245 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7246 \let\@footnotetext\@twocolfootnotetext
7247 \let\@LTRfootnotetext\@twocolLTRfootnotetext
7248 \let\@RTLfootnotetext\@twocolRTLfootnotetext
7249 \dimen\footinsv@r=2\footinsdim
7250 \count\footinsv@r=500\relax
7251 \m@make@twocol@footgroup{v@r}%
7252 \let\@footgroupv@r\@twocol@footgroupv@r
7253 \let\@mpfootnotetext\@mptwocolfootnotetext
7254 \let\@mpLTRfootnotetext\@mptwocolLTRfootnotetext
7255 \let\@mpRTLfootnotetext\@mptwocolRTLfootnotetext
7256 \m@make@mptwocol@footgroup{v@r}%
7257 \let\mp@footgroupv@r\@mptwocol@footgroupv@r}

```




```

7258 \bidi@ensure@newcommand{\@twocolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
7259 \def\baselinestretch{\m@m@footnote@spacing}%
7260 \reset@font\foottextfont
7261 \@preamfntext
7262 \protected@edef\@currentlabel{%
7263 \csname p@footnote\endcsname\@thefnmark}%
7264 \color@begingroup
7265 \@twocolfootfmt{#1}%
7266 \color@endgroup}%
7267 \m@mmf@prepare}
7268 \bidi@ensure@newcommand{\@twocolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes%
7269 \def\baselinestretch{\m@m@footnote@spacing}%
7270 \reset@font\LTRfoottextfont
7271 \@preamfntext
7272 \protected@edef\@currentlabel{%
7273 \csname p@footnote\endcsname\@thefnmark}%
7274 \color@begingroup
7275 \@twocolLTRfootfmt{#1}%
7276 \color@endgroup}%
7277 \m@mmf@prepare}
7278 \bidi@ensure@newcommand{\@twocolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7279 \def\baselinestretch{\m@m@footnote@spacing}%
7280 \reset@font\RTLfoottextfont
7281 \@preamfntext
7282 \protected@edef\@currentlabel{%
7283 \csname p@footnote\endcsname\@thefnmark}%
7284 \color@begingroup
7285 \@twocolRTLfootfmt{#1}%
7286 \color@endgroup}%
7287 \m@mmf@prepare}
7288 \bidi@ensure@newcommand{\@preamtwofmt}{%
7289 \hsize .45\hsize
7290 \parindent=\z@
7291 \tolerance=5000\relax
7292 \leavevmode}
7293 \bidi@ensure@newcommand{\@twocolfootfmt}[1]{%
7294 \@preamtwofmt
7295 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7296 \bidi@ensure@newcommand{\@twocolLTRfootfmt}[1]{%
7297 \@preamtwofmt
7298 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7299 \bidi@ensure@newcommand{\@twocolRTLfootfmt}[1]{%
7300 \@preamtwofmt
7301 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7302 \bidi@ensure@newcommand{\@emptwocolfootnotetext}[1]{%
7303 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7304 \unvbox\@mpfootinsv@r
7305 \def\baselinestretch{\m@m@footnote@spacing}%
7306 \reset@font\foottextfont
7307 \hsize\columnwidth \@parboxrestore

```



```

7308 \protected@edef\@currentlabel{%
7309 \csname p@mpfootnote\endcsname\@thefnmark}%
7310 \color@begingroup
7311 \@twocolfootfmt{#1}%
7312 \color@endgroup}%
7313 \m@mmf@prepare}
7314 \bidi@ensure@newcommand{\@mptwocolLTRfootnotetext}[1]{%
7315 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7316 \unvbox\@mpfootinsv@r
7317 \def\baselinestretch{\m@m@footnote@spacing}%
7318 \reset@font\LTRfoottextfont
7319 \hsize\columnwidth \@parboxrestore
7320 \if@RTLcolumnfootnotes\beginL\fi
7321 \protected@edef\@currentlabel{%
7322 \csname p@mpfootnote\endcsname\@thefnmark}%
7323 \color@begingroup
7324 \@twocolLTRfootfmt{#1}%
7325 \color@endgroup}%
7326 \m@mmf@prepare}
7327 \bidi@ensure@newcommand{\@mptwocolRTLfootnotetext}[1]{%
7328 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
7329 \unvbox\@mpfootinsv@r
7330 \def\baselinestretch{\m@m@footnote@spacing}%
7331 \reset@font\RTLfoottextfont
7332 \hsize\columnwidth \@parboxrestore
7333 \protected@edef\@currentlabel{%
7334 \csname p@mpfootnote\endcsname\@thefnmark}%
7335 \color@begingroup
7336 \@twocolRTLfootfmt{#1}%
7337 \color@endgroup}%
7338 \m@mmf@prepare}
7339 \bidi@ensure@newcommand{\twocolumnfootstyle}[1]{%
7340 \m@make@twocolfootnotetext{#1}%
7341 \m@make@mptwocolfootnotetext{#1}%
7342 \m@make@twocolfootfmt{#1}%
7343 \m@make@twocol@footgroup{#1}%
7344 \m@make@mptwocol@footgroup{#1}%
7345 \m@make@footstart{#1}%
7346 \bidi@namelongdef{\footnotetext#1}##1{%
7347 \@nameuse{\twocolfootnotetext#1}{##1}}%
7348 \bidi@namelongdef{\mpfootnotetext#1}##1{%
7349 \@nameuse{\mptwocolfootnotetext#1}{##1}}%
7350 \@namedef{\footgroup#1}{\@nameuse{\twocol@footgroup#1}}%
7351 \@namedef{\mp@footgroup#1}{\@nameuse{\mptwocol@footgroup#1}}%
7352 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7353 \expandafter\count\csname footins#1\endcsname=500\relax}
7354 \bidi@ensure@newcommand{\m@make@twocolfootnotetext}[1]{%
7355 \bidi@namelongdef{\twocolfootnotetext#1}##1{%
7356 \insert\@nameuse{footins#1}%
7357 \def\baselinestretch{\m@m@footnote@spacing}%

```



```

7358 \reset@font\@nameuse{foottextfont#1}%
7359 \@preamfntext
7360 \protected@edef\@currentlabel{%
7361 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7362 \color@begingroup
7363 \@nameuse{@twocolfootfmt#1}{##1}%
7364 \color@endgroup}%
7365 \m@mfmf@prepare}}
7366 \bidi@ensure@newcommand{\m@make@mptwocolfootnotetext}[1]{%
7367 \bidi@namelongdef{\mptwocolfootnotetext#1}{##1}%
7368 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7369 \unvbox\@nameuse{@mpfootins#1}
7370 \def\baselinestretch{\m@m@footnote@spacing}%
7371 \reset@font\@nameuse{foottextfont#1}%
7372 \hsize\columnwidth \@parboxrestore
7373 \protected@edef\@currentlabel{%
7374 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7375 \color@begingroup
7376 \@nameuse{@twocolfootfmt#1}{##1}%
7377 \color@endgroup}\m@mfmf@prepare}}
7378 \bidi@ensure@newcommand{\m@make@twocolfootfmt}[1]{%
7379 \@namedef{@twocolfootfmt#1}{##1}%
7380 \@preamtwofmt
7381 {\@nameuse{footfootmark#1}\strut
7382 {\@nameuse{foottextfont#1}{##1}\strut\par}\allowbreak}}
7383 \bidi@ensure@newcommand{\m@make@twocol@footgroup}[1]{%
7384 \@namedef{@twocol@footgroup#1}{%
7385 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7386 \m@mrigidbalance{\@nameuse{footins#1}}{\tw@}{\splittopskip}}}%
7387 \bidi@ensure@newcommand{\m@make@mptwocol@footgroup}[1]{%
7388 \@namedef{@mptwocol@footgroup#1}{%
7389 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7390 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{\tw@}{\splittopskip}}}%
7391 \bidi@ensure@newcommand{\threecolumnfootnotes}{%
7392 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7393 \let\@footnotetext\@threecolfootnotetext
7394 \let\@LTRfootnotetext\@threecolLTRfootnotetext
7395 \let\@RTLfootnotetext\@threecolRTLfootnotetext
7396 \dimen\footinsv@r=3\footinsdim
7397 \count\footinsv@r=333\relax
7398 \m@make@threecol@footgroup{v@r}%
7399 \let\@footgroupv@r\@threecol@footgroupv@r
7400 \let\@mpfootnotetext\@mpthreecolfootnotetext
7401 \let\@mpLTRfootnotetext\@mpthreecolLTRfootnotetext
7402 \let\@mpRTLfootnotetext\@mpthreecolRTLfootnotetext
7403 \m@make@mpthreecol@footgroup{v@r}%
7404 \let\mp@footgroupv@r\@mpthreecol@footgroupv@r}
7405 \bidi@ensure@newcommand{\@threecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
7406 \def\baselinestretch{\m@m@footnote@spacing}%
7407 \reset@font\foottextfont

```



```

7408 \@preamfntext
7409 \protected@edef\@currentlabel{%
7410     \csname p@footnote\endcsname\@thefnmark}%
7411 \color@begingroup
7412     \@threecolfootfmt{#1}%
7413 \color@endgroup}\m@mmf@prepare}
7414 \bidi@ensure@newcommand{\@threecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
7415 \def\baselinestretch{\m@m@footnote@spacing}%
7416 \reset@font\LTRfoottextfont
7417 \@preamfntext
7418 \protected@edef\@currentlabel{%
7419     \csname p@footnote\endcsname\@thefnmark}%
7420 \color@begingroup
7421     \@threecolLTRfootfmt{#1}%
7422 \color@endgroup}\m@mmf@prepare}
7423 \bidi@ensure@newcommand{\@threecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7424 \def\baselinestretch{\m@m@footnote@spacing}%
7425 \reset@font\RTLfoottextfont
7426 \@preamfntext
7427 \protected@edef\@currentlabel{%
7428     \csname p@footnote\endcsname\@thefnmark}%
7429 \color@begingroup
7430     \@threecolRTLfootfmt{#1}%
7431 \color@endgroup}\m@mmf@prepare}
7432 \bidi@ensure@newcommand{\@preamthreefmt}{%
7433 \hspace{.3\hspace}
7434 \parindent=\z@
7435 \tolerance=5000\relax
7436 \leavevmode}
7437 \bidi@ensure@newcommand{\@threecolfootfmt}[1]{%
7438 \@preamthreefmt
7439 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7440 \bidi@ensure@newcommand{\@threecolLTRfootfmt}[1]{%
7441 \@preamthreefmt
7442 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7443 \bidi@ensure@newcommand{\@threecolRTLfootfmt}[1]{%
7444 \@preamthreefmt
7445 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7446 \bidi@ensure@newcommand{\@mpthreecolfootnotetext}[1]{%
7447 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7448 \unvbox\@mpfootinsv@r
7449 \def\baselinestretch{\m@m@footnote@spacing}%
7450 \reset@font\foottextfont
7451 \hspace\columnwidth \@parboxrestore
7452 \protected@edef\@currentlabel{%
7453     \csname p@mpfootnote\endcsname\@thefnmark}%
7454 \color@begingroup
7455     \@threecolfootfmt{#1}%
7456 \color@endgroup}\m@mmf@prepare}
7457 \bidi@ensure@newcommand{\@mpthreecolLTRfootnotetext}[1]{%

```



```

7458 \global\setbox\@mpfootinsv\@vbox{\@RTLfalse%
7459 \unvbox\@mpfootinsv
7460 \def\baselinestretch{\m@m@footnote@spacing}%
7461 \reset@font\LTRfoottextfont
7462 \hsize\columnwidth \@parboxrestore
7463 \if@RTLcolumnfootnotes\beginL\fi
7464 \protected@edef\@currentlabel{%
7465 \csname p@mpfootnote\endcsname\@thefnmark}%
7466 \color@begingroup
7467 \@threecolLTRfootfmt{#1}%
7468 \color@endgroup}\m@mmf@prepare}
7469 \bidi@ensure@newcommand{\@mpthreecolRTLfootnotetext}[1]{%
7470 \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
7471 \unvbox\@mpfootinsv
7472 \def\baselinestretch{\m@m@footnote@spacing}%
7473 \reset@font\RTLfoottextfont
7474 \hsize\columnwidth \@parboxrestore
7475 \protected@edef\@currentlabel{%
7476 \csname p@mpfootnote\endcsname\@thefnmark}%
7477 \color@begingroup
7478 \@threecolRTLfootfmt{#1}%
7479 \color@endgroup}\m@mmf@prepare}
7480 \bidi@ensure@newcommand{\threecolumnfootstyle}[1]{%
7481 \m@make@threecolfootnotetext{#1}%
7482 \m@make@mpthreecolfootnotetext{#1}%
7483 \m@make@threecolfootfmt{#1}%
7484 \m@make@threecol@footgroup{#1}%
7485 \m@make@mpthreecol@footgroup{#1}%
7486 \m@make@footstart{#1}%
7487 \bidi@namelongdef{\@footnotetext#1}##1{%
7488 \@nameuse{\@threecolfootnotetext#1}{##1}}%
7489 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7490 \@nameuse{\@mpthreecolfootnotetext#1}{##1}}%
7491 \@namedef{\@footgroup#1}{\@nameuse{\@threecol@footgroup#1}}%
7492 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpthreecol@footgroup#1}}%
7493 \expandafter\dimen\csname footins#1\endcsname=3\footinsdim
7494 \expandafter\count\csname footins#1\endcsname=333\relax}
7495 \bidi@ensure@newcommand{\m@make@threecolfootnotetext}[1]{%
7496 \bidi@namelongdef{\@threecolfootnotetext#1}##1{%
7497 \insert\@nameuse{\footins#1}{%
7498 \def\baselinestretch{\m@m@footnote@spacing}%
7499 \reset@font\@nameuse{\foottextfont#1}%
7500 \@preamfntext
7501 \protected@edef\@currentlabel{%
7502 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7503 \color@begingroup
7504 \@nameuse{\@threecolfootfmt#1}{##1}%
7505 \color@endgroup}\m@mmf@prepare}}
7506 \bidi@ensure@newcommand{\m@make@mpthreecolfootnotetext}[1]{%
7507 \bidi@namelongdef{\@mpthreecolfootnotetext#1}##1{%

```



```

7508 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7509   \unvbox\@nameuse{@mpfootins#1}
7510   \def\baselinestretch{\m@m@footnote@spacing}%
7511   \reset@font\@nameuse{foottextfont#1}%
7512   \hsize\columnwidth \@parboxrestore
7513   \protected@edef\@currentlabel{%
7514     \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7515   \color@begingroup
7516     \@nameuse{@threecolfootfmt#1}{##1}%
7517   \color@endgroup}\m@mmf@prepare}}
7518 \bidi@ensure@newcommand{\m@make@threecolfootfmt}[1]{%
7519 \bidi@namelongdef{@threecolfootfmt#1}##1{%
7520   \@preamthreefmt
7521   {\@nameuse{footfootmark#1}\strut
7522     {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7523 \bidi@ensure@newcommand{\m@make@threecol@footgroup}[1]{%
7524 \@namedef{@threecol@footgroup#1}{%
7525   \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7526   \m@r@rigidbalance{\@nameuse{footins#1}}{\thr@@}{\splittopskip}}}}
7527 \bidi@ensure@newcommand{\m@make@mpthreecol@footgroup}[1]{%
7528 \@namedef{@mpthreecol@footgroup#1}{%
7529   \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7530   \m@r@rigidbalance{\@nameuse{@mpfootins#1}}{\thr@@}{\splittopskip}}}}
7531 \bidi@ensure@newcommand{\fourcolumnfootnotes}{%
7532 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7533 \let\@footnotetext\@fourcolfootnotetext
7534 \let\@LTRfootnotetext\@fourcolLTRfootnotetext
7535 \let\@RTLfootnotetext\@fourcolRTLfootnotetext
7536 \dimen\footinsv@r=4\footinsdim
7537 \count\footinsv@r=250\relax
7538 \m@make@fourcol@footgroup{v@r}%
7539 \let\@footgroupv@r\@fourcol@footgroupv@r
7540 \let\@mpfootnotetext\@mpfourcolfootnotetext
7541 \let\@mpLTRfootnotetext\@mpfourcolLTRfootnotetext
7542 \let\@mpRTLfootnotetext\@mpfourcolRTLfootnotetext
7543 \m@make@mpfourcol@footgroup{v@r}%
7544 \let\mp@footgroupv@r\@mpfourcol@footgroupv@r}
7545 \bidi@ensure@newcommand{\@fourcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
7546 \def\baselinestretch{\m@m@footnote@spacing}%
7547 \reset@font\foottextfont
7548 \@preamfntext
7549 \protected@edef\@currentlabel{%
7550   \csname p@footnote\endcsname\@thefnmark}%
7551 \color@begingroup
7552   \@fourcolfootfmt{#1}%
7553 \color@endgroup}%
7554 \m@mmf@prepare}
7555 \bidi@ensure@newcommand{\@fourcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
7556 \def\baselinestretch{\m@m@footnote@spacing}%
7557 \reset@font\LTRfoottextfont

```



```

7558 \@preamfntext
7559 \protected@edef\@currentlabel{%
7560   \csname p@footnote\endcsname\@thefnmark}%
7561 \color@begingroup
7562   \@fourcolLTRfootfmt{#1}%
7563 \color@endgroup}%
7564 \m@mmf@prepare}
7565 \bidi@ensure@newcommand{\@fourcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7566   \def\baselinestretch{\m@m@footnote@spacing}%
7567   \reset@font\RTLfoottextfont
7568   \@preamfntext
7569   \protected@edef\@currentlabel{%
7570     \csname p@footnote\endcsname\@thefnmark}%
7571   \color@begingroup
7572     \@fourcolRTLfootfmt{#1}%
7573   \color@endgroup}%
7574   \m@mmf@prepare}
7575 \bidi@ensure@newcommand{\@preamfourfmt}{%
7576   \hsize .25\hsize
7577   \parindent=\z@
7578   \tolerance=5000\relax
7579   \leavevmode}
7580 \bidi@ensure@newcommand{\@fourcolfootfmt}[1]{%
7581   \@preamfourfmt
7582   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7583 \bidi@ensure@newcommand{\@fourcolLTRfootfmt}[1]{%
7584   \@preamfourfmt
7585   {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7586 \bidi@ensure@newcommand{\@fourcolRTLfootfmt}[1]{%
7587   \@preamfourfmt
7588   {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7589 \bidi@ensure@newcommand{\@mpfourcolfootnotetext}[1]{%
7590   \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7591     \unvbox\@mpfootinsv@r
7592     \def\baselinestretch{\m@m@footnote@spacing}%
7593     \reset@font\foottextfont
7594     \hsize\columnwidth \@parboxrestore
7595     \protected@edef\@currentlabel{%
7596       \csname p@mpfootnote\endcsname\@thefnmark}%
7597   \color@begingroup
7598     \@fourcolfootfmt{#1}%
7599   \color@endgroup}%
7600   \m@mmf@prepare}
7601 \bidi@ensure@newcommand{\@mpfourcolLTRfootnotetext}[1]{%
7602   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7603     \unvbox\@mpfootinsv@r
7604     \def\baselinestretch{\m@m@footnote@spacing}%
7605     \reset@font\LTRfoottextfont
7606     \hsize\columnwidth \@parboxrestore
7607     \if@RTLcolumnfootnotes\beginL\fi

```



```

7608 \protected@edef\@currentlabel{%
7609 \csname p@mpfootnote\endcsname\@thefnmark}%
7610 \color@begingroup
7611 \@fourcolLTRfootfmt{#1}%
7612 \color@endgroup}%
7613 \m@mmf@prepare}
7614 \bidi@ensure@newcommand{\@mpfourcolRTLfootnotetext}[1]{%
7615 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
7616 \unvbox\@mpfootinsv@r
7617 \def\baselinestretch{\m@m@footnote@spacing}%
7618 \reset@font\RTLfoottextfont
7619 \hsize\columnwidth \@parboxrestore
7620 \protected@edef\@currentlabel{%
7621 \csname p@mpfootnote\endcsname\@thefnmark}%
7622 \color@begingroup
7623 \@fourcolRTLfootfmt{#1}%
7624 \color@endgroup}%
7625 \m@mmf@prepare}
7626 \bidi@ensure@newcommand{\fourcolumnfootstyle}[1]{%
7627 \m@make@fourcolfootnotetext{#1}%
7628 \m@make@mpfourcolfootnotetext{#1}%
7629 \m@make@fourcolfootfmt{#1}%
7630 \m@make@fourcol@footgroup{#1}%
7631 \m@make@mpfourcol@footgroup{#1}%
7632 \m@make@footstart{#1}%
7633 \bidi@namelongdef{\@footnotetext#1}##1{%
7634 \@nameuse{\@fourcolfootnotetext#1}{##1}}%
7635 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7636 \@nameuse{\@mpfourcolfootnotetext#1}{##1}}%
7637 \@namedef{\@footgroup#1}{\@nameuse{\@fourcol@footgroup#1}}%
7638 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpfourcol@footgroup#1}}%
7639 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7640 \expandafter\count\csname footins#1\endcsname=500\relax}
7641 \bidi@ensure@newcommand{\m@make@fourcolfootnotetext}[1]{%
7642 \bidi@namelongdef{\@fourcolfootnotetext#1}##1{%
7643 \insert\@nameuse{footins#1}{%
7644 \def\baselinestretch{\m@m@footnote@spacing}%
7645 \reset@font\@nameuse{foottextfont#1}%
7646 \@preamfntext
7647 \protected@edef\@currentlabel{%
7648 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7649 \color@begingroup
7650 \@nameuse{\@fourcolfootfmt#1}{##1}%
7651 \color@endgroup}%
7652 \m@mmf@prepare}}
7653 \bidi@ensure@newcommand{\m@make@mpfourcolfootnotetext}[1]{%
7654 \bidi@namelongdef{\@mpfourcolfootnotetext#1}##1{%
7655 \global\setbox\@nameuse{\@mpfootins#1}\vbox{%
7656 \unvbox\@nameuse{\@mpfootins#1}
7657 \def\baselinestretch{\m@m@footnote@spacing}%

```




```

7658 \reset@font\@nameuse{foottextfont#1}%
7659 \hsize\columnwidth \@parboxrestore
7660 \protected@edef\@currentlabel{%
7661 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7662 \color@begingroup
7663 \@nameuse{@fourcolfootfmt#1}{##1}%
7664 \color@endgroup}\m@mmf@prepare}}
7665 \bidi@ensure@newcommand{\m@make@fourcolfootfmt}[1]{%
7666 \@namedef{@fourcolfootfmt#1}##1{%
7667 \@preamfourfmt
7668 {\@nameuse{footfootmark#1}\strut
7669 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7670 \bidi@ensure@newcommand{\m@make@fourcol@footgroup}[1]{%
7671 \@namedef{@fourcol@footgroup#1}{%
7672 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7673 \m@r@rigidbalance{\@nameuse{footins#1}}{4}{\splittopskip}}}%
7674 \bidi@ensure@newcommand{\m@make@mpfourcol@footgroup}[1]{%
7675 \@namedef{@mpfourcol@footgroup#1}{%
7676 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7677 \m@r@rigidbalance{\@nameuse{@mpfootins#1}}{4}{\splittopskip}}}%
7678 \bidi@ensure@newcommand{\fivecolumnfootnotes}{%
7679 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7680 \let\@footnotetext\@fivecolfootnotetext
7681 \let\@LTRfootnotetext\@fivecolLTRfootnotetext
7682 \let\@RTLfootnotetext\@fivecolRTLfootnotetext
7683 \dimen\footinsv@r=5\footinsdim
7684 \count\footinsv@r=200\relax
7685 \m@make@fivecol@footgroup{v@r}%
7686 \let\@footgroupv@r\@fivecol@footgroupv@r
7687 \let\@mpfootnotetext\@mpfivecolfootnotetext
7688 \let\@mpLTRfootnotetext\@mpfivecolLTRfootnotetext
7689 \let\@mpRTLfootnotetext\@mpfivecolRTLfootnotetext
7690 \m@make@mpfivecol@footgroup{v@r}%
7691 \let\mp@footgroupv@r\@mpfivecol@footgroupv@r}
7692 \bidi@ensure@newcommand{\@fivecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
7693 \def\baselinestretch{\m@m@footnote@spacing}}%
7694 \reset@font\foottextfont
7695 \@preamfntext
7696 \protected@edef\@currentlabel{%
7697 \csname p@footnote\endcsname\@thefnmark}%
7698 \color@begingroup
7699 \@fivecolfootfmt{#1}%
7700 \color@endgroup}%
7701 \m@mmf@prepare}
7702 \bidi@ensure@newcommand{\@fivecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
7703 \def\baselinestretch{\m@m@footnote@spacing}}%
7704 \reset@font\LTRfoottextfont
7705 \@preamfntext
7706 \protected@edef\@currentlabel{%
7707 \csname p@footnote\endcsname\@thefnmark}%

```



```

7708 \color@begingroup
7709 \@fivecolLTRfootfmt{#1}%
7710 \color@endgroup}%
7711 \m@mmf@prepare}
7712 \bidi@ensure@newcommand{\@fivecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7713 \def\baselinestretch{\m@m@footnote@spacing}%
7714 \reset@font\RTLfoottextfont
7715 \@preamfntext
7716 \protected@edef\@currentlabel{%
7717 \csname p@footnote\endcsname\@thefnmark}%
7718 \color@begingroup
7719 \@fivecolRTLfootfmt{#1}%
7720 \color@endgroup}%
7721 \m@mmf@prepare}
7722 \bidi@ensure@newcommand{\@preamfivefmt}{%
7723 \hsize .2\hsize
7724 \parindent=\z@
7725 \tolerance=5000\relax
7726 \leavevmode}
7727 \bidi@ensure@newcommand{\@fivecolfootfmt}[1]{%
7728 \@preamfivefmt
7729 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7730 \bidi@ensure@newcommand{\@fivecolLTRfootfmt}[1]{%
7731 \@preamfivefmt
7732 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7733 \bidi@ensure@newcommand{\@fivecolRTLfootfmt}[1]{%
7734 \@preamfivefmt
7735 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7736 \bidi@ensure@newcommand{\@mpfivecolfootnotetext}[1]{%
7737 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7738 \unvbox\@mpfootinsv@r
7739 \def\baselinestretch{\m@m@footnote@spacing}%
7740 \reset@font\foottextfont
7741 \hsize\columnwidth \@parboxrestore
7742 \protected@edef\@currentlabel{%
7743 \csname p@mpfootnote\endcsname\@thefnmark}%
7744 \color@begingroup
7745 \@fivecolfootfmt{#1}%
7746 \color@endgroup}%
7747 \m@mmf@prepare}
7748 \bidi@ensure@newcommand{\@mpfivecolLTRfootnotetext}[1]{%
7749 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7750 \unvbox\@mpfootinsv@r
7751 \def\baselinestretch{\m@m@footnote@spacing}%
7752 \reset@font\LTRfoottextfont
7753 \hsize\columnwidth \@parboxrestore
7754 \if@RTLcolumnfootnotes\beginL\fi
7755 \protected@edef\@currentlabel{%
7756 \csname p@mpfootnote\endcsname\@thefnmark}%
7757 \color@begingroup

```



```

7758 \fivecolLTRfootfmt{#1}%
7759 \color@endgroup}%
7760 \m@mmf@prepare}
7761 \bidi@ensure@newcommand{\mpfivecolRTLfootnotetext}[1]{%
7762 \global\setbox\mpfootinsv@r\vbox{\@RTLtrue%
7763 \unvbox\mpfootinsv@r
7764 \def\baselinestretch{\m@m@footnote@spacing}%
7765 \reset@font\RTLfoottextfont
7766 \hsize\columnwidth \@parboxrestore
7767 \protected@edef\@currentlabel{%
7768 \csname p@mpfootnote\endcsname\@thefnmark}%
7769 \color@begingroup
7770 \fivecolRTLfootfmt{#1}%
7771 \color@endgroup}%
7772 \m@mmf@prepare}
7773 \bidi@ensure@newcommand{\fivecolumnfootstyle}[1]{%
7774 \m@make@fivecolfootnotetext{#1}%
7775 \m@make@mpfivecolfootnotetext{#1}%
7776 \m@make@fivecolfootfmt{#1}%
7777 \m@make@fivecol@footgroup{#1}%
7778 \m@make@mpfivecol@footgroup{#1}%
7779 \m@make@footstart{#1}%
7780 \bidi@namelongdef{\footnotetext#1}##1{%
7781 \@nameuse{\fivecolfootnotetext#1}##1}%
7782 \bidi@namelongdef{\mpfootnotetext#1}##1{%
7783 \@nameuse{\mpfivecolfootnotetext#1}##1}%
7784 \@namedef{\footgroup#1}{\@nameuse{\fivecol@footgroup#1}}%
7785 \@namedef{\mp@footgroup#1}{\@nameuse{\mpfivecol@footgroup#1}}%
7786 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7787 \expandafter\count\csname footins#1\endcsname=500\relax}
7788 \bidi@ensure@newcommand{\m@make@fivecolfootnotetext}[1]{%
7789 \bidi@namelongdef{\fivecolfootnotetext#1}##1{%
7790 \insert\@nameuse{footins#1}%
7791 \def\baselinestretch{\m@m@footnote@spacing}%
7792 \reset@font\@nameuse{foottextfont#1}%
7793 \@preamfntext
7794 \protected@edef\@currentlabel{%
7795 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7796 \color@begingroup
7797 \@nameuse{\fivecolfootfmt#1}##1}%
7798 \color@endgroup}%
7799 \m@mmf@prepare}}
7800 \bidi@ensure@newcommand{\m@make@mpfivecolfootnotetext}[1]{%
7801 \bidi@namelongdef{\mpfivecolfootnotetext#1}##1{%
7802 \global\setbox\@nameuse{\mpfootins#1}\vbox{%
7803 \unvbox\@nameuse{\mpfootins#1}
7804 \def\baselinestretch{\m@m@footnote@spacing}%
7805 \reset@font\@nameuse{foottextfont#1}%
7806 \hsize\columnwidth \@parboxrestore
7807 \protected@edef\@currentlabel{%

```



```

7808      \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7809      \color@begingroup
7810      \@nameuse{@fivecolfootfmt#1}{##1}%
7811      \color@endgroup}\m@mmf@prepare}}
7812 \bidi@ensure@newcommand{\m@make@fivecolfootfmt}[1]{%
7813   \@namedef{@fivecolfootfmt#1}##1{%
7814     \@preamfivefmt
7815     {\@nameuse{footfootmark#1}\strut
7816      {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7817 \bidi@ensure@newcommand{\m@make@fivecol@footgroup}[1]{%
7818   \@namedef{@fivecol@footgroup#1}{%
7819     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7820     \m@rigrigidbodybalance{\@nameuse{footins#1}}{5}{\splittopskip}}}%
7821 \bidi@ensure@newcommand{\m@make@mpfivecol@footgroup}[1]{%
7822   \@namedef{@mpfivecol@footgroup#1}{%
7823     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7824     \m@rigrigidbodybalance{\@nameuse{mpfootins#1}}{5}{\splittopskip}}}%
7825 \bidi@ensure@newcommand{\sixcolumnfootnotes}{%
7826   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7827   \let\@footnotetext\@sixcolfootnotetext
7828   \let\@LTRfootnotetext\@sixcolLTRfootnotetext
7829   \let\@RTLfootnotetext\@sixcolRTLfootnotetext
7830   \dimen\footinsv@r=6\footinsdim
7831   \count\footinsv@r=166\relax
7832   \m@make@sixcol@footgroup{v@r}%
7833   \let\@footgroupv@r\@sixcol@footgroupv@r
7834   \let\@mpfootnotetext\@mpsixcolfootnotetext
7835   \let\@mpLTRfootnotetext\@mpsixcolLTRfootnotetext
7836   \let\@mpRTLfootnotetext\@mpsixcolRTLfootnotetext
7837   \m@make@mpsixcol@footgroup{v@r}%
7838   \let\mp@footgroupv@r\@mpsixcol@footgroupv@r}
7839 \bidi@ensure@newcommand{\@sixcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
7840   \def\baselinestretch{\m@m@footnote@spacing}%
7841   \reset@font\foottextfont
7842   \@preamfntext
7843   \protected@edef\@currentlabel{%
7844     \csname p@footnote\endcsname\@thefnmark}%
7845   \color@begingroup
7846     \@sixcolfootfmt{#1}%
7847   \color@endgroup}%
7848   \m@mmf@prepare}
7849 \bidi@ensure@newcommand{\@sixcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes
7850   \def\baselinestretch{\m@m@footnote@spacing}%
7851   \reset@font\LTRfoottextfont
7852   \@preamfntext
7853   \protected@edef\@currentlabel{%
7854     \csname p@footnote\endcsname\@thefnmark}%
7855   \color@begingroup
7856     \@sixcolLTRfootfmt{#1}%
7857   \color@endgroup}%

```



```

7858 \m@mmf@prepare}
7859 \bidi@ensure@newcommand{\@sixcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7860 \def\baselinestretch{\m@m@footnote@spacing}%
7861 \reset@font\RTLfoottextfont
7862 \@preamfntext
7863 \protected@edef\@currentlabel{%
7864 \csname p@footnote\endcsname\@thefnmark}%
7865 \color@begingroup
7866 \@sixcolRTLfootfmt{#1}%
7867 \color@endgroup}%
7868 \m@mmf@prepare}
7869 \bidi@ensure@newcommand{\@preamsixfmt}{%
7870 \hsize .16\hsize
7871 \parindent=\z@
7872 \tolerance=5000\relax
7873 \leavevmode}
7874 \bidi@ensure@newcommand{\@sixcolfootfmt}[1]{%
7875 \@preamsixfmt
7876 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7877 \bidi@ensure@newcommand{\@sixcolLTRfootfmt}[1]{%
7878 \@preamsixfmt
7879 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7880 \bidi@ensure@newcommand{\@sixcolRTLfootfmt}[1]{%
7881 \@preamsixfmt
7882 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7883 \bidi@ensure@newcommand{\@mpsixcolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi}
7884 \global\setbox\@mpfootinsv@r\vbox{%
7885 \unvbox\@mpfootinsv@r
7886 \def\baselinestretch{\m@m@footnote@spacing}%
7887 \reset@font\foottextfont
7888 \hsize\columnwidth \@parboxrestore
7889 \protected@edef\@currentlabel{%
7890 \csname p@mpfootnote\endcsname\@thefnmark}%
7891 \color@begingroup
7892 \@sixcolfootfmt{#1}%
7893 \color@endgroup}%
7894 \m@mmf@prepare}
7895 \bidi@ensure@newcommand{\@mpsixcolLTRfootnotetext}[1]{\@RTLfalse%
7896 \global\setbox\@mpfootinsv@r\vbox{%
7897 \unvbox\@mpfootinsv@r
7898 \def\baselinestretch{\m@m@footnote@spacing}%
7899 \reset@font\LTRfoottextfont
7900 \hsize\columnwidth \@parboxrestore
7901 \if@RTLcolumnfootnotes\beginL\fi
7902 \protected@edef\@currentlabel{%
7903 \csname p@mpfootnote\endcsname\@thefnmark}%
7904 \color@begingroup
7905 \@sixcolLTRfootfmt{#1}%
7906 \color@endgroup}%
7907 \m@mmf@prepare}

```



```

7908 \bidi@ensure@newcommand{\@mpsixcolRTLfootnotetext}[1]{\@RTLtrue%
7909 \global\setbox\@mpfootinsv\@vbox{%
7910 \unvbox\@mpfootinsv
7911 \def\baselinestretch{\m@m@footnote@spacing}%
7912 \reset@font\RTLfoottextfont
7913 \hsize\columnwidth \@parboxrestore
7914 \protected@edef\@currentlabel{%
7915 \csname p@mpfootnote\endcsname\@thefnmark}%
7916 \color@begingroup
7917 \@sixcolRTLfootfmt{#1}%
7918 \color@endgroup}%
7919 \m@mmf@prepare}
7920 \bidi@ensure@newcommand{\sixcolumnfootstyle}[1]{%
7921 \m@make@sixcolfootnotetext{#1}%
7922 \m@make@mpsixcolfootnotetext{#1}%
7923 \m@make@sixcolfootfmt{#1}%
7924 \m@make@sixcol@footgroup{#1}%
7925 \m@make@mpsixcol@footgroup{#1}%
7926 \m@make@footstart{#1}%
7927 \bidi@namelongdef{\footnotetext#1}##1{%
7928 \nameuse{\@sixcolfootnotetext#1}{##1}}%
7929 \bidi@namelongdef{\mpfootnotetext#1}##1{%
7930 \nameuse{\@mpsixcolfootnotetext#1}{##1}}%
7931 \@namedef{\@footgroup#1}{\nameuse{\@sixcol@footgroup#1}}%
7932 \@namedef{\mp@footgroup#1}{\nameuse{\@mpsixcol@footgroup#1}}%
7933 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7934 \expandafter\count\csname footins#1\endcsname=500\relax}
7935 \bidi@ensure@newcommand{\m@make@sixcolfootnotetext}[1]{%
7936 \bidi@namelongdef{\@sixcolfootnotetext#1}##1{%
7937 \insert\@nameuse{\footins#1}{%
7938 \def\baselinestretch{\m@m@footnote@spacing}%
7939 \reset@font\@nameuse{\foottextfont#1}%
7940 \@preamfntext
7941 \protected@edef\@currentlabel{%
7942 \csname p@footnote#1\endcsname \nameuse{\@thefnmark#1}}%
7943 \color@begingroup
7944 \nameuse{\@sixcolfootfmt#1}{##1}%
7945 \color@endgroup}%
7946 \m@mmf@prepare}}
7947 \bidi@ensure@newcommand{\m@make@mpsixcolfootnotetext}[1]{%
7948 \bidi@namelongdef{\@mpsixcolfootnotetext#1}##1{%
7949 \global\setbox\@nameuse{\@mpfootins#1}\vbox{%
7950 \unvbox\@nameuse{\@mpfootins#1}
7951 \def\baselinestretch{\m@m@footnote@spacing}%
7952 \reset@font\@nameuse{\foottextfont#1}%
7953 \hsize\columnwidth \@parboxrestore
7954 \protected@edef\@currentlabel{%
7955 \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
7956 \color@begingroup
7957 \nameuse{\@sixcolfootfmt#1}{##1}%

```



```

7958 \color@endgroup}\m@mmf@prepare}}
7959 \bidi@ensure@newcommand{\m@make@sixcolfootfmt}[1]{%
7960 \namedef{@sixcolfootfmt#1}##1{%
7961 \@preamsixfmt
7962 {\@nameuse{footfootmark#1}\strut
7963 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7964 \bidi@ensure@newcommand{\m@make@sixcol@footgroup}[1]{%
7965 \namedef{@sixcol@footgroup#1}{%
7966 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7967 \m@mrigidbalance{\@nameuse{footins#1}}{6}{\splittopskip}}}}
7968 \bidi@ensure@newcommand{\m@make@mpsixcol@footgroup}[1]{%
7969 \namedef{@mpsixcol@footgroup#1}{%
7970 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7971 \m@mrigidbalance{\@nameuse{mpfootins#1}}{6}{\splittopskip}}}}
7972 \bidi@ensure@newcommand{\sevendcolumnfootnotes}{%
7973 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
7974 \let\@footnotetext\@sevendcolfootnotetext
7975 \let\@LTRfootnotetext\@sevendcolLTRfootnotetext
7976 \let\@RTLfootnotetext\@sevendcolRTLfootnotetext
7977 \dimen\footinsv@r=7\footinsdim
7978 \count\footinsv@r=142\relax
7979 \m@make@sevendcol@footgroup{v@r}%
7980 \let\@footgroupv@r\@sevendcol@footgroupv@r
7981 \let\@mpfootnotetext\@mpsevendcolfootnotetext
7982 \let\@mpLTRfootnotetext\@mpsevendcolLTRfootnotetext
7983 \let\@mpRTLfootnotetext\@mpsevendcolRTLfootnotetext
7984 \m@make@mpsevendcol@footgroup{v@r}%
7985 \let\mp@footgroupv@r\@mpsevendcol@footgroupv@r}
7986 \bidi@ensure@newcommand{\@sevendcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
7987 \def\baselinestretch{\m@m@footnote@spacing}%
7988 \reset@font\foottextfont
7989 \@preamfntext
7990 \protected@edef\@currentlabel{%
7991 \csname p@footnote\endcsname\@thefnmark}%
7992 \color@begingroup
7993 \@sevendcolfootfmt{#1}%
7994 \color@endgroup}%
7995 \m@mmf@prepare}
7996 \bidi@ensure@newcommand{\@sevendcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
7997 \def\baselinestretch{\m@m@footnote@spacing}%
7998 \reset@font\LTRfoottextfont
7999 \@preamfntext
8000 \protected@edef\@currentlabel{%
8001 \csname p@footnote\endcsname\@thefnmark}%
8002 \color@begingroup
8003 \@sevendcolLTRfootfmt{#1}%
8004 \color@endgroup}%
8005 \m@mmf@prepare}
8006 \bidi@ensure@newcommand{\@sevendcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8007 \def\baselinestretch{\m@m@footnote@spacing}%

```



```

8008 \reset@font\RTLfoottextfont
8009 \@preamfntext
8010 \protected@edef\@currentlabel{%
8011   \csname p@footnote\endcsname\@thefnmark}%
8012 \color@begingroup
8013   \@sevenscolRTLfootfmt{#1}%
8014 \color@endgroup}%
8015 \m@mmf@prepare}
8016 \bidi@ensure@newcommand{\@preamsevenfmt}{%
8017   \hsize .142\hsize
8018   \parindent=\z@
8019   \tolerance=5000\relax
8020   \leavevmode}
8021 \bidi@ensure@newcommand{\@sevenscolfootfmt}[1]{%
8022   \@preamsevenfmt
8023   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8024 \bidi@ensure@newcommand{\@sevenscolLTRfootfmt}[1]{%
8025   \@preamsevenfmt
8026   {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8027 \bidi@ensure@newcommand{\@sevenscolRTLfootfmt}[1]{%
8028   \@preamsevenfmt
8029   {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8030 \bidi@ensure@newcommand{\@mpsevenscolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse%
8031   \global\setbox\@mpfootinsv@r\vbox{%
8032     \unvbox\@mpfootinsv@r
8033     \def\baselinestretch{\m@m@footnote@spacing}%
8034     \reset@font\foottextfont
8035     \hsize\columnwidth \@parboxrestore
8036     \protected@edef\@currentlabel{%
8037       \csname p@mpfootnote\endcsname\@thefnmark}%
8038     \color@begingroup
8039       \@sevenscolfootfmt{#1}%
8040     \color@endgroup}%
8041     \m@mmf@prepare}
8042 \bidi@ensure@newcommand{\@mpsevenscolLTRfootnotetext}[1]{\@RTLfalse%
8043   \global\setbox\@mpfootinsv@r\vbox{%
8044     \unvbox\@mpfootinsv@r
8045     \def\baselinestretch{\m@m@footnote@spacing}%
8046     \reset@font\LTRfoottextfont
8047     \hsize\columnwidth \@parboxrestore
8048     \if@RTLcolumnfootnotes\beginL\fi
8049     \protected@edef\@currentlabel{%
8050       \csname p@mpfootnote\endcsname\@thefnmark}%
8051     \color@begingroup
8052       \@sevenscolLTRfootfmt{#1}%
8053     \color@endgroup}%
8054     \m@mmf@prepare}
8055 \bidi@ensure@newcommand{\@mpsevenscolRTLfootnotetext}[1]{\@RTLtrue%
8056   \global\setbox\@mpfootinsv@r\vbox{%
8057     \unvbox\@mpfootinsv@r

```




```

8058 \def\baselinestretch{\m@m@footnote@spacing}%
8059 \reset@font\RTLfoottextfont
8060 \hsize\columnwidth \@parboxrestore
8061 \protected@edef\@currentlabel{%
8062 \csname p@mpfootnote\endcsname\@thefnmark}%
8063 \color@begingroup
8064 \@sevenscolRTLfootfmt{#1}%
8065 \color@endgroup}%
8066 \m@mmf@prepare}
8067 \bidi@ensure@newcommand{\sevenscolumnfootstyle}[1]{%
8068 \m@make@sevenscolfootnotetext{#1}%
8069 \m@make@mpsevenscolfootnotetext{#1}%
8070 \m@make@sevenscolfootfmt{#1}%
8071 \m@make@sevenscol@footgroup{#1}%
8072 \m@make@mpsevenscol@footgroup{#1}%
8073 \m@make@footstart{#1}%
8074 \bidi@namelongdef{\footnotetext#1}##1{%
8075 \@nameuse{\@sevenscolfootnotetext#1}{##1}}%
8076 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8077 \@nameuse{\@mpsevenscolfootnotetext#1}{##1}}%
8078 \@namedef{\@footgroup#1}{\@nameuse{\@sevenscol@footgroup#1}}%
8079 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpsevenscol@footgroup#1}}%
8080 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8081 \expandafter\count\csname footins#1\endcsname=500\relax}
8082 \bidi@ensure@newcommand{\m@make@sevenscolfootnotetext}[1]{%
8083 \bidi@namelongdef{\@sevenscolfootnotetext#1}##1{%
8084 \insert\@nameuse{footins#1}{%
8085 \def\baselinestretch{\m@m@footnote@spacing}%
8086 \reset@font\@nameuse{foottextfont#1}%
8087 \@preamfntext
8088 \protected@edef\@currentlabel{%
8089 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
8090 \color@begingroup
8091 \@nameuse{\@sevenscolfootfmt#1}{##1}%
8092 \color@endgroup}%
8093 \m@mmf@prepare}}
8094 \bidi@ensure@newcommand{\m@make@mpsevenscolfootnotetext}[1]{%
8095 \bidi@namelongdef{\@mpsevenscolfootnotetext#1}##1{%
8096 \global\setbox\@nameuse{\@mpfootins#1}\vbox{%
8097 \unvbox\@nameuse{\@mpfootins#1}
8098 \def\baselinestretch{\m@m@footnote@spacing}%
8099 \reset@font\@nameuse{foottextfont#1}%
8100 \hsize\columnwidth \@parboxrestore
8101 \protected@edef\@currentlabel{%
8102 \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
8103 \color@begingroup
8104 \@nameuse{\@sevenscolfootfmt#1}{##1}%
8105 \color@endgroup}\m@mmf@prepare}}
8106 \bidi@ensure@newcommand{\m@make@sevenscolfootfmt}[1]{%
8107 \@namedef{\@sevenscolfootfmt#1}##1{%

```



```

8108 \@preamsevenfmt
8109 {\@nameuse{footfootmark#1}\strut
8110 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8111 \bidi@ensure@newcommand{\m@make@sevendcol@footgroup}[1]{%
8112 \@namedef{@sevendcol@footgroup#1}{%
8113 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8114 \m@rigrigidbodybalance{\@nameuse{footins#1}}{7}{\splittopskip}}}}
8115 \bidi@ensure@newcommand{\m@make@mpsevendcol@footgroup}[1]{%
8116 \@namedef{@mpsevendcol@footgroup#1}{%
8117 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8118 \m@rigrigidbodybalance{\@nameuse{mpfootins#1}}{7}{\splittopskip}}}}
8119 \bidi@ensure@newcommand{@eightcolumnfootnotes}{%
8120 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8121 \let\@footnotetext\@eightcolfootnotetext
8122 \let\@LTRfootnotetext\@eightcolLTRfootnotetext
8123 \let\@RTLfootnotetext\@eightcolRTLfootnotetext
8124 \dimen\footinsv@r=8\footinsdim
8125 \count\footinsv@r=125\relax
8126 \m@make@eightcol@footgroup{v@r}%
8127 \let\@footgroupv@r\@eightcol@footgroupv@r
8128 \let\@mpfootnotetext\@mpeightcolfootnotetext
8129 \let\@mpLTRfootnotetext\@mpeightcolLTRfootnotetext
8130 \let\@mpRTLfootnotetext\@mpeightcolRTLfootnotetext
8131 \m@make@mpeightcol@footgroup{v@r}%
8132 \let\mp@footgroupv@r\@mpeightcol@footgroupv@r}
8133 \bidi@ensure@newcommand{@@eightcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
8134 \def\baselinestretch{\m@m@footnote@spacing}%
8135 \reset@font\foottextfont
8136 \@preamfntext
8137 \protected@edef\@currentlabel{%
8138 \csname p@footnote\endcsname\@thefnmark}%
8139 \color@begingroup
8140 \@eightcolfootfmt{#1}%
8141 \color@endgroup}%
8142 \m@m@mf@prepare}
8143 \bidi@ensure@newcommand{@@eightcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
8144 \def\baselinestretch{\m@m@footnote@spacing}%
8145 \reset@font\LTRfoottextfont
8146 \@preamfntext
8147 \protected@edef\@currentlabel{%
8148 \csname p@footnote\endcsname\@thefnmark}%
8149 \color@begingroup
8150 \@eightcolLTRfootfmt{#1}%
8151 \color@endgroup}%
8152 \m@m@mf@prepare}
8153 \bidi@ensure@newcommand{@@eightcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8154 \def\baselinestretch{\m@m@footnote@spacing}%
8155 \reset@font\RTLfoottextfont
8156 \@preamfntext
8157 \protected@edef\@currentlabel{%

```



```

8158 \csname p@footnote\endcsname\@thefnmark}%
8159 \color@begingroup
8160 \@eightcolRTLfootfmt{#1}%
8161 \color@endgroup}%
8162 \m@mmf@prepare}
8163 \bidi@ensure@newcommand{\@preameightfmt}{%
8164 \hsize .125\hsize
8165 \parindent=\z@
8166 \tolerance=5000\relax
8167 \leavevmode}
8168 \bidi@ensure@newcommand{\@eightcolfootfmt}[1]{%
8169 \@preameightfmt
8170 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8171 \bidi@ensure@newcommand{\@eightcolLTRfootfmt}[1]{%
8172 \@preameightfmt
8173 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8174 \bidi@ensure@newcommand{\@eightcolRTLfootfmt}[1]{%
8175 \@preameightfmt
8176 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8177 \bidi@ensure@newcommand{\@mpeightcolfootnotetext}[1]{%
8178 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8179 \unvbox\@mpfootinsv@r
8180 \def\baselinestretch{\m@m@footnote@spacing}%
8181 \reset@font\foottextfont
8182 \hsize\columnwidth \@parboxrestore
8183 \protected@edef\@currentlabel{%
8184 \csname p@mpfootnote\endcsname\@thefnmark}%
8185 \color@begingroup
8186 \@eightcolfootfmt{#1}%
8187 \color@endgroup}%
8188 \m@mmf@prepare}
8189 \bidi@ensure@newcommand{\@mpeightcolLTRfootnotetext}[1]{%
8190 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8191 \unvbox\@mpfootinsv@r
8192 \def\baselinestretch{\m@m@footnote@spacing}%
8193 \reset@font\LTRfoottextfont
8194 \hsize\columnwidth \@parboxrestore
8195 \if@RTLcolumnfootnotes\beginL\fi
8196 \protected@edef\@currentlabel{%
8197 \csname p@mpfootnote\endcsname\@thefnmark}%
8198 \color@begingroup
8199 \@eightcolLTRfootfmt{#1}%
8200 \color@endgroup}%
8201 \m@mmf@prepare}
8202 \bidi@ensure@newcommand{\@mpeightcolRTLfootnotetext}[1]{%
8203 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8204 \unvbox\@mpfootinsv@r
8205 \def\baselinestretch{\m@m@footnote@spacing}%
8206 \reset@font\RTLfoottextfont
8207 \hsize\columnwidth \@parboxrestore

```



```

8208 \protected@edef\@currentlabel{%
8209 \csname p@mpfootnote\endcsname\@thefnmark}%
8210 \color@begingroup
8211 \@eightcolRTLfootfmt{#1}%
8212 \color@endgroup}%
8213 \m@mmf@prepare}
8214 \bidi@ensure@newcommand{\eightcolumnfootstyle}[1]{%
8215 \m@make@eightcolfootnotetext{#1}%
8216 \m@make@mpeightcolfootnotetext{#1}%
8217 \m@make@eightcolfootfmt{#1}%
8218 \m@make@eightcol@footgroup{#1}%
8219 \m@make@mpeightcol@footgroup{#1}%
8220 \m@make@footstart{#1}%
8221 \bidi@namelongdef{\footnotetext#1}##1{%
8222 \@nameuse{\@eightcolfootnotetext#1}{##1}}%
8223 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8224 \@nameuse{\@mpeightcolfootnotetext#1}{##1}}%
8225 \@namedef{\@footgroup#1}{\@nameuse{\@eightcol@footgroup#1}}%
8226 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpeightcol@footgroup#1}}%
8227 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8228 \expandafter\count\csname footins#1\endcsname=500\relax}
8229 \bidi@ensure@newcommand{\m@make@eightcolfootnotetext}[1]{%
8230 \bidi@namelongdef{\@eightcolfootnotetext#1}##1{%
8231 \insert\@nameuse{footins#1}}%
8232 \def\baselinestretch{\m@m@footnote@spacing}%
8233 \reset@font\@nameuse{foottextfont#1}%
8234 \@preamfntext
8235 \protected@edef\@currentlabel{%
8236 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
8237 \color@begingroup
8238 \@nameuse{\@eightcolfootfmt#1}{##1}%
8239 \color@endgroup}%
8240 \m@mmf@prepare}}
8241 \bidi@ensure@newcommand{\m@make@mpeightcolfootnotetext}[1]{%
8242 \bidi@namelongdef{\@mpeightcolfootnotetext#1}##1{%
8243 \global\setbox\@nameuse{\mpfootins#1}\vbox{%
8244 \unvbox\@nameuse{\mpfootins#1}
8245 \def\baselinestretch{\m@m@footnote@spacing}%
8246 \reset@font\@nameuse{foottextfont#1}%
8247 \hsize\columnwidth \@parboxrestore
8248 \protected@edef\@currentlabel{%
8249 \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
8250 \color@begingroup
8251 \@nameuse{\@eightcolfootfmt#1}{##1}%
8252 \color@endgroup}\m@mmf@prepare}}
8253 \bidi@ensure@newcommand{\m@make@eightcolfootfmt}[1]{%
8254 \@namedef{\@eightcolfootfmt#1}##1{%
8255 \@preameightfmt
8256 {\@nameuse{footfootmark#1}\strut
8257 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}

```



```

8258 \bidi@ensure@newcommand{\m@make@eightcol@footgroup}[1]{%
8259   \namedef{@eightcol@footgroup#1}{%
8260     \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8261     \m@mrigidbodybalance{\nameuse{footins#1}}{8}{\splittopskip}}}%
8262 \bidi@ensure@newcommand{\m@make@mp@eightcol@footgroup}[1]{%
8263   \namedef{@mp@eightcol@footgroup#1}{%
8264     \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8265     \m@mrigidbodybalance{\nameuse{@mpfootins#1}}{8}{\splittopskip}}}%
8266 \bidi@ensure@newcommand{\ninecolumnfootnotes}{%
8267   \namedef{foottextfontv@r}{\foottextfont}% % [RS]
8268   \let\@footnotetext\@ninecolfootnotetext
8269   \let\@LTRfootnotetext\@ninecolLTRfootnotetext
8270   \let\@RTLfootnotetext\@ninecolRTLfootnotetext
8271   \dimen\footinsv@r=9\footinsdim
8272   \count\footinsv@r=111\relax
8273   \m@make@ninecol@footgroup{v@r}%
8274   \let\@footgroupv@r\@ninecol@footgroupv@r
8275   \let\@mpfootnotetext\@mpninecolfootnotetext
8276   \let\@mpLTRfootnotetext\@mpninecolLTRfootnotetext
8277   \let\@mpRTLfootnotetext\@mpninecolRTLfootnotetext
8278   \m@make@mpninecol@footgroup{v@r}%
8279   \let\mp@footgroupv@r\@mpninecol@footgroupv@r}
8280 \bidi@ensure@newcommand{\@ninecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
8281   \def\baselinestretch{\m@m@footnote@spacing}%
8282   \reset@font\foottextfont
8283   \@preamfntext
8284   \protected@edef\@currentlabel{%
8285     \csname p@footnote\endcsname\@thefnmark}%
8286   \color@begingroup
8287     \@ninecolfootfmt{#1}%
8288   \color@endgroup}%
8289   \m@mmf@prepare}
8290 \bidi@ensure@newcommand{\@ninecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
8291   \def\baselinestretch{\m@m@footnote@spacing}%
8292   \reset@font\LTRfoottextfont
8293   \@preamfntext
8294   \protected@edef\@currentlabel{%
8295     \csname p@footnote\endcsname\@thefnmark}%
8296   \color@begingroup
8297     \@ninecolLTRfootfmt{#1}%
8298   \color@endgroup}%
8299   \m@mmf@prepare}
8300 \bidi@ensure@newcommand{\@ninecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8301   \def\baselinestretch{\m@m@footnote@spacing}%
8302   \reset@font\RTLfoottextfont
8303   \@preamfntext
8304   \protected@edef\@currentlabel{%
8305     \csname p@footnote\endcsname\@thefnmark}%
8306   \color@begingroup
8307     \@ninecolRTLfootfmt{#1}%

```



```

8308 \color@endgroup}%
8309 \m@mmf@prepare}
8310 \bidi@ensure@newcommand{\@preamninefmt}{%
8311 \hsize .1\hsize
8312 \parindent=\z@
8313 \tolerance=5000\relax
8314 \leavevmode}
8315 \bidi@ensure@newcommand{\@ninecolfootfmt}[1]{%
8316 \@preamninefmt
8317 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8318 \bidi@ensure@newcommand{\@ninecolLTRfootfmt}[1]{%
8319 \@preamninefmt
8320 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8321 \bidi@ensure@newcommand{\@ninecolRTLfootfmt}[1]{%
8322 \@preamninefmt
8323 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8324 \bidi@ensure@newcommand{\@mpninecolfootnotetext}[1]{%
8325 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8326 \unvbox\@mpfootinsv@r
8327 \def\baselinestretch{\m@m@footnote@spacing}%
8328 \reset@font\foottextfont
8329 \hsize\columnwidth \@parboxrestore
8330 \protected@edef\@currentlabel{%
8331 \csname p@mpfootnote\endcsname\@thefnmark}%
8332 \color@begingroup
8333 \@ninecolfootfmt{#1}%
8334 \color@endgroup}%
8335 \m@mmf@prepare}
8336 \bidi@ensure@newcommand{\@mpninecolLTRfootnotetext}[1]{%
8337 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8338 \unvbox\@mpfootinsv@r
8339 \def\baselinestretch{\m@m@footnote@spacing}%
8340 \reset@font\LTRfoottextfont
8341 \hsize\columnwidth \@parboxrestore
8342 \if@RTLcolumnfootnotes\beginL\fi
8343 \protected@edef\@currentlabel{%
8344 \csname p@mpfootnote\endcsname\@thefnmark}%
8345 \color@begingroup
8346 \@ninecolLTRfootfmt{#1}%
8347 \color@endgroup}%
8348 \m@mmf@prepare}
8349 \bidi@ensure@newcommand{\@mpninecolRTLfootnotetext}[1]{%
8350 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8351 \unvbox\@mpfootinsv@r
8352 \def\baselinestretch{\m@m@footnote@spacing}%
8353 \reset@font\RTLfoottextfont
8354 \hsize\columnwidth \@parboxrestore
8355 \protected@edef\@currentlabel{%
8356 \csname p@mpfootnote\endcsname\@thefnmark}%
8357 \color@begingroup

```



```

8358 \@ninecolRTLfootfmt{#1}%
8359 \color@endgroup}%
8360 \m@mmf@prepare}
8361 \bidi@ensure@newcommand{\ninecolumnfootstyle}[1]{%
8362 \m@make@ninecolfootnotetext{#1}%
8363 \m@make@mpninecolfootnotetext{#1}%
8364 \m@make@ninecolfootfmt{#1}%
8365 \m@make@ninecol@footgroup{#1}%
8366 \m@make@mpninecol@footgroup{#1}%
8367 \m@make@footstart{#1}%
8368 \bidi@namelongdef{@footnotetext#1}##1{%
8369 \nameuse{@ninecolfootnotetext#1}##1}%
8370 \bidi@namelongdef{@mpfootnotetext#1}##1{%
8371 \nameuse{@mpninecolfootnotetext#1}##1}%
8372 \@namedef{@footgroup#1}{\nameuse{@ninecol@footgroup#1}}%
8373 \@namedef{@mpfootgroup#1}{\nameuse{@mpninecol@footgroup#1}}%
8374 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8375 \expandafter\count\csname footins#1\endcsname=500\relax}
8376 \bidi@ensure@newcommand{\m@make@ninecolfootnotetext}[1]{%
8377 \bidi@namelongdef{@ninecolfootnotetext#1}##1{%
8378 \insert\nameuse{footins#1}{%
8379 \def\baselinestretch{\m@mm@footnote@spacing}%
8380 \reset@font\nameuse{foottextfont#1}%
8381 \@preamfntext
8382 \protected@edef\currentlabel{%
8383 \csname p@footnote#1\endcsname \nameuse{@thefnmark#1}}%
8384 \color@begingroup
8385 \nameuse{@ninecolfootfmt#1}##1}%
8386 \color@endgroup}%
8387 \m@mmf@prepare}}
8388 \bidi@ensure@newcommand{\m@make@mpninecolfootnotetext}[1]{%
8389 \bidi@namelongdef{@mpninecolfootnotetext#1}##1{%
8390 \global\setbox\nameuse{@mpfootins#1}\vbox{%
8391 \unvbox\nameuse{@mpfootins#1}
8392 \def\baselinestretch{\m@mm@footnote@spacing}%
8393 \reset@font\nameuse{foottextfont#1}%
8394 \hsize\columnwidth \@parboxrestore
8395 \protected@edef\currentlabel{%
8396 \csname p@mpfootnote#1\endcsname\nameuse{@thefnmark#1}}%
8397 \color@begingroup
8398 \nameuse{@ninecolfootfmt#1}##1}%
8399 \color@endgroup}\m@mmf@prepare}}
8400 \bidi@ensure@newcommand{\m@make@ninecolfootfmt}[1]{%
8401 \@namedef{@ninecolfootfmt#1}##1{%
8402 \@preamninefmt
8403 {\nameuse{footfootmark#1}\strut
8404 {\nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8405 \bidi@ensure@newcommand{\m@make@ninecol@footgroup}[1]{%
8406 \@namedef{@ninecol@footgroup#1}{%
8407 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox

```



```

8408 \m@rgrigidbalance{\@nameuse{footins#1}}{9}{\splittopskip}}}}
8409 \bidi@ensure@newcommand{\m@make@mpninecol@footgroup}[1]{%
8410 \@namedef{mpninecol@footgroup#1}{%
8411 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8412 \m@rgrigidbalance{\@nameuse{mpfootins#1}}{9}{\splittopskip}}}}
8413 \bidi@ensure@newcommand{\tencolumnfootnotes}{%
8414 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8415 \let\@footnotetext\@tencolfootnotetext
8416 \let\@LTRfootnotetext\@tencolLTRfootnotetext
8417 \let\@RTLfootnotetext\@tencolRTLfootnotetext
8418 \dimen\footinsv@r=10\footinsdim
8419 \count\footinsv@r=100\relax
8420 \m@make@tencol@footgroup{v@r}%
8421 \let\@footgroupv@r\@tencol@footgroupv@r
8422 \let\@mpfootnotetext\@mptencolfootnotetext
8423 \let\@mpLTRfootnotetext\@mptencolLTRfootnotetext
8424 \let\@mpRTLfootnotetext\@mptencolRTLfootnotetext
8425 \m@make@mptencol@footgroup{v@r}%
8426 \let\mp@footgroupv@r\@mptencol@footgroupv@r
8427 \bidi@ensure@newcommand{\@tencolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
8428 \def\baselinestretch{\m@m@footnote@spacing}%
8429 \reset@font\foottextfont
8430 \@preamfntext
8431 \protected@edef\@currentlabel{%
8432 \csname p@footnote\endcsname\@thefnmark}%
8433 \color@begingroup
8434 \tencolfootfmt{#1}%
8435 \color@endgroup}%
8436 \m@mmf@prepare}
8437 \bidi@ensure@newcommand{\@tencolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes%
8438 \def\baselinestretch{\m@m@footnote@spacing}%
8439 \reset@font\LTRfoottextfont
8440 \@preamfntext
8441 \protected@edef\@currentlabel{%
8442 \csname p@footnote\endcsname\@thefnmark}%
8443 \color@begingroup
8444 \tencolLTRfootfmt{#1}%
8445 \color@endgroup}%
8446 \m@mmf@prepare}
8447 \bidi@ensure@newcommand{\@tencolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8448 \def\baselinestretch{\m@m@footnote@spacing}%
8449 \reset@font\RTLfoottextfont
8450 \@preamfntext
8451 \protected@edef\@currentlabel{%
8452 \csname p@footnote\endcsname\@thefnmark}%
8453 \color@begingroup
8454 \tencolRTLfootfmt{#1}%
8455 \color@endgroup}%
8456 \m@mmf@prepare}
8457 \bidi@ensure@newcommand{\@preamtenfnt}{%

```




```

8458 \hsize .1\hsize
8459 \parindent=\z@
8460 \tolerance=5000\relax
8461 \leavevmode}
8462 \bidi@ensure@newcommand{\@tencolfootfmt}[1]{%
8463 \@preamtenfmt
8464 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8465 \bidi@ensure@newcommand{\@tencolLTRfootfmt}[1]{%
8466 \@preamtenfmt
8467 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8468 \bidi@ensure@newcommand{\@tencolRTLfootfmt}[1]{%
8469 \@preamtenfmt
8470 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8471 \bidi@ensure@newcommand{\@mptencolfootnotetext}[1]{%
8472 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8473 \unvbox\@mpfootinsv@r
8474 \def\baselinestretch{\m@m@footnote@spacing}%
8475 \reset@font\foottextfont
8476 \hsize\columnwidth \@parboxrestore
8477 \protected@edef\@currentlabel{%
8478 \csname p@mpfootnote\endcsname\@thefnmark}%
8479 \color@begingroup
8480 \@tencolfootfmt{#1}%
8481 \color@endgroup}%
8482 \m@mmf@prepare}
8483 \bidi@ensure@newcommand{\@mptencolLTRfootnotetext}[1]{%
8484 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8485 \unvbox\@mpfootinsv@r
8486 \def\baselinestretch{\m@m@footnote@spacing}%
8487 \reset@font\LTRfoottextfont
8488 \hsize\columnwidth \@parboxrestore
8489 \if@RTLcolumnfootnotes\beginL\fi
8490 \protected@edef\@currentlabel{%
8491 \csname p@mpfootnote\endcsname\@thefnmark}%
8492 \color@begingroup
8493 \@tencolLTRfootfmt{#1}%
8494 \color@endgroup}%
8495 \m@mmf@prepare}
8496 \bidi@ensure@newcommand{\@mptencolRTLfootnotetext}[1]{%
8497 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8498 \unvbox\@mpfootinsv@r
8499 \def\baselinestretch{\m@m@footnote@spacing}%
8500 \reset@font\RTLfoottextfont
8501 \hsize\columnwidth \@parboxrestore
8502 \protected@edef\@currentlabel{%
8503 \csname p@mpfootnote\endcsname\@thefnmark}%
8504 \color@begingroup
8505 \@tencolRTLfootfmt{#1}%
8506 \color@endgroup}%
8507 \m@mmf@prepare}

```



```

8508 \bidi@ensure@newcommand{\tencolumnfootstyle}[1]{%
8509   \m@make@tencolfootnotetext{#1}%
8510   \m@make@emptencolfootnotetext{#1}%
8511   \m@make@tencolfootfmt{#1}%
8512   \m@make@tencol@footgroup{#1}%
8513   \m@make@emptencol@footgroup{#1}%
8514   \m@make@footstart{#1}%
8515   \bidi@namelongdef{@footnotetext#1}##1{%
8516     \@nameuse{@tencolfootnotetext#1}{##1}}%
8517   \bidi@namelongdef{@mpfootnotetext#1}##1{%
8518     \@nameuse{@emptencolfootnotetext#1}{##1}}%
8519   \@namedef{@footgroup#1}{\@nameuse{@tencol@footgroup#1}}%
8520   \@namedef{@mp@footgroup#1}{\@nameuse{@emptencol@footgroup#1}}%
8521   \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8522   \expandafter\count\csname footins#1\endcsname=500\relax}
8523 \bidi@ensure@newcommand{\m@make@tencolfootnotetext}[1]{%
8524   \bidi@namelongdef{@tencolfootnotetext#1}##1{%
8525     \insert\@nameuse{footins#1}{%
8526       \def\baselinestretch{\m@m@footnote@spacing}%
8527       \reset@font\@nameuse{foottextfont#1}%
8528       \@preamfntext
8529       \protected@edef\@currentlabel{%
8530         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8531       \color@begingroup
8532       \@nameuse{@tencolfootfmt#1}{##1}%
8533       \color@endgroup}%
8534       \m@mmf@prepare}}
8535 \bidi@ensure@newcommand{\m@make@emptencolfootnotetext}[1]{%
8536   \bidi@namelongdef{@emptencolfootnotetext#1}##1{%
8537     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8538       \unvbox\@nameuse{@mpfootins#1}
8539       \def\baselinestretch{\m@m@footnote@spacing}%
8540       \reset@font\@nameuse{foottextfont#1}%
8541       \hsize\columnwidth \@parboxrestore
8542       \protected@edef\@currentlabel{%
8543         \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8544       \color@begingroup
8545       \@nameuse{@tencolfootfmt#1}{##1}%
8546       \color@endgroup}\m@mmf@prepare}}
8547 \bidi@ensure@newcommand{\m@make@tencolfootfmt}[1]{%
8548   \@namedef{@tencolfootfmt#1}##1{%
8549     \@preamtenfmt
8550     {\@nameuse{footfootmark#1}\strut
8551      {\@nameuse{foottextfont#1}{##1}\strut\par}\allowbreak}}
8552 \bidi@ensure@newcommand{\m@make@tencol@footgroup}[1]{%
8553   \@namedef{@tencol@footgroup#1}{%
8554     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8555     \m@rigrigidbodybalance{\@nameuse{footins#1}}{10}{\splittopskip}}}%
8556 \bidi@ensure@newcommand{\m@make@emptencol@footgroup}[1]{%
8557   \@namedef{@emptencol@footgroup#1}{%

```



```

8558 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8559 \m@r rigidbalance{\@nameuse{@mpfootins#1}}{10}{\splittopskip}}}}
8560 \bidi@ensure@newcommand{\m@munvxh}[1]{%
8561   \setbox0=\vbox{\unvbox#1%
8562     \global\setbox1=\lastbox}%
8563   \unhbox1
8564   \unskip
8565   \unskip
8566   \unpenalty
8567   \hskip\m@mipn@skip}
8568 \bidi@ensure@newcommand{\m@mungebox}{%
8569   \setbox0=\hbox{\m@munvxh0}%
8570   \dp0=\z@
8571   \ht0=\footfudgefactor\wd0
8572   \box0
8573   \penalty0}
8574 \newskip\m@mipn@skip
8575 \bidi@ensure@newcommand*{\m@minterparanoteglue}[1]{%
8576   {\foottextfont\global\m@mipn@skip=#1\relax}}
8577 \m@minterparanoteglue{1em plus.4em minus.4em}
8578 \ifpackageloaded{multicol}{%
8579 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8580   \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8581   \hsize\textwidth%
8582   \setbox0=\hbox{}}%
8583   \loop
8584     \unpenalty
8585     \setbox2=\lastbox
8586     \ifhbox2
8587       \setbox0=\hbox{\box2\unhbox0}
8588     \repeat}%
8589 }{%
8590 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8591   \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8592   \setbox0=\hbox{}}%
8593   \loop
8594     \unpenalty
8595     \setbox2=\lastbox
8596     \ifhbox2
8597       \setbox0=\hbox{\box2\unhbox0}
8598     \repeat}}
8599 \bidi@ensure@newcommand*{\m@mremovehboxes}{\setbox0=\lastbox
8600   \ifhbox0{\m@mremovehboxes}\unhbox0 \fi}
8601 \bidi@ensure@newcommand*{\footfudgefiddle}{64}
8602 \bidi@ensure@newcommand{\paragraphfootnotes}{%
8603   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8604   \let\@footnotetext\@parafootnotetext
8605   \let\@LTRfootnotetext\@paraLTRfootnotetext
8606   \let\@RTLfootnotetext\@paraRTLfootnotetext
8607   \dimen\footinsv@r=\footinsdim

```



```

8608 \count\footinsv@r=1000\relax
8609 \m@make@para@footgroup{v@r}%
8610 \let\@footgroupv@r\@para@footgroupv@r
8611 \let\@mpfootnotetext\@mpparafootnotetext
8612 \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
8613 \let\@mpRTLfootnotetext\@mpparaRTLfootnotetext
8614 \m@make@mppara@footgroup{v@r}%
8615 \let\mp@footgroupv@r\@mppara@footgroupv@r
8616 {\foottextfont
8617 \dimen0=\baselineskip
8618 \multiply\dimen0 by 1024
8619 \divide\dimen0 by \hsize \multiply\dimen0 by \footfudgefiddle
8620 \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }}}
8621 \bidi@ensure@newcommand{\@parafootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8622 \def\baselinestretch{\m@m@footnote@spacing}%
8623 \reset@font\foottextfont
8624 \@preamfntext
8625 \protected@edef\@currentlabel{%
8626 \csname p@footnote\endcsname\@thefnmark}%
8627 \setbox0=\vbox{\hsize=\maxdimen
8628 \color@begingroup
8629 \noindent \@parafootfmt{\if@RTL@footnote\beginR\else\beginL\fi#1\if@RTL@footnote\endR\else
8630 \color@endgroup}%
8631 \m@mungebox}\m@mmf@prepare}
8632 \bidi@ensure@newcommand{\@paraLTRfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8633 \def\baselinestretch{\m@m@footnote@spacing}%
8634 \reset@font\LTRfoottextfont
8635 \@preamfntext
8636 \protected@edef\@currentlabel{%
8637 \csname p@footnote\endcsname\@thefnmark}%
8638 \setbox0=\vbox{\hsize=\maxdimen
8639 \color@begingroup
8640 \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8641 \color@endgroup}%
8642 \m@mungebox}\m@mmf@prepare}
8643 \bidi@ensure@newcommand{\@paraRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8644 \def\baselinestretch{\m@m@footnote@spacing}%
8645 \reset@font\RTLfoottextfont
8646 \@preamfntext
8647 \protected@edef\@currentlabel{%
8648 \csname p@footnote\endcsname\@thefnmark}%
8649 \setbox0=\vbox{\hsize=\maxdimen
8650 \color@begingroup
8651 \noindent \@paraRTLfootfmt{\beginR#1\endR}%
8652 \color@endgroup}%
8653 \m@mungebox}\m@mmf@prepare}
8654 \bidi@ensure@newcommand{\@parafootfmt}[1]{%
8655 \parindent=\z@
8656 \parfillskip=Opt \@plus 1fil
8657 {\footfootmark\strut {\foottextfont #1}\penalty-10}}

```



```

8658 \bidi@ensure@newcommand{\@paraLTRfootfmt}[1]{%
8659   \parindent=\z@
8660   \parfillskip=Opt \@plus 1fil
8661   {\footfootmark\strut {\LTRfoottextfont #1}\penalty-10}}
8662 \bidi@ensure@newcommand{\@paraRTLfootfmt}[1]{%
8663   \parindent=\z@
8664   \parfillskip=Opt \@plus 1fil
8665   {\footfootmark\strut {\RTLfoottextfont #1}\penalty-10}}
8666 \bidi@ensure@newcommand{\@mpparafootnotetext}[1]{%
8667   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8668     \unvbox\@mpfootinsv@r
8669     \def\baselinestretch{\m@m@footnote@spacing}%
8670     \reset@font\foottextfont
8671     \hsize\columnwidth \@parboxrestore
8672     \protected@edef\@currentlabel{%
8673       \csname p@mpfootnote\endcsname\@thefnmark}%
8674     \setbox0=\vbox{\hsize=\maxdimen
8675       \color@begingroup
8676       \noindent \@parafootfmt{\if@RTL@footnote\beginR\else\beginL\fi#1\if@RTL@footnote\endR\else
8677       \color@endgroup}%
8678     \m@mungebox}\m@mmf@prepare}
8679 \bidi@ensure@newcommand{\@mpparaLTRfootnotetext}[1]{%
8680   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8681     \unvbox\@mpfootinsv@r
8682     \def\baselinestretch{\m@m@footnote@spacing}%
8683     \reset@font\LTRfoottextfont
8684     \hsize\columnwidth \@parboxrestore
8685     \protected@edef\@currentlabel{%
8686       \csname p@mpfootnote\endcsname\@thefnmark}%
8687     \setbox0=\vbox{\hsize=\maxdimen
8688       \color@begingroup
8689       \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8690     \color@endgroup}%
8691   \m@mungebox}\m@mmf@prepare}
8692 \bidi@ensure@newcommand{\@mpparaRTLfootnotetext}[1]{%
8693   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8694     \unvbox\@mpfootinsv@r
8695     \def\baselinestretch{\m@m@footnote@spacing}%
8696     \reset@font\RTLfoottextfont
8697     \hsize\columnwidth \@parboxrestore
8698     \protected@edef\@currentlabel{%
8699       \csname p@mpfootnote\endcsname\@thefnmark}%
8700     \setbox0=\vbox{\hsize=\maxdimen
8701       \color@begingroup
8702       \noindent \@paraRTLfootfmt{\beginR#1\endR}%
8703     \color@endgroup}%
8704   \m@mungebox}\m@mmf@prepare}
8705 \bidi@ensure@newcommand{\paragraphfootstyle}[1]{%
8706   \m@make@parafootnotetext{#1}%
8707   \m@make@mpparafootnotetext{#1}%

```



```

8708 \m@make@parafootfmt{#1}%
8709 \m@make@para@footgroup{#1}%
8710 \m@make@mppara@footgroup{#1}%
8711 \m@make@para@footstart{#1}%
8712 \bidi@namelongdef{@footnotetext#1}##1{%
8713   \@nameuse{@parafootnotetext#1}{##1}}%
8714 \bidi@namelongdef{@mpfootnotetext#1}##1{%
8715   \@nameuse{@mpparafootnotetext#1}{##1}}%
8716 \@namedef{@footgroup#1}{\@nameuse{@para@footgroup#1}}%
8717 \@namedef{@mp@footgroup#1}{\@nameuse{@mppara@footgroup#1}}%
8718 \@namedef{@footstart#1}{\@nameuse{@para@footstart#1}}%
8719 \expandafter\dimen\csname footins#1\endcsname=\footinsdim
8720 \expandafter\count\csname footins#1\endcsname=1000\relax
8721 {\@nameuse{foottextfont#1}}%
8722 \dimen0=\baselineskip
8723 \multiply\dimen0 by 1024
8724 \divide\dimen0 by \hsize \multiply\dimen0 by 64
8725 \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }%
8726 \bidi@ensure@newcommand{\m@make@parafootnotetext}[1]{%
8727 \bidi@namelongdef{@parafootnotetext#1}##1{%
8728   \insert\@nameuse{footins#1}{
8729     \def\baselinestretch{\m@m@footnote@spacing}%
8730     \reset@font\@nameuse{foottextfont#1}}%
8731   \@preamfntext
8732   \protected@edef\@currentlabel{%
8733     \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8734   \setbox0=\vbox{\hsize=\maxdimen
8735     \color@begingroup
8736       \noindent \@nameuse{@parafootfmt#1}{##1}%
8737     \color@endgroup}%
8738   \m@mungebox}\m@mmf@prepare}}
8739 \bidi@ensure@newcommand{\m@make@mpparafootnotetext}[1]{%
8740 \bidi@namelongdef{@mpparafootnotetext#1}##1{%
8741   \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8742     \unvbox\@nameuse{@mpfootins#1}
8743     \def\baselinestretch{\m@m@footnote@spacing}%
8744     \reset@font\@nameuse{foottextfont#1}}%
8745     \hsize\columnwidth \@parboxrestore
8746     \protected@edef\@currentlabel{%
8747       \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8748     \setbox0=\vbox{\hsize=\maxdimen
8749       \color@begingroup
8750         \noindent \@nameuse{@parafootfmt#1}{##1}%
8751       \color@endgroup}%
8752     \m@mungebox}\m@mmf@prepare}}
8753 \bidi@ensure@newcommand{\m@make@parafootfmt}[1]{%
8754 \bidi@namelongdef{@parafootfmt#1}##1{%
8755   \parindent=\z@
8756   \parfillskip=0pt \@plus 1fil
8757   {\@nameuse{footfootmark#1}}\strut

```



```

8758 {\@nameuse{foottextfont#1}##1}\penalty-10}}
8759 \bidi@ensure@newcommand{\m@make@para@footgroup}[1]{%
8760 \@namedef{@para@footgroup#1}{%
8761 \unvbox\@nameuse{footins#1}
8762 \m@mmakehboxofhboxes
8763 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8764 \@nameuse{foottextfont#1}%
8765 \noindent\unhbox0\par}}
8766 \bidi@ensure@newcommand{\m@make@mppara@footgroup}[1]{%
8767 \@namedef{@mppara@footgroup#1}{%
8768 \unvbox\@nameuse{@mpfootins#1}
8769 \m@mmakehboxofhboxes
8770 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8771 \@nameuse{foottextfont#1}%
8772 \noindent\unhbox0\par}}
8773 \bidi@ensure@newcommand{\m@make@para@footstart}[1]{%
8774 \@namedef{@para@footstart#1}{%
8775 \vskip\bigskipamount
8776 \leftskip=\z@
8777 \rightskip=\z@
8778 \parindent=\z@
8779 \vskip\skip\@nameuse{footins#1}%
8780 \footnoterule}}
8781 \bidi@ensure@newcommand*{\m@m@makecolfloats}{%
8782 \xdef\@freelist{\@freelist\@midlist}%
8783 \global\let\@midlist\@empty
8784 \@combinefloats}
8785 \bidi@ensure@newcommand*{\m@m@makecoltext}{%
8786 \ifvbox\@kludgeins
8787 \@makespecialcolbox
8788 \else
8789 \setbox\@outputbox \vbox to\@colht{%
8790 \@texttop
8791 \dimen@ \dp\@outputbox
8792 \unvbox \@outputbox
8793 \vskip -\dimen@
8794 \@textbottom}%
8795 \fi}
8796 \bidi@ensure@newcommand*{\m@m@makecolintro}{%
8797 \bidi@ensure@newcommand*{\m@mopfootnote}{\setbox\@outputbox \vbox{%
8798 \boxmaxdepth\@maxdepth
8799 \@tempdima\dp\@cclv
8800 \unvbox\@cclv
8801 \vskip-\@tempdima
8802 \vskip \skip\footins
8803 \color@begingroup
8804 \normalcolor
8805 \footnoterule
8806 \unvbox \footins
8807 \color@endgroup}}

```



```

8808 \bidi@ensure@newcommand*{\m@mopsidebar}{%
8809   \ifvoid\sideins\else
8810     \setbox\@outputbox \vbox{%
8811       \sidecontents
8812       \unvbox\@outputbox}
8813   \fi}
8814 \gdef\mem@makecol{%
8815   \m@m@makecolintro
8816   \ifvoid\footins
8817     \setbox\@outputbox \box\@cclv
8818   \else
8819     \m@mopfootnote
8820   \fi
8821   \m@m@doextrafeet
8822   \m@m@makecolfloats
8823   \m@m@mopsidebar
8824   \m@m@makecoltext
8825   \global \maxdepth \@maxdepth}
8826 \bidi@ensure@newcommand{\feetabovelfloat}{\gdef\@makecol{\mem@makecol}}
8827 \feetabovelfloat%

```

7.53 extreport-xetex-bidi.def

```

8828 \ProvidesFile{extreport-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extreport class for
8829 \renewcommand*\l@part[2]{%
8830   \ifnum \c@tocdepth >-2\relax
8831     \addpenalty{-\@highpenalty}%
8832     \addvspace{2.25em \@plus\p@}%
8833     \begingroup
8834       \setlength\@tempdima{3em}%
8835       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8836       \parfillskip -\@pnumwidth
8837       {\leavevmode
8838         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
8839       \nobreak
8840       \global\@nobreaktrue
8841       \everypar{\global\@nobreakfalse\everypar{}}%
8842     \endgroup
8843   \fi}
8844 \renewcommand*\l@chapter[2]{%
8845   \ifnum \c@tocdepth >\m@ne
8846     \addpenalty{-\@highpenalty}%
8847     \vskip 1.0em \@plus\p@
8848     \setlength\@tempdima{1.5em}%
8849     \begingroup
8850       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8851       \parfillskip -\@pnumwidth
8852       \leavevmode \bfseries
8853       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
8854       \hskip -\if@RTL\rightskip\else\leftskip\fi

```




```

8855      #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
8856      \penalty\@highpenalty
8857      \endgroup
8858      \fi}
8859 \def\@makechapterhead#1{%
8860   \vspace*{50\p@}%
8861   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
8862     \ifnum \c@secnumdepth >\m@ne
8863       \huge\bfseries \@chapapp\space \thechapter
8864       \par\nobreak
8865       \vskip 20\p@
8866     \fi
8867     \interlinepenalty\@M
8868     \Huge \bfseries #1\par\nobreak
8869     \vskip 40\p@
8870   }}
8871 \def\@makeschapterhead#1{%
8872   \vspace*{50\p@}%
8873   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
8874     \normalfont
8875     \interlinepenalty\@M
8876     \Huge \bfseries #1\par\nobreak
8877     \vskip 40\p@
8878   }}
8879 \renewcommand\left@footnoterule{%
8880   \kern-3\p@
8881   \hrule\@width.4\columnwidth
8882   \kern2.6\p@}
8883 \renewcommand\right@footnoterule{%
8884   \hbox to \columnwidth
8885   {\beginR \vbox{%
8886     \kern-3\p@
8887     \hrule\@width.4\columnwidth
8888     \kern2.6\p@}\hfil\endR}}
8889 \renewenvironment{thebibliography}[1]
8890   {\chapter*{\bibname
8891     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
8892   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
8893     \list{\@biblabel{\@arabic\c@enumiv}}%
8894     {\settowidth\labelwidth{\@biblabel{#1}}%
8895     \leftmargin\labelwidth
8896     \advance\leftmargin\labelsep
8897     \@openbib@code
8898     \usecounter{enumiv}%
8899     \let\p@enumiv\@empty
8900     \renewcommand\theenumiv{\@arabic\c@enumiv}}%
8901     \sloppy\clubpenalty4000\widowpenalty4000%
8902     \sfcode`.\@m}
8903   {\def\@noitemerr
8904     {\@latex@warning{Empty `thebibliography' environment}}}%

```



```

8905     \endlist}
8906 \if@titlepage
8907 \renewcommand\maketitle{\begin{titlepage}%
8908 \let\footnotesize\small
8909 \let\right@footnoterule\relax
8910 \let\left@footnoterule\relax
8911 \let\textwidth@footnoterule\relax
8912 \let \footnote \thanks
8913 \null\vfil
8914 \vskip 60\p@
8915 \begin{center}%
8916   {\LARGE \@title \par}%
8917   \vskip 3em%
8918   {\large
8919     \lineskip .75em%
8920     \begin{tabular}[t]{c}%
8921       \@author
8922     \end{tabular}\par}%
8923     \vskip 1.5em%
8924     {\large \@date \par}%           % Set date in \large size.
8925 \end{center}\par
8926 \@thanks
8927 \vfil\null
8928 \end{titlepage}%
8929 \setcounter{footnote}{0}%
8930 \global\let\thanks\relax
8931 \global\let\maketitle\relax
8932 \global\let\@thanks\@empty
8933 \global\let\@author\@empty
8934 \global\let\@date\@empty
8935 \global\let\@title\@empty
8936 \global\let\title\relax
8937 \global\let\author\relax
8938 \global\let\date\relax
8939 \global\let\and\relax
8940 }
8941 \else
8942 \renewcommand\maketitle{\par
8943 \begingroup
8944   \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
8945   \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
8946   \long\def\@makefntext##1{\parindent 1em\noindent
8947     \hb@xt@1.8em{%
8948       \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
8949   \if@twocolumn
8950     \ifnum \col@number=\@ne
8951       \@maketitle
8952     \else
8953       \twocolumn[\@maketitle]%
8954     \fi

```



```

8955 \else
8956 \newpage
8957 \global\@topnum\z@ % Prevents figures from going at top of page.
8958 \@maketitle
8959 \fi
8960 \thispagestyle{plain}\@thanks
8961 \endgroup
8962 \setcounter{footnote}{0}%
8963 \global\let\thanks\relax
8964 \global\let\maketitle\relax
8965 \global\let\@maketitle\relax
8966 \global\let\@thanks\@empty
8967 \global\let\@author\@empty
8968 \global\let\@date\@empty
8969 \global\let\@title\@empty
8970 \global\let\title\relax
8971 \global\let\author\relax
8972 \global\let\date\relax
8973 \global\let\and\relax
8974 }
8975 \def\@maketitle{%
8976 \newpage
8977 \null
8978 \vskip 2em%
8979 \begin{center}%
8980 \let \footnote \thanks
8981 {\LARGE \@title \par}%
8982 \vskip 1.5em%
8983 {\large
8984 \lineskip .5em%
8985 \begin{tabular}[t]{c}%
8986 \@author
8987 \end{tabular}\par}%
8988 \vskip 1em%
8989 {\large \@date}%
8990 \end{center}%
8991 \par
8992 \vskip 1.5em}
8993 \fi
8994 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
8995 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
8996 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
8997 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
8998 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
8999 \renewcommand\theequation{%
9000 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
9001 \renewcommand\thefigure{%
9002 \ifnum \c@chapter>\z@\thechapter\@SepMark\fi \@arabic\c@figure}
9003 \renewcommand\thetable{%
9004 \ifnum \c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}

```



7.54 fancybox-xetex-bidi.def

```
9005 \ProvidesFile{fancybox-xetex-bidi.def}[2013/05/01 v0.1 bidi adaptations for fancybox package for
9006 \def\fancy@oval#1#2#3{%
9007   \boxmaxdepth \maxdimen
9008   \@ovttrue \@ovbtrue \@ovltrue \@ovrtrue
9009   \@tfor\@tempa :=#3\do{\csname @ov\@tempa false\endcsname}%
9010   \@ovxx#1\relax
9011   \advance\@ovxx-\@wholewidth
9012   \@ovyy#2\relax
9013   \advance\@ovyy-\@wholewidth
9014   \@tempdimb \ifdim \@ovyy >\@ovxx \@ovxx\else \@ovyy \fi
9015   \advance\@tempdimb-2\p@
9016   \ifdim\@tempdimb>\the@cornersize\relax
9017     \@tempdimb=\the@cornersize
9018   \fi
9019   \@getcirc\@tempdimb
9020   \@ovro\ht\@tempboxa \@ovri\dp\@tempboxa
9021   \@ovdx\@ovxx \advance\@ovdx-\@tempdima \divide\@ovdx \tw@
9022   \@ovdy\@ovyy \advance\@ovdy-\@tempdima \divide\@ovdy \tw@
9023   \circlefnt
9024   \setbox\@tempboxa\hbox{\beginL%
9025     \if@ovr \@ovvert32\kern -\@tempdima \fi
9026     \if@ovl \kern \@ovxx \@ovvert01\kern -\@tempdima \kern -\@ovxx \fi
9027     \if@ovt \@ovhorz \kern -\@ovxx \fi
9028     \if@ovb \raise \@ovyy \@ovhorz \fi\endL}%
9029   \advance\@ovdx\@ovro
9030   \advance\@ovdy\@ovro
9031   \advance\@ovxx\@wholewidth
9032   \wd\@tempboxa=\@ovxx
9033   \dp\@tempboxa=\z@}
```

7.55 fancyhdr-xetex-bidi.def

```
9034 \ProvidesFile{fancyhdr-xetex-bidi.def}[2012/04/18 v0.4 bidi adaptations for fancyhdr package for
9035 \let\fnch@everypar\everypar%
9036 \def\@fancyhead#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hb
9037   \@fancyvbox\headheight{\hbox
9038     {\rlap{\parbox[b]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2\if@RTLma
9039       \parbox[b]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\else
9040       \llap{\parbox[b]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLma
9041 \def\@fancyfoot#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hb
9042   \@fancyvbox\footskip{\footrule
9043     \hbox{\rlap{\parbox[t]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2\if@RTLma
9044       \parbox[t]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\els
9045       \llap{\parbox[t]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLma
```

7.56 fix2col-xetex-bidi.def

```
9046 \ProvidesFile{fix2col-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for fix2col package for X
9047 \def\RTL@outputdblcol{%
9048   \if@firstcolumn
```



```

9049 \global\@firstcolumnfalse
9050 \global\setbox\@leftcolumn\copy\@outputbox
9051 \splitmaxdepth\maxdimen
9052 \vbadness\maxdimen
9053 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
9054 \toks@\expandafter{\topmark}%
9055 \xdef\@firstcoltopmark{\the\toks@}%
9056 \toks@\expandafter{\splitfirstmark}%
9057 \xdef\@firstcolfirstmark{\the\toks@}%
9058 \ifx\@firstcolfirstmark\@empty
9059 \global\let\@setmarks\relax
9060 \else
9061 \gdef\@setmarks{%
9062 \let\firstmark\@firstcolfirstmark
9063 \let\topmark\@firstcoltopmark}%
9064 \fi
9065 \else \global\@firstcolumntrue
9066 \setbox\@outputbox \vbox {\hbox to\textwidth {%
9067 \hskip \columnwidth
9068 \hfil \vrule width\columnseprule \hfil
9069 \hbox to\columnwidth {\box\@leftcolumn \hss}%
9070 \hskip -\textwidth
9071 \hbox to\columnwidth{\box\@outputbox \hss}%
9072 \hskip \columnsep
9073 \hskip \columnwidth }}%
9074 \@combinedblfloats \@setmarks \@outputpage
9075 \begingroup \@dblfloatplacement \@startdblcolumn
9076 \@whiles\if@fcolmade \fi
9077 {\@outputpage \@startdblcolumn }\endgroup
9078 \fi}
9079 \def\LTR@outputdblcol{%
9080 \if@firstcolumn
9081 \global\@firstcolumnfalse
9082 \global\setbox\@leftcolumn\copy\@outputbox
9083 \splitmaxdepth\maxdimen
9084 \vbadness\maxdimen
9085 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
9086 \toks@\expandafter{\topmark}%
9087 \xdef\@firstcoltopmark{\the\toks@}%
9088 \toks@\expandafter{\splitfirstmark}%
9089 \xdef\@firstcolfirstmark{\the\toks@}%
9090 \ifx\@firstcolfirstmark\@empty
9091 \global\let\@setmarks\relax
9092 \else
9093 \gdef\@setmarks{%
9094 \let\firstmark\@firstcolfirstmark
9095 \let\topmark\@firstcoltopmark}%
9096 \fi
9097 \else
9098 \global\@firstcolumntrue

```



```

g099 \setbox\@outputbox\vbox{%
g100 \hb@xt@\textwidth{%
g101 \hb@xt@\columnwidth{\box\@leftcolumn \hss}%
g102 \hfil
g103 \vrule \@width\columnseprule
g104 \hfil
g105 \hb@xt@\columnwidth{\box\@outputbox \hss}}}%
g106 \@combinedblfloats
g107 \@setmarks
g108 \@outputpage
g109 \begingroup
g110 \@dblfloatplacement
g111 \@startdblcolumn
g112 \@whiles\ifcolmade \fi{\@outputpage\@startdblcolumn}%
g113 \endgroup
g114 \fi}

```

7.57 fleqn-xetex-bidi.def

```

g115 \ProvidesFile{fleqn-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for fleqn tag for XeTeX eng
g116 \renewcommand\[{ \relax
g117 \ifmmode\@badmath
g118 \else
g119 \begin{trivlist}%
g120 \beginparpenalty\predisplaypenalty
g121 \endparpenalty\postdisplaypenalty
g122 \item[]\leavevmode
g123 \hb@xt@\linewidth\bgroup \beginL$\m@th\displaystyle %$
g124 \hskip\mathindent\bgroup
g125 \fi}
g126 \renewcommand\]{ \relax
g127 \ifmmode
g128 \egroup $\hfil% $
g129 \endL\egroup
g130 \end{trivlist}%
g131 \else \@badmath
g132 \fi}
g133 \renewenvironment{equation}%
g134 {\beginparpenalty\predisplaypenalty
g135 \endparpenalty\postdisplaypenalty
g136 \refstepcounter{equation}%
g137 \trivlist \item[]\leavevmode
g138 \hb@xt@\linewidth\bgroup\beginL $\m@th% $
g139 \displaystyle
g140 \hskip\mathindent}%
g141 {$\hfil % $
g142 \displaywidth\linewidth\hbox{\@eqnnum}%
g143 \endL\egroup
g144 \endtrivlist}

```



7.58 float-xetex-bidi.def

```
g145 \ProvidesFile{float-xetex-bidi.def}[2013/04/04 v0.2 bidi adaptations for float package for XeTeX]
g146 \renewcommand\floatc@plain[2]{\setbox\@tempboxa\hbox{\@fs@cfont #1:} #2}%
g147 \ifdim\wd\@tempboxa>\hsize {\@fs@cfont #1:} #2\par
g148 \else\hbox to\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}\fi}
g149 \def\float@newx#1[#2]{\@ifundefined{c@#1}{\newcounter{#1}[#2]%
g150 \expandafter\edef\csname the#1\endcsname{%
g151 \expandafter\noexpand\csname
g152 the#2\endcsname\@SepMark\noexpand\arabic{#1}}}%
g153 {\PackageWarning{float}{Can't redefine counter variable for #1.}}}
```

7.59 floatrow-xetex-bidi.def

```
g154 \ProvidesFile{floatrow-xetex-bidi.def}[2013/04/08 v0.1 bidi adaptations for floatrow package for XeTeX]
g155 \renewcommand\flnew@within[1]{\@addtoreset{FB@capttype}{#1}%
g156 \expandafter\edef\csname the\FB@capttype\endcsname{%
g157 \expandafter\noexpand\csname
g158 the#1\endcsname\@SepMark\noexpand\arabic{FB@capttype}}}
```

7.60 flowfram-xetex-bidi.def

```
g159 \ProvidesFile{flowfram-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for flowfram package for XeTeX]
g160 \def\@outputdblcol{%
g161 \@nxtcol=\c@thisframe
g162 \c@curpg=\c@page
g163 \@g@tnextcol{\@nxtcol}%
g164 \if@ff@nwpg % next flow frame starts on new page
g165 \global\@firstcolumntrue
g166 \@setcolbox\c@thisframe
g167 \if@specialpage
g168 \global\@specialpagefalse
g169 \@nameuse{ps@\@specialstyle}\relax
g170 \fi
g171 \if@twoside
g172 \ifodd\count\z@
g173 \let\@thehead\@oddhead
g174 \let\@thefoot\@oddfoot
g175 \else
g176 \let\@thehead\@evenhead
g177 \let\@thefoot\@evenfoot
g178 \fi
g179 \else
g180 \let\@thehead\@oddhead
g181 \let\@thefoot\@oddfoot
g182 \fi
g183 \@begindvi
g184 \@dodynamicthehead\@dodynamicthefoot
g185 \vbadness=\@M
g186 \setbox\@outputbox\vbbox{\hbox to \textwidth{\@ff@do@allframes}}%
g187 \@combinedblfloats
g188 \@outputpage}
```



```

g189 \advance\c@curpg by -\c@page\relax
g190 \whiledo{\c@curpg>0}{\advance\c@curpg by -1\relax
g191 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}}%
g192 \@outputpage}
g193 \begingroup
g194 \@dblfloatplacement
g195 \@startdblcolumn
g196 \@whilesw \if@fcolmade \fi
g197 {\@outputpage \@startdblcolumn }\endgroup
g198 \@resetst@tics
g199 \@resetdyn@mics
g200 \else % still on same page, save contents of box255
g201 \global\@firstcolumnfalse
g202 \@setcolbox\c@thisframe
g203 \fi
g204 \global\c@thisframe=\@nxtcol
g205 \@setcol{\c@thisframe}\relax
g206 \global\@colht\vsiz
g207 }
g208 \def\@outputpage{%
g209 \begingroup
g210 \let\protect\noexpand
g211 \@resetactivechars
g212 \global\let\@@if@newlist\if@newlist
g213 \global\@newlistfalse\@parboxrestore
g214 \shipout\vbox{\set@typeset@protect
g215 \aftergroup
g216 \endgroup
g217 \aftergroup
g218 \set@typeset@protect
g219 \reset@font\normalsize\normalsfcodes
g220 \let\label\@gobble
g221 \let\index\@gobble
g222 \let\glossary\@gobble
g223 \baselineskip\z@skip
g224 \lineskip\z@skip
g225 \lineskiplimit\z@
g226 \vskip\topmargin\moveright\@themargin
g227 \vbox{%
g228 \vskip\headheight
g229 \vskip\headsep
g230 \box\@outputbox
g231 }}%
g232 \global\let\if@newlist\@@if@newlist
g233 \stepcounter{page}%
g234 \setcounter{displayedframe}{0}%
g235 \let\firstmark\botmark}
g236
g237
g238 \newcommand*\bidi@s@tfftextcol{\ifthenelse{\equal{\ff@txtcol}{}}{\}{\%

```




```

9239 \expandafter\bidicolor\ff@txtcol}}
9240
9241 \newcommand{\bidi@ff@box}[3]{\@ffbackground{\vbox to#2
9242 {\hb@xt@ #1{\hss{\bidi@s@tffttextcol #3}\hss}\vss\kern\z@}}}}
9243
9244
9245 \renewcommand*{\@docolbox}[1]{%
9246 \edef\ff@frametype{%
9247 \csname @ff@frametype@\romannumeral#1\endcsname}%
9248 \edef\ff@col{\csname @ff@col@\romannumeral#1\endcsname}%
9249 \edef\ff@txtcol{\csname @ff@txtcol@\romannumeral#1\endcsname}%
9250 \edef\ff@backcol{\csname @ff@backcol@\romannumeral#1\endcsname}%
9251 \@ff@setoffset{#1}%
9252 \rotateframe{\csname @ff@angle@\romannumeral#1\endcsname}{%
9253 \ifthenelse{\boolean{columnframe\romannumeral#1}}{%
9254 \@ff@fbox{\csname colwidth\romannumeral#1\endcsname}%
9255 {\csname colheight\romannumeral#1\endcsname}{%
9256 \expandafter\box\csname column\romannumeral#1\endcsname}{%
9257 \csname\ff@frametype\endcsname}%
9258 }{%
9259 \bidi@ff@box{\csname colwidth\romannumeral#1\endcsname}%
9260 {\csname colheight\romannumeral#1\endcsname}{%
9261 \expandafter\box\csname column\romannumeral#1\endcsname}%
9262 }}}
9263 \@ifclassloaded{book}{%
9264 \renewcommand\theequation
9265 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9266 \renewcommand \thefigure
9267 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9268 \renewcommand \thetable
9269 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9270 \renewcommand \thechapter {\@arabic\c@chapter}
9271 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9272 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9273 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
9274 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9275 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
9276 \@ifclassloaded{report}{%
9277 \renewcommand\theequation
9278 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9279 \renewcommand \thefigure
9280 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9281 \renewcommand \thetable
9282 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9283 \renewcommand \thechapter {\@arabic\c@chapter}
9284 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9285 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9286 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
9287 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9288 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}

```



```

9289 \renewcommand{\rotateframe}[2]{\if@ttb@rotate
9290 \rotatebox{#1}{\if@RTL\beginL\fi#2\if@RTL\endL\fi}%
9291 \else
9292 #2\relax
9293 \fi}

```

7.61 footnote-xetex-bidi.def

```

9294 \ProvidesFile{footnote-xetex-bidi.def}[2013/04/26 v0.8 bidi footnote macros for XeTeX engine]
9295 \if@RTLmain\@RTL@footnotetrue\else\@RTL@footnotefalse\fi
9296 \newif\ifbidi@autofooterule
9297 \def\bidi@mpfootnoterule{\footnoterule}
9298 \newcounter{footdir@label}
9299 \renewcommand*{\thefootdir@label}{footdir@the\value{footdir@label}}
9300 \newcommand*{\footdir@write}{%
9301   \stepcounter{footdir@label}%
9302   \zref@labelbyprops{\thefootdir@label}{abspage}%
9303 }
9304 \newif\iffootdir@debug
9305 \newcommand*{\debugfootnotedirection}{\footdir@debugtrue}
9306 \newtoks\footdir@toks
9307 \newcommand*{\footdir@debug}[1]{%
9308   \iffootdir@debug
9309     \typeout{[footdir] #1}%
9310   \fi
9311 }
9312 \@ifpackagelater{zref-abspage}{2012/10/27}{%
9313   \newcommand*{\footdir@LeftRightElse}{%
9314     \ltx@ifundefined{footdir@the\value{zabspage}}{%
9315       \footdir@debug{abspage \the\value{zabspage}: else}%
9316       \ltx@thirdofthree
9317     }{%
9318       \if\csname footdir@the\value{zabspage}\endcsname L%
9319         \footdir@debug{abspage \the\value{zabspage}: left}%
9320         \expandafter\ltx@firstofthree
9321       \else
9322         \footdir@debug{abspage \the\value{zabspage}: right}%
9323         \expandafter\ltx@secondofthree
9324       \fi
9325     }%
9326   }%
9327 }{%
9328   \providecommand*{\c@zabspage}{\c@abspage}%
9329   \newcommand*{\footdir@LeftRightElse}{%
9330     \footdir@write
9331     \zifrefundefined{\thefootdir@label}{%
9332       \footdir@debug{abspage ??: else}%
9333       \ltx@thirdofthree
9334     }{%
9335       \edef\footdir@abspage{%

```



```

9336      \zref@extractdefault{\thefootdir@label}{abspage}{0}%
9337    }%
9338    \ltx@ifundefined{footdir@\footdir@abspage}{%
9339      \footdir@debug{\footdir@abspage: else}%
9340      \ltx@thirdofthree
9341    }{%
9342      \if\csname footdir@\footdir@abspage\endcsname L%
9343        \footdir@debug{\footdir@abspage: left}%
9344        \expandafter\ltx@firstofthree
9345      \else
9346        \footdir@debug{\footdir@abspage: right}%
9347        \expandafter\ltx@secondofthree
9348      \fi
9349    }%
9350  }%
9351 }%
9352 }
9353 \newcommand*{\footdir@fntext}[1]{%
9354   \zifrefundefined{\thefootdir@label}{%
9355     }{%
9356       \edef\footdir@name{%
9357         footdir@\zref@extractdefault{\thefootdir@label}{abspage}{0}%
9358       }%
9359       \@ifundefined{\footdir@name}{%
9360         \expandafter\gdef\csname\footdir@name\endcsname{#1}%
9361       }{%
9362         }%
9363     }
9364   }
9365   \newcommand*{\footdir@temp}[3]{%
9366     \@ifdefinable{#1}{%
9367       \let#1#2%
9368       \renewcommand{#2}[1]{%
9369         \footdir@write
9370         \footdir@fntext{#3}%
9371         \stepcounter{footdir@label}%
9372         \footdir@fntext{#3}%
9373         \footdir@toks{##1}%
9374         \footdir@toks\expandafter{%
9375           \the\expandafter\footdir@toks
9376         \expandafter
9377         \zref@labelbyprops\expandafter{\thefootdir@label}{abspage}%
9378       }%
9379       \expandafter#1\expandafter{\the\footdir@toks}%
9380     }%
9381   }%
9382 }
9383
9384 \def\right@footnoterule{%
9385   \hbox to \columnwidth

```



```

9386 {\beginR \vbox{\kern -3\p@
9387 \hrule width .4\columnwidth \kern2.6\p@}\hfil\endR}}
9388 \def\left@footnoterule{%
9389 \hrule width .4\columnwidth\kern 2.6\p@}
9390 \def\textwidth@footnoterule{\kern-3\p@
9391 \hrule \@width \columnwidth \kern 2.6\p@}
9392 \def\leftfootnoterule{%
9393 \bidi@autofootnoterulefalse%
9394 \def\footnoterule{\left@footnoterule}}
9395 \let\LRfootnoterule=\leftfootnoterule
9396 \def\rightfootnoterule{%
9397 \bidi@autofootnoterulefalse%
9398 \def\footnoterule{\right@footnoterule}}
9399 \def\textwidthfootnoterule{%
9400 \bidi@autofootnoterulefalse%
9401 \def\footnoterule{\textwidth@footnoterule}}
9402
9403
9404
9405 \def\auto@footnoterule{%
9406 \footdir@LeftRightElse%
9407 \left@footnoterule%
9408 \right@footnoterule%
9409 \left@footnoterule%
9410 }
9411
9412
9413
9414 \def\autofootnoterule{%
9415 \bidi@autofootnoteruletrue%
9416 \def\footnoterule{\auto@footnoterule}%
9417 }
9418
9419 \newcommand*\SplitFootnoteRule{%
9420 \gdef\split@prev{0}
9421 \let\pagefootnoterule\footnoterule
9422 \let\mpfootnoterule\footnoterule
9423 \def\splitfootnoterule{\kern-3\p@ \hrule \kern2.6\p@}
9424 \def\footnoterule{\relax
9425 \ifx \@listdepth\@mplistdepth
9426 \mpfootnoterule
9427 \else
9428 \ifnum\split@prev=\z@
9429 \pagefootnoterule
9430 \else
9431 \splitfootnoterule
9432 \fi
9433 \xdef\split@prev{\the\insertpenalties}%
9434 \fi
9435 }%

```



```

9436 }
9437
9438
9439
9440
9441 \def\RTLfootnote{\@ifnextchar[\@xRTLfootnote{\stepcounter\@mpfn
9442     \protected@xdef\@thefnmark{\thempfn}%
9443     \@footnotemark\@RTLfootnotetext}}
9444 \def\@xRTLfootnote[#1]{%
9445     \begingroup
9446     \csname c@\@mpfn\endcsname #1\relax
9447     \unrestored@protected@xdef\@thefnmark{\thempfn}%
9448     \endgroup
9449     \@footnotemark\@RTLfootnotetext}
9450 \def\LTRfootnote{\@ifnextchar[\@xLTRfootnote{\stepcounter\@mpfn
9451     \protected@xdef\@thefnmark{\thempfn}%
9452     \@footnotemark\@LTRfootnotetext}}
9453 \def\@xLTRfootnote[#1]{%
9454     \begingroup
9455     \csname c@\@mpfn\endcsname #1\relax
9456     \unrestored@protected@xdef\@thefnmark{\thempfn}%
9457     \endgroup
9458     \@footnotemark\@LTRfootnotetext}
9459
9460
9461 \def\setfootnoteRL{\@RTL@footnotetrue}
9462 \def\unsetfootnoteRL{\@RTL@footnotefalse}
9463 \def\setfootnoteLR{\unsetfootnoteRL}
9464
9465 \long\def\@footnotetext#1{\insert\footins{%
9466     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9467     \reset@font\footnotesize
9468     \interlinepenalty\interfootnotelinepenalty
9469     \splittopskip\footnotesep
9470     \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9471     \hsize\columnwidth \@parboxrestore
9472     \protected@edef\@currentlabel{%
9473         \csname p@footnote\endcsname\@thefnmark
9474     }%
9475     \color@begingroup
9476     \@makefntext{%
9477         \rule{z@\footnotesep}{\ignorespaces#1\@finalstrut\strutbox}}%
9478     \color@endgroup}}%
9479
9480
9481 \long\def\@RTLfootnotetext#1{\insert\footins{%
9482     \@RTLtrue%
9483     \reset@font\footnotesize
9484     \interlinepenalty\interfootnotelinepenalty
9485     \splittopskip\footnotesep

```



```

9486 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9487 \hsize\columnwidth \@parboxrestore
9488 \protected@edef\@currentlabel{%
9489 \csname p@footnote\endcsname\@thefnmark
9490 }%
9491 \color@begingroup
9492 \makefnfntext{%
9493 \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9494 \color@endgroup}}%
9495
9496 \long\def\@LTRfootnotetext#1{\insert\footins{%
9497 \RTLfalse%
9498 \reset@font\footnotesize
9499 \interlinepenalty\interfootnotelinepenalty
9500 \splittopskip\footnotesep
9501 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9502 \hsize\columnwidth \@parboxrestore
9503 \protected@edef\@currentlabel{%
9504 \csname p@footnote\endcsname\@thefnmark
9505 }%
9506 \color@begingroup
9507 \makefnfntext{%
9508 \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9509 \color@endgroup}}%
9510
9511 \AtBeginDocument{%
9512 \if@RTL@footnote
9513 \newcommand*{\bidi@footdir@footnote}{R}
9514 \else
9515 \newcommand*{\bidi@footdir@footnote}{L}
9516 \fi%
9517 }
9518
9519 \footdir@temp\footdir@ORG\bidi@footnotetext\@footnotetext{\bidi@footdir@footnote}%
9520 \footdir@temp\footdir@ORG\bidi@RTLfootnotetext\@RTLfootnotetext{R}%
9521 \footdir@temp\footdir@ORG\bidi@LTRfootnotetext\@LTRfootnotetext{L}%
9522
9523 \long\def\@mpRTLfootnotetext#1{%
9524 \ifbidi@autofooterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footno
9525 \global\setbox\@mpfootins\vbox{\@RTLtrue%
9526 \unvbox\@mpfootins
9527 \reset@font\footnotesize
9528 \hsize\columnwidth
9529 \@parboxrestore
9530 \protected@edef\@currentlabel
9531 {\csname p@mpfootnote\endcsname\@thefnmark}%
9532 \color@begingroup
9533 \makefnfntext{%
9534 \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9535 \color@endgroup}}

```



```

9536 \long\def\@mpLTRfootnotetext#1{%
9537 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\left@footnote
9538 \global\setbox\@mpfootins\vbox{\@RTLfalse%
9539 \unvbox\@mpfootins
9540 \reset@font\footnotesize
9541 \hsize\columnwidth
9542 \@parboxrestore
9543 \protected@edef\@currentlabel
9544 {\csname p@mpfootnote\endcsname\@thefnmark}%
9545 \color@begingroup
9546 \makefnmark{\%
9547 \rule\z@{\footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9548 \color@endgroup}}
9549 \long\def\@mpfootnotetext#1{%
9550 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\if@RTL@footnote\global\let\bidi@mpfootnoterule
9551 \global\setbox\@mpfootins\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9552 \unvbox\@mpfootins
9553 \reset@font\footnotesize
9554 \hsize\columnwidth
9555 \@parboxrestore
9556 \protected@edef\@currentlabel
9557 {\csname p@mpfootnote\endcsname\@thefnmark}%
9558 \color@begingroup
9559 \makefnmark{\%
9560 \rule\z@{\footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9561 \color@endgroup}}
9562 \def\@iiminipage#1#2[#3]#4{%
9563 \leavevmode
9564 \@pboxswfalse
9565 \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
9566 \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
9567 \setlength\@tempdima{#4}%
9568 \def\@mpargs{{#1}{#2}[#3]{#4}}%
9569 \setbox\@tempboxa\vbox\bgroup
9570 \color@begingroup
9571 \hsize\@tempdima
9572 \textwidth\hsize \columnwidth\hsize
9573 \@parboxrestore
9574 \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
9575 \let\@footnotetext\@mpfootnotetext
9576 \let\@LTRfootnotetext\@mpLTRfootnotetext
9577 \let\@RTLfootnotetext\@mpRTLfootnotetext
9578 \let\@listdepth\@mplistdepth \@mplistdepth\z@
9579 \@minipagerestore
9580 \@setminipage}
9581 \def\endminipage{%
9582 \par
9583 \unskip
9584 \ifvoid\@mpfootins\else
9585 \vskip\skip\@mpfootins

```



```

9586      \normalcolor
9587      \bidi@mpfootnoterule
9588      \unvbox\@mpfootins
9589      \fi
9590      \@minipagefalse    %% added 24 May 89
9591      \color@endgroup
9592      \egroup
9593      \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
9594 \def\LTRthanks#1{\footnotemark
9595      \protected@xdef\@thanks{\@thanks
9596          \protect\LTRfootnotetext[\the\c@footnote]{#1}}}%
9597 }
9598 \def\LTRfootnotetext{%
9599     \ifnextchar [\@xLTRfootnotenext
9600         {\protected@xdef\@thefnmark{\thempfn}%
9601         \@LTRfootnotetext}}
9602 \def\@xLTRfootnotenext[#1]{%
9603     \begingroup
9604         \csname c@\@mpfn\endcsname #1\relax
9605         \unrestored@protected@xdef\@thefnmark{\thempfn}%
9606     \endgroup
9607     \@LTRfootnotetext}
9608 \def\RTLthanks#1{\footnotemark
9609     \protected@xdef\@thanks{\@thanks
9610         \protect\RTLfootnotetext[\the\c@footnote]{#1}}}%
9611 }
9612 \let\@thanks\@empty
9613 \def\RTLfootnotetext{%
9614     \ifnextchar [\@xRTLfootnotenext
9615         {\protected@xdef\@thefnmark{\thempfn}%
9616         \@RTLfootnotetext}}
9617 \def\@xRTLfootnotenext[#1]{%
9618     \begingroup
9619         \csname c@\@mpfn\endcsname #1\relax
9620         \unrestored@protected@xdef\@thefnmark{\thempfn}%
9621     \endgroup
9622     \@RTLfootnotetext}
9623 \leftfootnoterule

```

7.62 framed-xetex-bidi.def

```

9624 \ProvidesFile{framed-xetex-bidi.def}[2012/06/05 v0.3 bidi adaptations for framed package for XeT
9625 \renewcommand\TitleBarFrame[3][\begingroup
9626     \ifx\delimiter#1\delimiter
9627         \let\TF@conlab\@empty
9628     \else
9629         \def\TF@conlab{% continuation label
9630             \nointerlineskip
9631             \smash{\rlap{\kern\wd\@tempboxa\kern\fbboxrule\kern\fbboxsep #1}}}%
9632     \fi

```




```

9633 %\let\TF@savecolor\current@color
9634 \textcolor{TF@FrameColor}{%
9635 \CustomFBox
9636 {\TF@Title{#2}}{\TF@conlab}%
9637 \fboxrule\fboxrule\fboxrule\fboxrule
9638 %{\let\current@color\TF@savecolor\set@color #3}%
9639 {\normalcolor #3}%
9640 }\endgroup
9641 }
9642 \renewenvironment{titled-frame}[1]{%
9643 \def\FrameCommand{\fboxsep8pt\fboxrule2pt
9644 \TitleBarFrame{\textbf{#1}}}%
9645 \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
9646 \TitleBarFrame[{$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1}}}%
9647 \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
9648 \TitleBarFrame[{$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1\ (cont)}}%
9649 \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
9650 \TitleBarFrame{\textbf{#1\ (cont)}}}%
9651 \MakeFramed{\advance\hsize-20pt \FrameRestore}}%
9652 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
9653 % could interfere with the width measurement.
9654 {\endMakeFramed}
9655 \chardef\FrameRestore=\catcode`\| % for debug
9656 \catcode`\|=\catcode`\% % (debug: insert space after backslash)
9657 \def\fb@put@frame#1#2{\relax
9658 \ifdim\pagegoal=\maxdimen \pagegoal\vsize \fi
9659 | \message{===== Entering putframe =====^~J
9660 | \pagegoal=\the\pagegoal, \pagetotal=\the\pagetotal. }%
9661 \ifinner
9662 \fb@putboxa#1%
9663 \fb@afterframe
9664 \else
9665 \dimen@\pagegoal \advance\dimen@-\pagetotal % natural space left on page
9666 \ifdim\dimen@<2\baselineskip % Too little room on page
9667 | \message{Page has only \the\dimen@\space room left; eject. }%
9668 \eject \fb@adjheight \fb@put@frame#1#2%
9669 \else % there's appreciable room left on the page
9670 \fb@sizeofframe#1%
9671 | \message{\string\pagetotal=\the\pagetotal,
9672 | \string\pagegoal=\the\pagegoal,
9673 | \string\pagestretch=\the\pagestretch,
9674 | \string\pageshrink=\the\pageshrink,
9675 | \string\fb@frh=\the\fb@frh. \space}
9676 | \message{^^JBox of size \the\ht@\tempboxa\space}%
9677 \begingroup % temporarily set \dimen@ to be...
9678 \advance\dimen@.8\pageshrink % maximum space available on page
9679 \advance\dimen@-\fb@frh\relax % max space available for frame's contents
9680 %%% LOOKS SUBTRACTED AND ADDED, SO DOUBLE ACCOUNTING!
9681 \expandafter\endgroup
9682 % expand \ifdim, then restore \dimen@ to real room left on page

```



```

9683 \ifdim\dimen@>\ht\@tempboxa % whole box does fit
9684 | \message{fits in \the\dimen@. }%
9685 % ToDo: Change this to use vsplit anyway to capture the marks
9686 % MERGE THIS WITH THE else CLAUSE!!!
9687 \fb@putboxa#1%
9688 \fb@afterframe
9689 \else % box must be split
9690 | \message{must be split to fit in \the\dimen@. }%
9691 % update frame measurement to use \FirstFrameCommand or \MidFrameCommand
9692 \fb@sizeofframe#2%
9693 \setbox\@tempboxa\vbox{% simulate frame and flexibility of the page:
9694 \vskip \fb@frh \@plus\pagestretch \@minus.8\pageshrink
9695 \kern137sp\kern-137sp\penalty-30
9696 \unvbox\@tempboxa}%
9697 \edef\fb@resto@set{\boxmaxdepth\the\boxmaxdepth
9698 \splittopskip\the\splittopskip}%
9699 \boxmaxdepth\z@ \splittopskip\z@
9700 | \message{^^JPadded box of size \the\ht\@tempboxa\space split to \the\dimen@}%
9701 % Split box here
9702 \setbox\tw@\vsplit\@tempboxa to\dimen@
9703 | \toks99\expandafter{\splitfirstmark}%
9704 | \toks98\expandafter{\splitbotmark}%
9705 | \message{Marks are: \the\toks99, \the\toks98. }%
9706 \setbox\tw@\vbox{\unvbox\tw@}% natural-sized
9707 | \message{Natural height of split box is \the\ht\tw@, leaving
9708 | \the\ht\@tempboxa\space remainder. }%
9709 % If the split-to size > (\vsize-\topskip), then set box to full size.
9710 \begingroup
9711 \advance\dimen@\topskip
9712 \expandafter\endgroup
9713 \ifdim\dimen@>\pagegoal
9714 | \message{Frame is big -- Use up the full column. }%
9715 \dimen@ii\pagegoal
9716 \advance\dimen@ii -\topskip
9717 \advance\dimen@ii \FrameHeightAdjust\relax
9718 \else % suspect this is implemented incorrectly:
9719 % If the split-to size > feasible room_on_page, rebox it smaller.
9720 \advance\dimen@.8\pageshrink
9721 \ifdim\ht\tw@>\dimen@
9722 | \message{Box too tall; rebox it to \the\dimen@. }%
9723 \dimen@ii\dimen@
9724 \else % use natural size
9725 \dimen@ii\ht\tw@
9726 \fi
9727 \fi
9728 % Re-box contents to desired size \dimen@ii
9729 \advance\dimen@ii -\fb@frh
9730 \setbox\tw@\vbox to\dimen@ii \bgroup
9731 % remove simulated frame and page flexibility:
9732 \vskip -\fb@frh \@plus-\pagestretch \@minus-.8\pageshrink

```



```

9733      \unvbox\tw@ \unpenalty\unpenalty
9734      \ifdim\lastkern=-137sp % whole box went to next page
9735 |      \message{box split at beginning! }%
9736      % need work here???
9737      \egroup \fb@resto@set \eject % (\vskip for frame size was discarded)
9738      \fb@adjheight
9739      \fb@put@frame#1#2% INSERTED ???
9740      \else % Got material split off at the head
9741      \egroup \fb@resto@set
9742      \ifvoid\@tempboxa % it all fit after all
9743 |      \message{box split at end! }%
9744      \setbox\@tempboxa\box\tw@
9745      \fb@putboxa#1%
9746      \fb@afterframe
9747      \else % it really did split
9748 |      \message{box split as expected. Its reboxed height is \the\ht\tw@. }%
9749      \ifdim\wd\tw@>\z@
9750      \wd\tw@\wd\@tempboxa
9751      \centerline{#2{\hboxL{\box\tw@}}}% ??? \centerline bad idea
9752      \else
9753 |      \message{Zero width means likely blank. Don't frame it (guess)}%
9754      \box\tw@
9755      \fi
9756      \hrule \@height\z@ \@width\hsize
9757      \eject
9758      \fb@adjheight
9759      \fb@put@frame\LastFrameCommand\MidFrameCommand
9760      \fi\fi\fi\fi\fi
9761 }
9762 \def\fb@putboxa#1{%
9763   \ifvoid\@tempboxa
9764     \PackageWarning{framed}{Boxa is void -- discard it. }%
9765   \else
9766 |     \message{Frame and place boxa. }%
9767 |     %{\showoutput\showbox\@tempboxa}%
9768     \centerline{#1{\hboxL{\box\@tempboxa}}}%
9769   \fi
9770 }
9771 \catcode`\|=\FrameRestore
9772 \def\FrameRestore{%
9773   \let\if@nobreak\iffalse
9774   \let\if@noskipsec\iffalse
9775   \let\-\@dischyph
9776   \let\'\@acci\let\`\@accii\let\=\@acciii
9777   % \message{FrameRestore:
9778   %   \@totalleftmargin=\the \@totalleftmargin,
9779   %   \rightmargin=\the\rightmargin,
9780   %   \@listdepth=\the\@listdepth. }%
9781   % Test if we are in a list (or list-like paragraph)
9782   \ifnum \ifdim\@totalleftmargin>\z@ 1\fi

```



```

9783         \ifdim\rightmargin>\z@ 1\fi
9784         \ifnum\@listdepth>\z@ 1\fi 0>\z@
9785 %     \message{In a list: \linewidth=\the\linewidth, \totalleftmargin=\the\totalleftmargin,
9786 %     \parshape=\the\parshape, \columnwidth=\the\columnwidth, \hsize=\the\hsize,
9787 %     \labelwidth=\the\labelwidth. }%
9788     \setminipage % snug fit around the item
9789 % Now try to propagate changes of width from \hsize to list parameters.
9790 % This is deficient, but a more advanced way to indicate modification to text
9791 % dimensions is not (yet) provided; in particular, no separate left/right
9792 % adjustment.
9793     \advance\linewidth-\columnwidth \advance\linewidth\hsize
9794     \parshape\@ne \totalleftmargin \linewidth
9795 \else % Not in list
9796     \linewidth=\hsize
9797     %\message{No list, set \string\linewidth=\the\hsize. }%
9798 \fi
9799 \sloppy
9800 }

```

7.63 ftnright-xetex-bidi.def

```

9801 \ProvidesFile{ftnright-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for ftnright package for
9802 \def\LTR@outputdblcol{\if@firstcolumn
9803     \global\@firstcolumnfalse
9804     \global\setbox\@leftcolumn\box\@outputbox
9805     \global\count\footins\@m
9806     \global\skip\footins\rcol@footinsskip
9807 \else \preparefootins
9808     \global\@firstcolumntrue
9809     \setbox\@outputbox\vbox{\hbox to\textwidth
9810         {\hbox to\columnwidth
9811             {\box\@leftcolumn\hss}}%
9812         \hfil\vrule\@width\columnseprule\hfil
9813         \hbox to\columnwidth
9814             {\box\@outputbox\hss}}}%
9815     \@combinedblfloats\@outputpage
9816     \begingroup
9817     \@dblfloatplacement\@startdblcolumn
9818     \@whiles\if@fcolmade\fi
9819     {\@outputpage\@startdblcolumn}%
9820     \endgroup
9821 \fi}
9822 \def\RTL@outputdblcol{\if@firstcolumn
9823     \global\@firstcolumnfalse
9824     \global\setbox\@leftcolumn\box\@outputbox
9825     \global\count\footins\@m
9826     \global\skip\footins\rcol@footinsskip
9827 \else \preparefootins
9828     \global\@firstcolumntrue
9829     \setbox\@outputbox\vbox{\hbox to\textwidth

```




```

9877 \box\tw@
9878 \fi\ifmmode\else\if@RTL\endL\fi\fi}
9879 \def\Gin@iii[#1,#2][#3,#4]#5{%
9880 \begingroup
9881 \ifmmode\else\if@RTL\beginL\fi\fi
9882 \Gin@bbboxtrue
9883 \Gin@defaultbp\Gin@llx{#1}%
9884 \Gin@defaultbp\Gin@lly{#2}%
9885 \Gin@defaultbp\Gin@urx{#3}%
9886 \Gin@defaultbp\Gin@ury{#4}%
9887 \Gin@include@graphics{#5}%
9888 \ifmmode\else\if@RTL\endL\fi\fi
9889 \endgroup}
9890 \def\Gin@ii[#1]#2{%
9891 \def\@tempa{[]}\def\@tempb{#2}%
9892 \ifx\@tempa\@tempb
9893 \def\@tempa{\Gin@iii[#1] []}%
9894 \expandafter\@tempa
9895 \else
9896 \begingroup
9897 \ifmmode\else\if@RTL\beginL\fi\fi
9898 \@tempswafalse
9899 \toks@{\Gin@include@graphics{#2}}%
9900 \setkeys{Gin}{#1}%
9901 \Gin@esetsize
9902 \the\toks@
9903 \ifmmode\else\if@RTL\endL\fi\fi
9904 \endgroup
9905 \fi}
9906 \def\reflectbox{\bidiGscale@box-1[1]}
9907 \long\def\bidiGscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
9908 \leavevmode
9909 \def\Gscale@x{#1}\def\Gscale@y{#2}%
9910 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}%
9911 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
9912 \ifdim#2\p<\z@
9913 \ht\tw@-#2\dp\z@
9914 \dp\tw@-#2\ht\z@
9915 \else
9916 \ht\tw@#2\ht\z@
9917 \dp\tw@#2\dp\z@
9918 \fi
9919 \ifdim#1\p<\z@
9920 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
9921 \else
9922 \wd\tw@#1\wd\z@
9923 \box\tw@
9924 \fi\ifmmode\else\if@RTL\endL\fi\fi}
9925 \def\scalebox#1{%
9926 \@ifnextchar[{\bidiGscale@box{#1}}{\bidiGscale@box{#1}[#1]}

```



```

9927 \def\resizebox{%
9928   \leavevmode
9929   \@ifstar{\bidiGscale@@box\totalheight}{\bidiGscale@@box\height}}
9930 \def\bidiGscale@@box#1#2#3{%
9931   \let\@tempa\Gin@exclamation
9932   \expandafter\def\expandafter\@tempb\expandafter{\string#2}%
9933   \expandafter\def\expandafter\@tempc\expandafter{\string#3}%
9934   \ifx\@tempb\@tempa
9935     \ifx\@tempc\@tempa
9936       \toks@{\mbox}%
9937     \else
9938       \toks@{\bidiGscale@box@dd{#3}#1}%
9939     \fi
9940   \else
9941     \ifx\@tempc\@tempa
9942       \toks@{\bidiGscale@box@dd{#2}\width}%
9943     \else
9944       \toks@{\bidiGscale@box@ddd{#2}\width{#3}#1}%
9945     \fi
9946   \fi
9947   \the\toks@}
9948 \long\def\bidiGscale@box@dd#1#2#3{%
9949   \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}%
9950   \setlength\@tempdima{#1}%
9951   \setlength\@tempdimb{#2}%
9952   \Gscale@div\@tempa\@tempdima\@tempdimb
9953   \Gscale@box\@tempa[\@tempa]{\box\@tempboxa}%
9954   \@end@tempboxa}
9955 \long\def\bidiGscale@box@ddd#1#2#3#4#5{%
9956   \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#5\if@RTL\endR\fi\else\if@RTL\beginR\fi#5\if@RTL\endR\fi}%
9957   \setlength\@tempdima{#1}%
9958   \setlength\@tempdimb{#2}%
9959   \Gscale@div\@tempa\@tempdima\@tempdimb
9960   \setlength\@tempdima{#3}%
9961   \setlength\@tempdimb{#4}%
9962   \Gscale@div\@tempb\@tempdima\@tempdimb
9963   \ifGin@iso
9964     \ifdim\@tempa\p@>\@tempb\p@
9965       \let\@tempa\@tempb
9966     \else
9967       \let\@tempb\@tempa
9968     \fi
9969   \fi
9970   \Gscale@box\@tempa[\@tempb]{\box\@tempboxa}%
9971   \@end@tempboxa}

```

7.65 geometry-xetex-bidi.def

```

9972 \ProvidesFile{geometry-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for geometry package for xetex]
9973 \renewcommand*\Gm@vrules@mpi{%

```



```

9974 \ifRTLmain%
9975     \hb@xt@{\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9976         \llap{\Gm@vrule}\ignorespaces
9977         \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9978         \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}%
9979     \else%
9980     \hb@xt@{\@tempdima{\llap{\Gm@vrule}\ignorespaces
9981         \hskip \textwidth\Gm@vrule\hskip \marginparsep
9982         \llap{\Gm@vrule}\hfil\Gm@vrule}\fi}%
9983 \renewcommand*{\Gm@vrules@mpii}{%
9984 \ifRTLmain%
9985     \hb@xt@{\@tempdima{\llap{\Gm@vrule}\ignorespaces
9986         \hskip \textwidth\Gm@vrule\hskip \marginparsep
9987         \llap{\Gm@vrule}\hfil\Gm@vrule}%
9988     \else%
9989     \hb@xt@{\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9990         \llap{\Gm@vrule}\ignorespaces
9991         \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9992         \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}\fi}%
9993

```

7.66 hvfloat-xetex-bidi.def

```

9994 \ProvidesFile{hvfloat-xetex-bidi.def}[2012/04/18 v0.2 bidi adaptations for hvfloat package for X
9995 \def\do@hvFloat[#1]#2#3{%
9996 \def\hv@shortCap{#1}
9997 \def\hv@longCap{#2}
9998 \def\hv@label{#3}
9999 %\newcommand*{\hvFloat}[5][[]]{%
10000 % [#1]: keyvalues
10001 % #2: type figure | table | ...
10002 % #3: float contents
10003 % [#4]: short caption
10004 % #5: caption
10005 % #6: label
10006 % \setDefaults%
10007 % \def\@tempa{#1}%
10008 % \ifx\@tempa\empty\else\setkeys{hvSet}{#1}\fi set options, only when not empty
10009 \def\@tempa{90}%
10010 \ifx\hvSet@rotAngle\@tempa \setlength{\hvMaxCapWidth}{\textheight}
10011 \else \setlength{\hvMaxCapWidth}{\linewidth}
10012 \fi
10013 %
10014 % First we save the object in \hvObjectBox
10015 %
10016 \ifx\hvSet@objectAngle\hv@Zero % rotate the object?
10017 \savebox{\hvObjectBox}{\ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}
10018 \else
10019 \savebox{\hvObjectBox}{%
10020 \rotatebox{\hvSet@objectAngle}{%

```




```

10021 \ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}}
10022 \fi
10023 \setlength{\hvObjectWidth}{\wd\hvObjectBox}
10024 %
10025 % Now we save the caption with its defined \hvCapWidth
10026 %
10027 \ifx\hvSet@capWidth\hv@Width\setlength{\hvCapWidth}{\hvObjectWidth}
10028 \else
10029 \ifx\hvSet@capWidth\hv@Height\setlength{\hvCapWidth}{\ht\hvObjectBox}
10030 \else
10031 \setlength{\hvCapWidth}{\hvObjectWidth}
10032 \ifx\hvSet@capPos\hv@Left\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
10033 \ifx\hvSet@capPos\hv@Right\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
10034 \ifdim\hvSet@capWidth\columnwidth<\hvMaxCapWidth
10035 \setlength{\hvCapWidth}{\hvSet@capWidth\columnwidth}
10036 \else
10037 \setlength{\hvCapWidth}{\hvMaxCapWidth}
10038 \fi
10039 \fi
10040 \fi
10041 %
10042 % now we have the object and the caption with the right
10043 % rotated angles saved in boxes
10044 %
10045 \def\fps@figure{\hvSet@floatPos}
10046 \ifhv@nonFloat\begin{group}% Start the nonfloat part
10047 \else \begin{\hv@floatType}% Start the floating environment
10048 \fi%
10049 \saveCaptionSkip% we put this space ourselves
10050 \ifx\hvSet@capAngle\hv@Width % need rotation?
10051 \sbox{\hvCaptionBox}{%
10052 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
10053 \ifhv@nonFloat%
10054 \ifhv@onlyText#2%
10055 \else%
10056 \ifx\hv@floatType\hv@figure
10057 \ifx\relax#1\relax \figcaption{#2}\else\figcaption[#1]{#2}\fi
10058 \else
10059 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[#1]{#2}\fi%
10060 \fi
10061 \fi
10062 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[#1]{#2}\fi%
10063 \fi%
10064 \label{#3}%
10065 \end{minipage}%
10066 }%
10067 \else%
10068 \sbox{\hvCaptionBox}{%
10069 \rotatebox{\hvSet@capAngle}{%
10070 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation

```



```

10071 \ifhv@nonFloat%
10072     \ifhv@onlyText#2%
10073     \else%
10074     \ifx\hv@floatType\hv@figure
10075         \ifx\relax#1\relax \figcaption{#2}\else\figcaption[#1]{#2}\fi
10076     \else
10077         \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[#1]{#2}\fi%
10078     \fi
10079 \fi
10080 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[#1]{#2}\fi%
10081     \fi%
10082     \label{#3}%
10083     \end{minipage}%
10084     }%
10085 }%
10086 \fi%
10087 %%
10088 \restoreCaptionSkip% save old values
10089 \ifx\hvSet@objectPos\hv@Right\ bidi@raggedleft%
10090 \else%
10091     \ifx\hvSet@objectPos\hv@Center
10092         \ifhv@nonFloat\hspace*{\fill}\else\centering\fi%
10093     \fi%
10094 \fi%
10095 %
10096 % to rotate object and caption together, we save all in another box
10097 % the caption comes first, if its on the left or the top
10098 %
10099 \savebox{\@tempboxa}{%
10100     \ifx\hvSet@capPos\hv@Left % caption on left side
10101     \if@RTL%
10102     \ifx\hvSet@capVPos\hv@Center%
10103     \ifhv@fbox
10104     \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10105     \else
10106     \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10107     \fi%
10108     \hspace{\hvSet@floatCapSep pt}%
10109     \ifhv@fbox
10110     \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10111     \else
10112     \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10113     \fi%
10114     \else%
10115     \ifx\hvSet@capVPos\hv@Top
10116     \ifhv@fbox
10117     \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10118     \else
10119     \raisebox{-\height}{\usebox{\hvObjectBox}}%
10120     \fi%

```



```

10121 \hspace{\hvSet@floatCapSep pt}%
10122 \ifhv@fbox
10123 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10124 \else
10125 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10126 \fi
10127 \else
10128 \ifhv@fbox
10129 \fbox{\usebox{\hvObjectBox}}%
10130 \else
10131 \usebox{\hvObjectBox}%
10132 \fi
10133 \hspace{\hvSet@floatCapSep pt}%
10134 \ifhv@fbox
10135 \fbox{\usebox{\hvCaptionBox}}%
10136 \else
10137 \usebox{\hvCaptionBox}%
10138 \fi%
10139 \fi%
10140 \fi%
10141 \else% not RTL
10142 \ifx\hvSet@capVPos\hv@Center%
10143 \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10144 \else \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10145 \fi%
10146 \hspace{\hvSet@floatCapSep pt}% capfloatsep
10147 \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10148 \else \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10149 \fi%
10150 \else%
10151 \ifx\hvSet@capVPos\hv@Top % caption at top
10152 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10153 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10154 \fi
10155 \hspace{\hvSet@floatCapSep pt}% capfloatsep
10156 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10157 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
10158 \fi%
10159 \else% caption on bottom
10160 \ifhv@fbox\fbox{\usebox{\hvCaptionBox}}
10161 \else\usebox{\hvCaptionBox}
10162 \fi%
10163 \hspace{\hvSet@floatCapSep pt}%
10164 \ifhv@fbox\fbox{\usebox{\hvObjectBox}}
10165 \else \usebox{\hvObjectBox}
10166 \fi%
10167 \fi%
10168 \fi% end of RTL
10169 \fi%
10170 \else

```



```

10171 \ifx\hvSet@capPos\hv@Top
10172 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10173 \begin{minipage}{\wd\hvCaptionBox}
10174 \else
10175 \begin{minipage}{\wd\hvObjectBox}
10176 \fi
10177 \centering
10178 \ifhv@fbox
10179 \fbox{\usebox{\hvCaptionBox}}\[\hvBelowCaptionSkip]
10180 \fbox{\usebox{\hvObjectBox}}
10181 \else
10182 \usebox{\hvCaptionBox}\[\hvBelowCaptionSkip]
10183 \usebox{\hvObjectBox}
10184 \fi%
10185 \end{minipage}
10186 \else
10187 \ifx\hvSet@capPos\hv@Bottom
10188 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10189 \begin{minipage}{\wd\hvCaptionBox}
10190 \else
10191 \begin{minipage}{\wd\hvObjectBox}
10192 \fi
10193 \centering
10194 \ifhv@fbox
10195 \fbox{\usebox{\hvObjectBox}}\[\hvAboveCaptionSkip]
10196 \fbox{\usebox{\hvCaptionBox}}
10197 \else
10198 \usebox{\hvObjectBox}\[\hvAboveCaptionSkip]
10199 \usebox{\hvCaptionBox}
10200 \fi%
10201 \end{minipage}
10202 \else% the last option: put the caption on the right
10203 \ifRTL%
10204 \ifx\hvSet@capVPos\hv@Center%
10205 \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10206 \else \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10207 \fi%
10208 \hspace{\hvSet@floatCapSep pt}% capfloatsep
10209 \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10210 \else \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10211 \fi%
10212 \else%
10213 \ifx\hvSet@capVPos\hv@Top % caption at top
10214 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10215 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10216 \fi
10217 \hspace{\hvSet@floatCapSep pt}% capfloatsep
10218 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10219 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
10220 \fi%

```



```

10221 \else% caption on bottom
10222 \ifhv@fbox\fbbox{\usebox{\hvCaptionBox}}
10223 \else\usebox{\hvCaptionBox}
10224 \fi%
10225 \hspace{\hvSet@floatCapSep pt}%
10226 \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
10227 \else \usebox{\hvObjectBox}
10228 \fi%
10229 \fi%
10230 \fi%
10231 \else% not RTL
10232 \ifx\hvSet@capVPos\hv@Center%
10233 \ifhv@fbox
10234 \fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}%
10235 \else
10236 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10237 \fi%
10238 \hspace{\hvSet@floatCapSep pt}%
10239 \ifhv@fbox
10240 \fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10241 \else
10242 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10243 \fi%
10244 \else%
10245 \ifx\hvSet@capVPos\hv@Top
10246 \ifhv@fbox
10247 \fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10248 \else
10249 \raisebox{-\height}{\usebox{\hvObjectBox}}%
10250 \fi%
10251 \hspace{\hvSet@floatCapSep pt}%
10252 \ifhv@fbox
10253 \fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10254 \else
10255 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10256 \fi
10257 \else
10258 \ifhv@fbox
10259 \fbbox{\usebox{\hvObjectBox}}%
10260 \else
10261 \usebox{\hvObjectBox}%
10262 \fi
10263 \hspace{\hvSet@floatCapSep pt}%
10264 \ifhv@fbox
10265 \fbbox{\usebox{\hvCaptionBox}}%
10266 \else
10267 \usebox{\hvCaptionBox}%
10268 \fi%
10269 \fi%
10270 \fi

```



```

10271 \fi% end of RTL
10272 \fi
10273 \fi
10274 \fi
10275 }% End savebox Object and caption
10276 %
10277 % now we rotate the object and caption, if needed
10278 %
10279 \ifx\hvSet@rotAngle\hv@Zero
10280 \usebox{\@tempboxa}
10281 \else
10282 \rotatebox{\hvSet@rotAngle}{\usebox{\@tempboxa}}
10283 \fi
10284 \ifhv@nonFloat
10285 \ifx\hvSet@objectPos\hv@Center
10286 \ifhv@nonFloat
10287 \hspace{\fill}
10288 \fi
10289 \fi
10290 \endgroup% End the nonfloat part
10291 \else
10292 \end{\hv@floatType}% End the floating environment
10293 \fi
10294 }

```

7.67 hyperref-xetex-bidi.def

```

10295 \ProvidesFile{hyperref-xetex-bidi.def}[2014/11/08 v0.8 bidi adaptations for hyperref package for
10296 \AtBeginDocument{%
10297 \def\contentsline#1#2#3#4{%
10298   \ifx\#4\%
10299     \csname l@#1\endcsname{#2}{#3}%
10300   \else
10301     \ifcase\Hy@linktoc % none
10302       \csname l@#1\endcsname{#2}{#3}%
10303     \or % section
10304       \csname l@#1\endcsname{%
10305         \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10306       }{#3}%
10307     \or % page
10308       \csname l@#1\endcsname{#2}{#3}%
10309       \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10310     }%
10311   \else % all
10312     \csname l@#1\endcsname{%
10313       \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10314     }{#3}%
10315     \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10316   }%
10317 \fi

```



```

10318 \fi
10319 }
10320 \ifHy@hyperfootnotes
10321 \let\H@@footnotetext\@footnotetext
10322 \let\HRTL@RTLfootnotetext\@RTLfootnotetext
10323 \let\HLTR@LTRfootnotetext\@LTRfootnotetext
10324 \def\@xfootnotenext[#1]{%
10325 \begingroup
10326 \csname c@\@mpfn\endcsname #1\relax
10327 \unrestored@protected@xdef\@thefnmark{\thempfn}%
10328 \endgroup
10329 \ifx\@footnotetext\@mpfootnotetext
10330 \expandafter\H@@mpfootnotetext
10331 \else
10332 \expandafter\H@@footnotetext
10333 \fi
10334 }%
10335 \def\@xRTLfootnotenext[#1]{%
10336 \begingroup
10337 \csname c@\@mpfn\endcsname #1\relax
10338 \unrestored@protected@xdef\@thefnmark{\thempfn}%
10339 \endgroup
10340 \ifx\@RTLfootnotetext\@mpRTLfootnotetext
10341 \expandafter\HRTL@mpRTLfootnotetext
10342 \else
10343 \expandafter\HRTL@RTLfootnotetext
10344 \fi
10345 }%
10346 \def\@xLTRfootnotenext[#1]{%
10347 \begingroup
10348 \csname c@\@mpfn\endcsname #1\relax
10349 \unrestored@protected@xdef\@thefnmark{\thempfn}%
10350 \endgroup
10351 \ifx\@LTRfootnotetext\@mplTRfootnotetext
10352 \expandafter\HLTR@mplTRfootnotetext
10353 \else
10354 \expandafter\HLTR@LTRfootnotetext
10355 \fi
10356 }%
10357 \def\@xfootnotemark[#1]{%
10358 \begingroup
10359 \c@footnote #1\relax
10360 \unrestored@protected@xdef\@thefnmark{\thefootnote}%
10361 \endgroup
10362 \H@@footnotemark
10363 }%
10364 \let\H@@mpfootnotetext\@mpfootnotetext
10365 \let\HRTL@mpRTLfootnotetext\@mpRTLfootnotetext
10366 \let\HLTR@mplTRfootnotetext\@mplTRfootnotetext
10367 \long\def\@mpfootnotetext#1{%

```



```

10368 \H@@mpfootnotetext{%
10369 \ifHy@nesting
10370 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10371 \else
10372 \Hy@raisedlink{%
10373 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10374 }#1%
10375 \fi
10376 }%
10377 }%
10378 \long\def\@mpRTLfootnotetext#1{%
10379 \HRTL@mpRTLfootnotetext{%
10380 \ifHy@nesting
10381 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10382 \else
10383 \Hy@raisedlink{%
10384 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10385 }#1%
10386 \fi
10387 }%
10388 }%
10389 \long\def\@mpLTRfootnotetext#1{%
10390 \HLTR@mpLTRfootnotetext{%
10391 \ifHy@nesting
10392 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10393 \else
10394 \Hy@raisedlink{%
10395 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10396 }#1%
10397 \fi
10398 }%
10399 }%
10400 \long\def\@footnotetext#1{%
10401 \H@@footnotetext{%
10402 \ifHy@nesting
10403 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10404 \else
10405 \Hy@raisedlink{%
10406 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10407 }%
10408 \let\@currentHlabel\Hy@footnote@currentHlabel
10409 \let\@currentHref\Hy@footnote@currentHref
10410 \let\@currentlabelname\@empty
10411 #1%
10412 \fi
10413 }%
10414 }%
10415 \long\def\@RTLfootnotetext#1{%
10416 \HRTL@RTLfootnotetext{%
10417 \ifHy@nesting

```




```

10418         \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10419     \else
10420         \Hy@raisedlink{%
10421             \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10422         }%
10423         \let\@currentHlabel\Hy@footnote@currentHlabel
10424         \let\@currentHref\Hy@footnote@currentHref
10425         \let\@currentlabelname\@empty
10426         #1%
10427     \fi
10428 }%
10429 }%
10430 \long\def\@LTRfootnotetext#1{%
10431     \HLTR@@LTRfootnotetext{%
10432         \ifHy@nesting
10433             \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10434         \else
10435             \Hy@raisedlink{%
10436                 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10437             }%
10438             \let\@currentHlabel\Hy@footnote@currentHlabel
10439             \let\@currentHref\Hy@footnote@currentHref
10440             \let\@currentlabelname\@empty
10441             #1%
10442         \fi
10443     }%
10444 }%
10445 \def\@footnotemark{%
10446     \leavevmode
10447     \ifhmode\edef\@x@sf{\the\spacefactor}\nobreak\fi
10448     \stepcounter{Hfootnote}%
10449     \global\let\Hy@saved@currentHlabel\@currentHlabel
10450     \global\let\Hy@saved@currentHref\@currentHref
10451     \hyper@makecurrent{Hfootnote}%
10452     \global\let\Hy@footnote@currentHlabel\@currentHlabel
10453     \global\let\Hy@footnote@currentHref\@currentHref
10454     \global\let\@currentHlabel\Hy@saved@currentHlabel
10455     \global\let\@currentHref\Hy@saved@currentHref
10456     \beginL\hyper@linkstart{link}{\Hy@footnote@currentHref}%
10457     \@makefnmark
10458     \hyper@linkend\endL
10459     \ifhmode\spacefactor\@x@sf\fi
10460     \relax
10461 }%
10462 \@ifpackageloaded{tabularx}{%
10463     \let\HyOrg@TX@endtabularx\TX@endtabularx
10464     \def\Hy@tabularx@hook{%
10465         \let\@footnotetext\H@@footnotetext
10466         \let\@LTRfootnotetext\HLTR@@LTRfootnotetext
10467         \let\@RTLfootnotetext\HRTL@@RTLfootnotetext

```



```

10468 \let\@footnotemark\H@\footnotemark
10469 \let\@mpfootnotetext\H@\mpfootnotetext
10470 \let\@mpLTRfootnotetext\HLTR@\mpLTRfootnotetext
10471 \let\@mpRTLfootnotetext\HRTL@\mpRTLfootnotetext
10472 }%
10473 \begingroup
10474 \toks@\expandafter{\TX@endtabularx}%
10475 \xdef\Hy@gtemp{%
10476 \noexpand\Hy@tabularx@hook
10477 \the\toks@
10478 }%
10479 \endgroup
10480 \let\TX@endtabularx\Hy@gtemp
10481 }{}%
10482 \@ifpackageloaded{longtable}{%
10483 \CheckCommand*\LT@p@LTRftntext}[1]{%
10484 \edef\@tempa{%
10485 \the\LT@p@ftn
10486 \noexpand\LTRfootnotetext[\the\c@footnote]}%
10487 }%
10488 \global\LT@p@ftn\expandafter{\@tempa{#1}}%
10489 }%
10490 \long\def\LT@p@LTRftntext#1{%
10491 \edef\@tempa{%
10492 \the\LT@p@ftn
10493 \begingroup
10494 \noexpand\c@footnote=\the\c@footnote\relax
10495 \noexpand\protected@xdef\noexpand\@thefnmark{%
10496 \noexpand\thempfn
10497 }%
10498 \noexpand\Hy@LT@LTRfootnotetext{%
10499 \Hy@footnote@currentHref
10500 }%
10501 }%
10502 \global\LT@p@ftn\expandafter{
10503 \@tempa{#1}%
10504 \endgroup
10505 }%
10506 }%
10507 \long\def\Hy@LT@LTRfootnotetext#1#2{%
10508 \HLTR@\LTRfootnotetext{%
10509 \ifHy@nesting
10510 \hyper@@anchor{#1}{#2}%
10511 \else
10512 \Hy@raisedlink{%
10513 \hyper@@anchor{#1}{\relax}%
10514 }%
10515 \def\@currentHref{#1}%
10516 \let\@currentlabelname\@empty
10517 #2%

```



```

10518         \fi
10519     }%
10520 }%
10521 \CheckCommand*{\LT@p@RTLftntext}[1]{%
10522     \edef\@tempa{%
10523         \the\LT@p@ftn
10524         \noexpand\RTLfootnotetext[\the\c@footnote]%
10525     }%
10526     \global\LT@p@ftn\expandafter{\@tempa{#1}}%
10527 }%
10528 \long\def\LT@p@RTLftntext#1{%
10529     \edef\@tempa{%
10530         \the\LT@p@ftn
10531         \begingroup
10532             \noexpand\c@footnote=\the\c@footnote\relax
10533             \noexpand\protected@xdef\noexpand\@thefnmark{%
10534                 \noexpand\thempfn
10535             }%
10536             \noexpand\Hy@LT@RTLfootnotetext{%
10537                 \Hy@footnote@currentHref
10538             }%
10539         }%
10540         \global\LT@p@ftn\expandafter{%
10541             \@tempa{#1}%
10542         }\endgroup
10543     }%
10544 }%
10545 \long\def\Hy@LT@RTLfootnotetext#1#2{%
10546     \HRTL@RTLfootnotetext{%
10547         \ifHy@nesting
10548             \hyper@@anchor{#1}{#2}%
10549         \else
10550             \Hy@raisedlink{%
10551                 \hyper@@anchor{#1}{\relax}%
10552             }%
10553             \def\@currentHref{#1}%
10554             \let\@currentlabelname\@empty
10555             #2%
10556         \fi
10557     }%
10558 }%
10559 }{}%
10560 \ifpackageloaded{bidipoem}{%
10561     \long\def\bidipoem@p@ftntext#1{%
10562         \edef\@tempx{%
10563             \the\bidipoem@p@ftn
10564             \begingroup
10565                 \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
10566                 \noexpand\protected@xdef\noexpand\@thefnmark{%
10567                     \noexpand\thempfn

```



```

10568     }%
10569     \noexpand\Hy@bidipoem@footnotetext{%
10570         \Hy@footnote@currentHref
10571     }%
10572 }%
10573 \global\bidipoem@p@ftn\expandafter{%
10574     \@tempxi{#1}%
10575 \endgroup
10576 }%
10577 }%
10578 \long\def\Hy@bidipoem@footnotetext#1#2{%
10579     \H@@footnotetext{%
10580         \ifHy@nesting
10581             \hyper@@anchor{#1}{#2}%
10582         \else
10583             \Hy@raisedlink{%
10584                 \hyper@@anchor{#1}{\relax}%
10585             }%
10586             \def\@currentHref{#1}%
10587             \let\@currentlabelname\@empty
10588             #2%
10589         \fi
10590     }%
10591 }%
10592 \long\def\bidipoem@p@LTRftntext#1{%
10593     \edef\@tempxi{%
10594         \the\bidipoem@p@ftn
10595     \begingroup
10596     \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
10597     \noexpand\protected@xdef\noexpand\@thefnmark{%
10598         \noexpand\thempfn
10599     }%
10600     \noexpand\Hy@bidipoem@LTRfootnotetext{%
10601         \Hy@footnote@currentHref
10602     }%
10603 }%
10604 \global\bidipoem@p@ftn\expandafter{%
10605     \@tempxi{#1}%
10606 \endgroup
10607 }%
10608 }%
10609 \long\def\Hy@bidipoem@LTRfootnotetext#1#2{%
10610     \HLTR@@LTRfootnotetext{%
10611         \ifHy@nesting
10612             \hyper@@anchor{#1}{#2}%
10613         \else
10614             \Hy@raisedlink{%
10615                 \hyper@@anchor{#1}{\relax}%
10616             }%
10617             \def\@currentHref{#1}%

```



```

10618         \let\@currentlabelname\@empty
10619         #2%
10620     \fi
10621 }%
10622 }%
10623     \long\def\bidipoem@p@RTLftntext#1{%
10624     \edef\@tempxi{%
10625     \the\bidipoem@p@ftn
10626     \begingroup
10627     \noexpand\csname c@\@mpfn\endcsname=\the\csname c@\@mpfn\endcsname\relax
10628     \noexpand\protected@xdef\noexpand\@thefnmark{%
10629     \noexpand\thempfn
10630     }%
10631     \noexpand\Hy@bidipoem@RTLfootnotetext{%
10632     \Hy@footnote@currentHref
10633     }%
10634     }%
10635     \global\bidipoem@p@ftn\expandafter{%
10636     \@tempxi{#1}%
10637     \endgroup
10638     }%
10639 }%
10640 \long\def\Hy@bidipoem@RTLfootnotetext#1#2{%
10641     \HRTL@RTLfootnotetext{%
10642     \ifHy@nesting
10643     \hyper@@anchor{#1}{#2}%
10644     \else
10645     \Hy@raisedlink{%
10646     \hyper@@anchor{#1}{\relax}%
10647     }%
10648     \def\@currentHref{#1}%
10649     \let\@currentlabelname\@empty
10650     #2%
10651     \fi
10652     }%
10653 }%
10654 }{}%
10655 \let\HyOrg@maketitle\maketitle
10656 \def\maketitle{%
10657     \let\Hy@saved@footnotemark\@footnotemark
10658     \let\Hy@saved@footnotetext\@footnotetext
10659     \let\HyRTL@saved@RTLfootnotetext\@RTLfootnotetext
10660     \let\HyLTR@saved@LTRfootnotetext\@LTRfootnotetext
10661     \let\@footnotemark\H@@footnotemark
10662     \let\@footnotetext\H@@footnotetext
10663     \let\@RTLfootnotetext\HRTL@RTLfootnotetext
10664     \let\@LTRfootnotetext\HLTR@LTRfootnotetext
10665     \@ifnextchar[\Hy@maketitle@optarg{% ]
10666     \HyOrg@maketitle
10667     \Hy@maketitle@end

```



```

10668 }%
10669 }%
10670 \def\Hy@maketitle@optarg[#1]{%
10671   \HyOrg@maketitle[#{#1}]%
10672   \Hy@maketitle@end
10673 }%
10674 \def\Hy@maketitle@end{%
10675   \ifx\@footnotemark\H@@footnotemark
10676     \let\@footnotemark\Hy@saved@footnotemark
10677   \fi
10678   \ifx\@footnotetext\H@@footnotetext
10679     \let\@footnotetext\Hy@saved@footnotetext
10680   \fi
10681   \ifx\@RTLfootnotetext\HRTL@@RTLfootnotetext
10682     \let\@RTLfootnotetext\HyRTL@saved@RTLfootnotetext
10683   \fi
10684   \ifx\@LTRfootnotetext\HLTR@@LTRfootnotetext
10685     \let\@LTRfootnotetext\HyLTR@saved@LTRfootnotetext
10686   \fi
10687 }%
10688 \def\realfootnote{%
10689   \@ifnextchar[\@xfootnote{%
10690     \stepcounter{\@mpfn}%
10691     \protected@xdef\@thefnmark{\thempfn}%
10692     \H@@footnotemark\H@@footnotetext
10693   }%
10694 }%
10695 \fi
10696 \def\hyper@link#1#2#3{%
10697   \ifmmode\else\beginL\fi\hyper@linkstart{#1}{#2}\ifmmode\else\if@RTL\beginR\fi\fi#3\ifmmode\else\endL\fi
10698 }
10699 \def\url@#1{\beginL\hyper@linkurl{\Hurl{#1}}{#1}\endL}
10700 \def\hyper@natlinkstart#1{%
10701   \Hy@backout{#1}%
10702   \beginL\hyper@linkstart{cite}{cite.#1}\if@RTL\beginR\fi%
10703   \def\hyper@nat@current{#1}%
10704 }
10705 \def\hyper@natlinkend{%
10706   \if@RTL\endR\fi\hyper@linkend\endL
10707 }
10708 \def\hyper@natlinkbreak#1#2{%
10709   \if@RTL\endR\fi\hyper@linkend\endL#1\beginL\hyper@linkstart{cite}{cite.#2}\if@RTL\beginR\fi%
10710 }%
10711 }
10712 \begingroup
10713   \catcode`\$=6 %
10714   \catcode`\#=12 %
10715   \gdef\href$1{\expandafter\href@split$1#\$\}%
10716   \gdef\href@split$1#$2#$3\$\$4{%
10717     \beginL\hyper@link$1$2$3{\if@RTL\beginR\fi$4\if@RTL\endR\fi}\endL%

```



```

10718 \endgroup
10719 }%
10720 \endgroup
10721 \pdfstringdefDisableCommands{%
10722 \let\LRE\@firstofone
10723 \let\LR\@firstofone
10724 \let\RLE\@firstofone
10725 \let\RL\@firstofone
10726 \def\XeTeX{Xe\TeX}
10727 \def\XeLaTeX{Xe\LaTeX}
10728 }
10729 \@ifpackageloaded{longtable}{%
10730 \begingroup
10731 \def\y{LT@array}%
10732 \@ifundefined{scr@LT@array}{%
10733 \def\adl@LT@array{}{\def\y{\adl@LT@array}}%
10734 }{\def\y{\scr@LT@array}}%
10735 \long\def\x\refstepcounter#1#2\@sharp#3#4\@nil{%
10736 \expandafter\endgroup
10737 \expandafter\def\y[##1]##2{%
10738 \H@refstepcounter{#1}%
10739 \hyper@makecurrent{table}%
10740 \let\Hy@LT@currentHref\@currentHref
10741 #2\@sharp###4%
10742 }%
10743 }%
10744 \expandafter\expandafter\expandafter\x\y[#{1}]{#2}\@nil
10745 \begingroup
10746 \def\x#1\ifvoid\LT@foot#2\fi#3\@nil{%
10747 \endgroup
10748 \def\LT@start{%
10749 #1%
10750 \ifvoid\LT@foot#2\fi
10751 \let\@currentHref\Hy@LT@currentHref
10752 \Hy@raisedlink{%
10753 \hyper@anchorstart{\@currentHref}\hyper@anchorend
10754 }%
10755 #3%
10756 }%
10757 }%
10758 \expandafter\x\LT@start\@nil
10759 }{}

```

7.68 leqno-xetex-bidi.def

```

10760 \ProvidesFile{leqno-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for leqno tag for XeTeX eng
10761 \renewcommand\@eqnnum{\hb@xt@.01\p@{}%
10762 \rlap{
10763 \hskip -\displaywidth{\normalfont\normalcolor\if@RTL\beginR\fi(\theequation)\fi}

```



7.69 letter-xetex-bidi.def

```

10764 \ProvidesFile{letter-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for standard letter class
10765 \renewcommand*{\opening}[1]{\ifx\@empty\fromaddress
10766   \thispagestyle{firstpage}%
10767   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
10768 \else % home address
10769   \thispagestyle{empty}%
10770   {\if@RTL\raggedright\else\raggedleft\fi\if@RTL\begin{tabular}{r@{}}\else\begin{tabular}{l@{}}
10771     \fromaddress \*[2\parskip]%
10772     \@date \end{tabular}\par}%
10773 \fi
10774 \vspace{2\parskip}%
10775 {\if@RTL\raggedleft\else\raggedright\fi \toname \ \ toaddress \par}%
10776 \vspace{2\parskip}%
10777 #1\par\nobreak}
10778 \renewcommand\left@footnoterule{%
10779   \kern-\p@
10780   \hrule \@width .4\columnwidth
10781   \kern .6\p@}
10782 \renewcommand\right@footnoterule{%
10783   \hbox to \columnwidth
10784   {\beginR \vbox{%
10785     \kern-\p@
10786     \hrule \@width .4\columnwidth
10787     \kern .6\p@}\hfil\endR}}

```

7.70 lettrine-xetex-bidi.def

```

10788 \ProvidesFile{lettrine-xetex-bidi.def}[2014/09/19 v0.4 bidi adaptations for lettrine package for
10789 \def\@lettrine[#1]#2#3{%
10790   \setcounter{L@lines}{\theDefaultLines}%
10791   \setcounter{L@depth}{\theDefaultDepth}%
10792   \renewcommand*{\L@hang}{\DefaultLhang}%
10793   \renewcommand*{\L@oversize}{\DefaultLoversize}%
10794   \renewcommand*{\L@raise}{\DefaultLraise}%
10795   \renewcommand*{\L@ante}{}%
10796   \setlength{\L@Findent}{\DefaultFindent}%
10797   \setlength{\L@Nindent}{\DefaultNindent}%
10798   \setlength{\L@slope}{\DefaultSlope}%
10799   \ifLettrineImage\L@imagetrue\else\L@imagefalse\fi
10800   \if\DefaultOptionsFile\relax
10801   \else
10802     \begingroup
10803     \InputIfFileExists{\DefaultOptionsFile}%
10804     {}%
10805     {\PackageWarning{lettrine.sty}%
10806       {File \DefaultOptionsFile\space not found}%
10807     }%
10808   \def\color##1##{\l@color{##1}}%
10809   \let\l@color\@gobbletwo

```




```

10810 \def\textcolor##1##{\l@textcolor{##1}}%
10811 \def\l@textcolor##1##2##3{##3}%
10812 \expandafter\ifx\csname l@#2-keys\endcsname\relax
10813 \gdef\l@LOKeys{%
10814 \else
10815 \xdef\l@LOKeys{\csname l@#2-keys\endcsname}%
10816 \fi
10817 \endgroup
10818 \def\KV@prefix{KV@L@}%
10819 \let\@tempc\relax
10820 \expandafter\KV@do\l@LOKeys,\relax,
10821 \sbox{\L@lbox}{\LettrineFont #2}%
10822 \setlength{\LettrineWidth}{\wd\L@lbox}%
10823 \def\KV@prefix{KV@L@}%
10824 \let\@tempc\relax
10825 \expandafter\KV@do\l@LOKeys,\relax,
10826 \fi
10827 \setkeys{L}{#1}%
10828 \ifL@image
10829 \sbox{\L@lbox}{\LettrineFontEPS{#2}}%
10830 \else
10831 \sbox{\L@lbox}{\LettrineFont #2}%
10832 \fi
10833 \sbox{\L@tbox}{\LettrineTextFont{#3}}%
10834 \@tempdima=\baselineskip
10835 \ifnum\theL@lines=1
10836 \setlength{\L@first}{\ht\L@lbox}%
10837 \addtolength{\L@first}{-\ht\L@tbox}%
10838 \setlength{\L@lraise}{\z@}%
10839 \else
10840 \setlength{\L@first}{-\theL@lines\@tempdima}%
10841 \addtolength{\L@first}{\@tempdima}%
10842 \sbox{\@tempboxa}{\LettrineTextFont x}%
10843 \addtolength{\L@first}{-\ht\@tempboxa}%
10844 \setlength{\L@lraise}{-\L@raise\L@first}%
10845 \addtolength{\L@first}{\L@lraise}%
10846 \addtolength{\L@first}{\ht\L@lbox}%
10847 \addtolength{\L@lraise}{-\theL@lines\@tempdima}%
10848 \addtolength{\L@lraise}{\@tempdima}%
10849 \fi
10850 \par
10851 \ifdim\L@first>0.2\p@\vskip\L@first\fi
10852 \setlength{\L@Pindent}{\wd\L@lbox}%
10853 \addtolength{\L@Pindent}{-\L@hang\wd\L@lbox}%
10854 \settowidth{\L@first}{\L@ante}%
10855 \addtolength{\L@Pindent}{\L@first}%
10856 \addtolength{\L@Pindent}{\L@Findent}%
10857 \setlength{\L@first}{\linewidth}%
10858 \addtolength{\L@first}{-\L@Pindent}%
10859 \addtolength{\L@Nindent}{\L@Pindent}%

```



```

10860 \setlength{\L@next}{\linewidth}%
10861 \addtolength{\L@next}{-\L@Nindent}%
10862 \addtolength{\L@Pindent}{\rightmargin}%
10863 \addtolength{\L@Nindent}{\rightmargin}%
10864 \setlength{\LettrineWidth}{\wd\L@lbox}%
10865 \setlength{\LettrineHeight}{\ht\L@lbox}%
10866 \setlength{\LettrineDepth}{\dp\L@lbox}%
10867 \addtocounter{L@lines}{1}%
10868 \addtocounter{L@lines}{\the\c@L@depth}%
10869 \ifRTL\def\L@parshape{\c@L@lines Opt \the\L@first}\else\def\L@parshape{\c@L@lines \the\L@Pindent}%
10870 \@tempcnta=\tw@
10871 \@whilenum \@tempcnta<\c@L@lines\do{%
10872   \ifRTL\edef\L@parshape{\L@parshape Opt \the\L@next}\else\edef\L@parshape{\L@parshape \the\L@next}%
10873   \addtolength{\L@Nindent}{\L@slope}%
10874   \addtolength{\L@next}{-\L@slope}%
10875   \advance\@tempcnta\@ne}%
10876 \ifRTL \edef\L@parshape{\L@parshape Opt \the\linewidth}\else\edef\L@parshape{\L@parshape \ri
10877 \noindent
10878 \parshape=\L@parshape\relax
10879 \smash{\llap{\mbox{\L@ante}\raisebox{\L@lraise}{\usebox{\L@lbox}}}%
10880 \hskip \the\L@Findent}}%
10881 \usebox{\L@tbox}%
10882 }

```

7.71 listings-xetex-bidi.def

```

10883 \ProvidesFile{listings-xetex-bidi.def}[2014/07/19 v0.6 bidi adaptations for listings package for
10884 \lst@Key{captiondirection}{textdirection}{%
10885   \lstKV@SwitchCases{#1}%
10886   {textdirection&\\%
10887     RTL&\chardef\bidi@lst@caption@direction\@ne\\%
10888     LTR&\chardef\bidi@lst@caption@direction\@z}%
10889   }{\PackageError{Listings}{direction #1 unknown}\@ehc}}
10890 \newcommand*{\bidi@lst@ensure@caption@direction}[2]{%
10891   \ifundefined\bidi@lst@caption@direction}{%
10892     \ifnum\bidi@lst@caption@direction=\@z%
10893       #1%
10894     \else%
10895       \ifnum\bidi@lst@caption@direction=\@ne%
10896         #2%
10897       \fi%
10898     \fi%
10899 }}
10900 \long\def\bidi@lst@makecaption#1#2{%
10901   \vskip\abovecaptionskip
10902   \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%
10903   \sbox\@tempboxa{%
10904     \bidi@lst@ensure@caption@direction{\beginL}{\beginR}%
10905     #1: #2%
10906     \bidi@lst@ensure@caption@direction{\endL}{\endR}%

```



```

10907 }%
10908 \ifdim \wd\@tempboxa >\hsize
10909   #1: #2\par
10910 \else
10911   \global \@minipagefalse
10912   \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
10913 \fi
10914 \vskip\belowcaptionskip}%
10915 \def\lst@makecaption{\@bidi\lst@makecaption}
10916 \def\lst@maketitle{\@bidi\lst@makecaption\lst@title@dropdelim}
10917 \AtBeginDocument{%
10918 \ifundefined{captionlabelfalse}{\}%
10919 \def\lst@maketitle{\captionlabelfalse\@bidi\lst@makecaption\@empty}}%
10920 \ifundefined{caption@startrue}{\}%
10921 \def\lst@maketitle{\caption@startrue\@bidi\lst@makecaption\@empty}}%
10922 }
10923 \AtBeginDocument{
10924 \ifundefined{thechapter}{\let\lst@ifnumberbychapter\iffalse}{\%
10925 \lst@ifnumberbychapter
10926   \gdef\thelstlisting%
10927   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@lstlisting}
10928 \else
10929   \gdef\thelstlisting{\@arabic\c@lstlisting}
10930 \fi}

```

7.72 loadingorder-xetex-bidi.def

```

10931 \ProvidesFile{loadingorder-xetex-bidi.def}[2013/05/22 v0.95 making sure that bidi is the last pa
10932 \bidi@isloaded{amsmath}
10933 \bidi@isloaded{amstext}
10934 \bidi@isloaded{amsthm}
10935 \bidi@isloaded{breqn}
10936 \bidi@isloaded{cals}
10937 \bidi@isloaded{caption}
10938 \bidi@isloaded{crop}
10939 \bidi@isloaded{cuted}
10940 \bidi@isloaded{cutwin}
10941 \bidi@isloaded{color}
10942 \bidi@isloaded{dblfnote}
10943 \bidi@isloaded{xcolor}
10944 \bidi@isloaded{colortbl}
10945 \bidi@isloaded{float}
10946 \bidi@isloaded{floatrow}
10947 \bidi@isloaded{flowfram}
10948 \bidi@isloaded{framed}
10949 \bidi@isloaded{ftnright}
10950 \bidi@isloaded{xltextra}
10951 \bidi@isloaded{xunicode}
10952 \bidi@isloaded{wrapfig}
10953 \bidi@isloaded{graphicx}

```



```

10954 \bidi@isloaded{geometry}
10955 \bidi@isloaded{hvfloat}
10956 \bidi@isloaded{mdframed}
10957 \bidi@isloaded{midfloat}
10958 \bidi@isloaded{ntheorem}
10959 \bidi@isloaded{ntheorem-hyper}
10960 \bidi@isloaded{hyperref}
10961 \bidi@isloaded{fancybox}
10962 \bidi@isloaded{fancyhdr}
10963 \bidi@isloaded{fix2col}
10964 \bidi@isloaded{draftwatermark}
10965 \bidi@isloaded{empheq}
10966 \bidi@isloaded{pdfpages}
10967 \bidi@isloaded{listings}
10968 \bidi@isloaded{lettrine}
10969 \bidi@isloaded{pstricks}
10970 \bidi@isloaded{pgf}
10971 \bidi@isloaded{picinpar}
10972 \bidi@isloaded{quotchap}
10973 \bidi@isloaded{tikz}
10974 \bidi@isloaded{titlesec}
10975 \bidi@isloaded{titletoc}
10976 \bidi@isloaded{array}
10977 \bidi@isloaded{stabular}
10978 \bidi@isloaded{subfig}
10979 \bidi@isloaded{subfigure}
10980 \bidi@isloaded{supertabular}
10981 \bidi@isloaded{xtab}
10982 \bidi@isloaded{longtable}
10983 \bidi@isloaded{arydshln}
10984 \bidi@isloaded{multicol}
10985 \bidi@isloaded{multienum}
10986 \bidi@isloaded{minitoc}
10987 \bidi@isloaded{natbib}
10988 \bidi@isloaded{newfloat}
10989 \bidi@isloaded{ragged2e}
10990 \bidi@isloaded{rotating}
10991 \bidi@isloaded{tabls}
10992 \bidi@isloaded{tabulary}
10993 \bidi@isloaded{tocstyle}
10994 \bidi@isloaded{tocbibind}
10995 \bidi@isloaded{fontspec}
10996 \bidi@isloaded{arabxetex}
10997 \bidi@isloaded{polyglossia}
10998 \bidi@isloaded{fancyvrb}
10999 \AtBeginDocument{
11000   \if@bidi@amsmathloaded@ \else
11001     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsmath after bidi package. F
11002     \fi%
11003     \if@bidi@amstextloaded@ \else

```



```

11004 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amstext after bidi package. Ple
11005 \fi%
11006 \if@bidi@amsthmloaded@else
11007 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsthm after bidi package. Ple
11008 \fi%
11009 \if@bidi@breqnloaded@else
11010 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package breqn after bidi package. Ple
11011 \fi%
11012 \if@bidi@calsloaded@else
11013 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cals after bidi package. Plea
11014 \fi%
11015 \if@bidi@captionloaded@else
11016 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package caption after bidi package. P
11017 \fi%
11018 \if@bidi@croploaded@else
11019 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package crop after bidi package. Plea
11020 \fi%
11021 \if@bidi@colorloaded@else
11022 \@ifpackageloaded{hyperref}{}{%
11023 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package color after bidi package. Ple
11024 \fi%
11025 \if@bidi@cutwinloaded@else
11026 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cutwin after bidi package. Pl
11027 \fi%
11028 \if@bidi@cutedloaded@else
11029 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cuted after bidi package. Ple
11030 \fi%
11031 \if@bidi@dblfnoteloaded@else
11032 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package dblfnote after bidi package.
11033 \fi%
11034 \if@bidi@xcolorloaded@else
11035 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xcolor after bidi package. Pl
11036 \fi%
11037 \if@bidi@colortblloaded@else
11038 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package colortbl after bidi package.
11039 \fi%
11040 \if@bidi@floatloaded@else
11041 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package float after bidi package. Ple
11042 \fi%
11043 \if@bidi@floatrowloaded@else
11044 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package floatrow after bidi package.
11045 \fi%
11046 \if@bidi@flowframloaded@else
11047 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package flowfram after bidi package.
11048 \fi%
11049 \if@bidi@framedloaded@else
11050 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package framed after bidi package. Pl
11051 \fi%
11052 \if@bidi@ftnrightloaded@else
11053 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ftnright after bidi package.

```



```

11054 \fi%
11055 \if@bidi@xltxttrloaded@else
11056 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xltextra after bidi package.
11057 \fi%
11058 \if@bidi@xunicodeloaded@else
11059 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xunicode after bidi package.
11060 \fi%
11061 \if@bidi@wrapfigloaded@else
11062 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package wrapfig after bidi package.
11063 \fi%
11064 \if@bidi@graphicxloaded@else
11065 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package graphicx after bidi package.
11066 \fi%
11067 \if@bidi@geometryloaded@else
11068 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package geometry after bidi package.
11069 \fi%
11070 \if@bidi@hvffloatloaded@else
11071 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hvffloat after bidi package.
11072 \fi%
11073 \if@bidi@mdframedloaded@else
11074 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package mdframed after bidi package.
11075 \fi%
11076 \if@bidi@midfloatloaded@else
11077 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package midfloat after bidi package.
11078 \fi%
11079 \if@bidi@ntheoremloaded@else
11080 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ntheorem after bidi package.
11081 \fi%
11082 \if@bidi@hyperrefloaded@else
11083 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hyperref after bidi package.
11084 \fi%
11085 \if@bidi@fancyboxloaded@else
11086 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancybox after bidi package.
11087 \fi%
11088 \if@bidi@fancyhdrloaded@else
11089 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyhdr after bidi package.
11090 \fi%
11091 \if@bidi@draftwatermarkloaded@else
11092 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package draftwatermark after bidi pa
11093 \fi%
11094 \if@bidi@empheqloaded@else
11095 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package empheq after bidi package.
11096 \fi%
11097 \if@bidi@pdfpagesloaded@else
11098 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pdfpages after bidi package.
11099 \fi%
11100 \if@bidi@lettrineloaded@else
11101 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lettrine after bidi package.
11102 \fi%
11103 \if@bidi@listingsloaded@else

```



```

11104 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package listings after bidi package.
11105 \fi%
11106 \if@bidi@pstricksloaded@else
11107 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pstricks after bidi package.
11108 \fi%
11109 \if@bidi@pgfloaded@else
11110 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pgf after bidi package. Pleas
11111 \fi%
11112 \if@bidi@picinparloaded@else
11113 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package picinpar after bidi package.
11114 \fi%
11115 \if@bidi@quotchaploaded@else
11116 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package quotchap after bidi package.
11117 \fi%
11118 \if@bidi@tikzloaded@else
11119 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tikz after bidi package. Pleas
11120 \fi%
11121 \if@bidi@titlesecloaded@else
11122 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titlesec after bidi package.
11123 \fi%
11124 \if@bidi@titletocloaded@else
11125 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titletoc after bidi package.
11126 \fi%
11127 \if@bidi@arrayloaded@else
11128 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package array after bidi package. Ple
11129 \fi%
11130 \if@bidi@stabularloaded@else
11131 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package stabular after bidi package.
11132 \fi%
11133 \if@bidi@subfigloaded@else
11134 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfig after bidi package. PL
11135 \fi%
11136 \if@bidi@subfigureloaded@else
11137 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfigure after bidi package
11138 \fi%
11139 \if@bidi@supertabularloaded@else
11140 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package supertabular after bidi pack
11141 \fi%
11142 \if@bidi@xtabloaded@else
11143 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xtab after bidi package. Plea
11144 \fi%
11145 \if@bidi@longtableloaded@else
11146 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package longtable after bidi package
11147 \fi%
11148 \if@bidi@arydshlnloaded@else
11149 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arydshln after bidi package.
11150 \fi%
11151 \if@bidi@multicolloaded@else
11152 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multicol after bidi package.
11153 \fi%

```



```

11154 \if@bidi@multienumloaded@\else
11155 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multienum after bidi package. P
11156 \fi%
11157 \if@bidi@minitocloaded@\else
11158 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package minitoc after bidi package. P
11159 \fi%
11160 \if@bidi@natbibloaded@\else
11161 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package natbib after bidi package. P
11162 \fi%
11163 \if@bidi@newfloatloaded@\else
11164 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package newfloat after bidi package.
11165 \fi%
11166 \csname if@bidi@ragged2eloaded@endcsname\else
11167 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ragged2e after bidi package.
11168 \fi%
11169 \if@bidi@rotatingloaded@\else
11170 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package rotating after bidi package.
11171 \fi%
11172 \if@bidi@tblsloaded@\else
11173 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tbls after bidi package. Pl
11174 \fi%
11175 \if@bidi@tabularyloaded@\else
11176 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tabulary after bidi package.
11177 \fi%
11178 \if@bidi@tocstyleloaded@\else
11179 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocstyle after bidi package.
11180 \fi%
11181 \if@bidi@tocbibindloaded@\else
11182 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbibind after bidi package
11183 \fi%
11184 \if@bidi@fontspecloaded@\else
11185 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fontspec after bidi package.
11186 \fi%
11187 \if@bidi@arabxetexloaded@\else
11188 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arabxetex after bidi package
11189 \fi%
11190 \if@bidi@polyglossialoaded@\else
11191 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package polyglossia after bidi packa
11192 \fi%
11193 \if@bidi@fancyvrbloaded@\else
11194 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyvrb after bidi package.
11195 \fi%
11196 }

```

7.73 longtable-xetex-bidi.def

```

11197 \ProvidesFile{longtable-xetex-bidi.def}[2013/04/01 v0.3 bidi adaptations for longtable package f
11198 \def\LT@array[#1]#2{%
11199 \refstepcounter{table}\stepcounter{LT@tables}%
11200 \if l#1%

```




```

11201 \if@RTLtab\LTleft\fill \Ltright\z@\else\LTleft\z@ \Ltright\fill\fi
11202 \else\if r#1%
11203 \if@RTLtab\LTleft\z@ \Ltright\fill\else\LTleft\fill \Ltright\z@\fi
11204 \else\if c#1%
11205 \LTleft\fill \Ltright\fill
11206 \fi\fi\fi
11207 \let\LT@mc\multicolumn
11208 \let\LT@@tabarray\@tabarray
11209 \let\LT@hl\hline
11210 \def\@tabarray{%
11211 \let\hline\LT@hl
11212 \LT@@tabarray}%
11213 \let\\LT@tabularcr\let\tabularnewline\\%
11214 \def\newpage{\noalign{\break}}%
11215 \def\pagebreak{\noalign{\ifnum`}=0\fi\@testopt{\LT@no@pgbk-}4}%
11216 \def\nopagebreak{\noalign{\ifnum`}=0\fi\@testopt{\LT@no@pgbk4}}%
11217 \let\hline\LT@hl \let\kill\LT@kill\let\caption\LT@caption
11218 \@tempdima\ht\strutbox
11219 \let\@endpbox\LT@endpbox
11220 \ifx\extrarowheight\@undefined
11221 \let\@acol\@tabacol
11222 \let\@classz\@tabclassz \let\@classiv\@tabclassiv
11223 \def\@startpbox{\vtop\LT@startpbox}%
11224 \let\@@startpbox\@startpbox
11225 \let\@@endpbox\@endpbox
11226 \let\LT@LL@FM@cr\@tabularcr
11227 \else
11228 \advance\@tempdima\extrarowheight
11229 \col@sep\tabcolsep
11230 \let\@startpbox\LT@startpbox\let\LT@LL@FM@cr\@arraycr
11231 \fi
11232 \setbox\@arstrutbox\hbox{\vrule
11233 \@height \arraystretch \@tempdima
11234 \@depth \arraystretch \dp \strutbox
11235 \@width \z@}%
11236 \let\@sharp#\let\protect\relax
11237 \begingroup
11238 \mkpream{#2}%
11239 \xdef\LT@bchunk{%
11240 \global\advance\c@LT@chunks\@ne
11241 \global\LT@rows\z@\setbox\z@\vbox\bgroup
11242 \LT@setprevdepth
11243 \tabskip\LTleft \noexpand\halign to\hsize\bgroup
11244 \tabskip\z@ \@arstrut \@preamble \tabskip\Ltright \cr}%
11245 \endgroup
11246 \expandafter\LT@nofcols\LT@bchunk&\LT@nofcols
11247 \LT@make@row
11248 \m@th\let\par\@empty
11249 \everycr{}\lineskip\z@\baselineskip\z@
11250 \LT@bchunk}

```



```

11251 \def\LT@makecaption#1#2#3{%
11252   \LT@mc\LT@cols c{\hbox to\z@{\hss\parbox[t]{\LTcapwidth{%
11253     \sbox\@tempboxa{\if@RTL\beginR\fi#1{#2: }#3\if@RTL\endR\fi}%
11254     \ifdim\wd\@tempboxa>\hsize
11255       #1{#2: }#3%
11256     \else
11257       \hbox to\hsize{\hfil\box\@tempboxa\hfil}}%
11258   \fi
11259   \endgraf\vskip\baselineskip}%
11260 \hss}}
11261 \def\LT@startpbox#1{%
11262   \bgroup
11263   \let\@footnotetext\LT@p@ftntext
11264   \let\@LTRfootnotetext\LT@p@LTRftntext
11265   \let\@RTLfootnotetext\LT@p@RTLftntext
11266   \setlength\hsize{#1}%
11267   \@arrayparboxrestore
11268   \vrule \@height \ht\@arstrutbox \@width \z@}
11269 \def\LT@p@LTRftntext#1{%
11270   \edef\@tempa{\the\LT@p@ftn\noexpand\LTRfootnotetext[\the\c@footnote]]}%
11271   \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
11272 \def\LT@p@RTLftntext#1{%
11273   \edef\@tempa{\the\LT@p@ftn\noexpand\RTLfootnotetext[\the\c@footnote]]}%
11274   \global\LT@p@ftn\expandafter{\@tempa{#1}}}%

```

7.74 mdframed-xetex-bidi.def

```

11275 \ProvidesFile{mdframed-xetex-bidi.def}[2013/09/22 v0.4 bidi adaptations for mdframed package for
11276 \newif\if@bidi@mdf@RTL
11277 \def\mdf@lrbox#1{%
11278   \mdf@patchamsthm\patch amsthm
11279   \if@RTL\@bidi@mdf@RTLtrue\fi%
11280   \@RTLfalse%
11281   \setbox#1\vbox\bgroup%
11282   \color@begingroup%
11283   \if@bidi@mdf@RTL\@RTLtrue\fi%
11284   \mdf@horizontalmargin@equation%
11285   \columnwidth=\hsize%
11286   \textwidth=\hsize%
11287   \let\if@nobreak\iffalse%
11288   \let\if@noskipsec\iffalse%
11289   \let\par\@par%
11290   \let\-\@dischyph%
11291   \let'\@acci\let'\@accii\let\=\@acciii%
11292   \parindent\z@ \parskip\z@skip%
11293   \linewidth\hsize%
11294   \@totalleftmargin\z@%
11295   \leftskip\z@skip \rightskip\z@skip \@rightskip\z@skip%
11296   \parfillskip\@flushglue \lineskip\normallineskip%
11297   \baselineskip\normalbaselineskip%

```



```

11298 %% \sloppy%
11299 \let\\@normalcr%
11300 \mdf@par@local%New feature to restore parskip/parindent local in save box
11301 \ifbool{mdf@suppressfirstparskip}{\vspace*{-\parskip}}{}%
11302 \afterindentfalse%
11303 %\afterheading%
11304 }
11305 \renewrobustcmd\mdfframetitleenv[1]{%
11306 \mdf@lrbox{\mdf@frametitlebox}%
11307 \mdf@frametitlealignment%
11308 \leavevmode{\color{\mdf@frametitlefontcolor}}%
11309 \normalfont\mdf@frametitlefont{#1}
11310 \ifbool{mdf@ignorelastdescenders}%
11311 {%
11312 \par\strut\par
11313 \unskip\unskip\setbox0=\lastbox
11314 \vspace*{\dimexpr\ht\strutbox-\baselineskip\relax}%
11315 }{}%
11316 \par\unskip\ifvmode\nointerlineskip\hrule \@height\z@ \@width\hsize\fi%%
11317 \endmdf@lrbox\relax%
11318 \mdf@ignorevbadness%
11319 \setbox\mdf@frametitlebox=\vbox{\unvbox\mdf@frametitlebox}%
11320 \mdfframetitleboxwidth=\wd\mdf@frametitlebox\relax%
11321 \mdfframetitleboxheight=\ht\mdf@frametitlebox\relax%
11322 \mdfframetitleboxdepth=\dp\mdf@frametitlebox\relax%
11323 \mdfframetitleboxtotalheight=\dimexpr
11324 \ht\mdf@frametitlebox
11325 +\dp\mdf@frametitlebox%
11326 +\mdf@frametitleaboveskip@length
11327 +\mdf@frametitlebelowskip@length
11328 \relax%
11329 }
11330
11331 \renewrobustcmd*\mdf@footnoteoutput{%
11332 \ifvoid\@mpfootins\else%
11333 \nobreak%
11334 \vskip\mdf@footnotedistance@length%
11335 \normalcolor%
11336 \bidi@mpfootnoterule%
11337 \unvbox\@mpfootins%
11338 \fi%
11339 }
11340
11341
11342 \renewrobustcmd*\mdf@footnoteinput{%
11343 \def\@mpfn{mpfootnote}%
11344 \def\thempfn{\thempfootnote}%
11345 \c@mpfootnote\z@%
11346 \let\@footnotetext\@mpfootnotetext%
11347 \let\@LTRfootnotetext\@mplTRfootnotetext%

```



```

11348 \let\@RTLfootnotetext\@mpRTLfootnotetext%
11349 }

```

7.75 memoir-xetex-bidi.def

```

11350 \ProvidesFile{memoir-xetex-bidi.def}[2010/07/25 v0.5 bidi adaptations for memoir class for XeTeX]
11351 \renewcommand{\keepthetitle}{%
11352   \@bsmtitleempty
11353   \global\let\thanks\relax
11354   \global\let\LTRthanks\relax
11355   \global\let\RTLthanks\relax
11356   \global\let\and\relax
11357   \global\let\andnext\relax
11358   \global\let\@thanks\@empty
11359   \global\let\@title\@empty
11360   \global\let\@author\@empty
11361   \global\let\@date\@empty}
11362 \renewcommand{\maketitle}{\par
11363   \begingroup
11364     \@bsmarkseries
11365     \def\@makefnmark{\@textsuperscript{%
11366       \normalfont\@bsthanksheadpre \tamark \@bsthanksheadpost}}}%
11367     \long\def\@makefntext##1{\makethanksmark ##1}
11368     \if@twocolumn
11369       \ifnum \col@number=\@ne
11370         \@maketitle
11371       \else
11372         \twocolumn[\@maketitle]%
11373       \fi
11374     \else
11375       \ifdim\pagetotal>\z@
11376         \newpage
11377       \fi
11378       \global\@topnum\z@
11379       \@maketitle
11380     \fi
11381     \thispagestyle{title}\@thanks
11382   \endgroup
11383   \@bscontmark % \setcounter{footnote}{0}%
11384 }
11385 \renewcommand*{\memRTLleftskip}{\if@RTL\righskip\else\leftskip\fi}
11386 \renewcommand*{\memRTLrightskip}{\if@RTL\leftskip\else\righskip\fi}
11387 \renewcommand*{\memRTLvleftskip}{\if@RTL\vrightskip\else\vleftskip\fi}
11388 \renewcommand*{\memRTLvrightskip}{\if@RTL\vleftskip\else\vrightskip\fi}
11389 \renewcommand*{\memRTLraggedright}{\if@RTL\raggedleft\else\raggedright\fi}
11390 \renewcommand*{\memRTLraggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
11391 \renewcommand*{\thesection}{\thechapter\@SepMark\@arabic\c@section}
11392 \renewcommand*{\thesubsection}{%
11393   \thesection\@SepMark\@arabic\c@subsection}
11394 \renewcommand*{\thesubsubsection}{%

```



```

11395         \thesubsection\@SepMark\@arabic\c@subsubsection}
11396 \renewcommand*{\theparagraph}{%
11397         \thesubsubsection\@SepMark\@arabic\c@paragraph}
11398 \renewcommand*{\thesubparagraph}{%
11399         \theparagraph\@SepMark\@arabic\c@subparagraph}
11400 \renewcommand{\setthesection}{\thechapter\@SepMark\Alph{section}}
11401 \renewcommand{\theequation}{%
11402     \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
11403 \renewcommand{\thefigure}{\thechapter\@SepMark\@arabic\c@figure}
11404 \renewcommand{\thetable}{\thechapter\@SepMark\@arabic\c@table}
11405 \ifartopt
11406     \chapterstyle{article}
11407     \counterwithout{figure}{chapter}
11408     \counterwithout{table}{chapter}
11409     \counterwithout{footnote}{chapter}
11410     \counterwithout{equation}{chapter}
11411     \renewcommand{\chaptername}{\@}
11412     \renewcommand{\maketitlehookb}{%
11413         \vskip -1.5\topsep\vskip -1.5\partopsep}
11414     \renewcommand{\maketitlehookc}{%
11415         \vskip -1.5\topsep\vskip -1.5\partopsep}
11416 \fi
11417 \long\def\@makecaption#1#2{\let\@memtempa\relax
11418     \ifdim\prevdepth>-99\p@ \vskip\abovecaptionskip
11419     \else \def\@memtempa{\vbox to\topskip{}}\fi
11420     \let\@contfnote\footnote \renewcommand{\footnote}[2]{}{}
11421     \let\@contfmark\footnotemark \renewcommand{\footnotemark}[1]{}{}
11422     \sbox\@tempboxa{\@contnfont #1\@contdelim \@conttfont #2\@contfinal}
11423     \let\footnote\@contfnote
11424     \let\footnotemark\@contfmark
11425     \ifdim\wd\@tempboxa<\linewidth \centering \fi
11426     \if@contcw
11427         \centering
11428         \parbox{\@contcwidth}{%
11429             \ifdim\wd\@tempboxa<\@contcwidth \centering \fi
11430         }
11431     \ifdim\wd\@tempboxa<\linewidth
11432         \@contpre
11433         {\@contnfont #1\@contdelim}\@memtempa
11434         {\@contcshortstyle \@conttfont #2\@contfinal\par}
11435     \else
11436         \if@conthang
11437             \sbox\@tempboxa{\@contnfont #1\@contdelim}
11438             \@contpre%
11439             {\@contcstyle\hangindent=\wd\@tempboxa
11440                 \noindent\box\@tempboxa\@memtempa \@conttfont #2\@contfinal\par}
11441         \else
11442             \if@contindent
11443                 \@contpre%
11444                 {\@contnfont #1\@contdelim}\@memtempa

```



```

11445      {\@contcstyle\hangindent=\@contindw
11446        \hangafter=\@ne\@conttfont #2\@contfinal\par}% <- v1.4
11447      \else
11448        \@contpre%
11449        {\@contnfont #1\@contdelim}\@memtempa
11450        {\@contcstyle \@conttfont #2\@contfinal\par}
11451      \fi
11452    \fi
11453  \fi
11454  \@contpost
11455  \if@contcw
11456    \par
11457  } % end of the \parbox
11458  \fi
11459  \vskip\belowcaptionskip}
11460  \ifpackageloaded{caption}{%
11461  \AtBeginPackage{caption}{%
11462  \ClassWarningNoLine{memoir}{%
11463  You are using the caption package with the memoir \MessageBreak
11464  class. This may cause unexpected or inconsistent \MessageBreak
11465  results if you use any of memoir's captioning facilities}
11466
11467  \long\def\@makecaption##1##2{%
11468    \vskip\abovecaptionskip
11469    \sbox\@tempboxa{\if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi}%
11470    \ifdim \wd\@tempboxa >\hsize
11471      \if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi\par
11472    \else
11473      \global \@minipagefalse
11474      \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
11475    \fi
11476    \vskip\belowcaptionskip}
11477
11478  \def\caption{%
11479    \ifx\@captype\@undefined
11480      \@latex@error{\noexpand\caption outside float}\@ehd
11481      \expandafter\@gobble
11482    \else
11483      \refstepcounter\@captype
11484      \expandafter\@firstofone
11485    \fi
11486    {\@dblarg{\@caption\@captype}}}%
11487  }
11488
11489  \long\def\@caption##1[##2]##3{%
11490    \par
11491    \addcontentsline{\csname ext@##1\endcsname}{##1}%
11492    {\protect\numberline{\csname the##1\endcsname}{\ignorespaces ##2}}%
11493    \begingroup
11494    \@parboxrestore

```



```

11495 \if@minipage
11496 \setminipage
11497 \fi
11498 \normalsize
11499 \@makecaption{\csname fnum##1\endcsname}{\ignorespaces ##3}\par
11500 \endgroup}
11501 }}{}
11502 \renewenvironment{thebibliography}[1]{%
11503 \bibsection
11504 \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
11505 \begin{bibitemlist}{#1}}{\end{bibitemlist}\postbibhook}

```

7.76 midfloat-xetex-bidi.def

```

11506 \ProvidesFile{midfloat-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for midfloat package for
11507 \def\RTL@outputdblcol{%
11508 \if@firstcolumn
11509 \global \@firstcolumnfalse
11510 \global \setbox\@leftcolumn \box\@outputbox
11511 \global\c@colht\@colht\global\c@advipersep\z@
11512 \ifnum\jua@sk>0
11513 \remove@strip\jua@sar
11514 \global\@colht\the\jua@pr
11515 \ifdim\right@cor>\z@
11516 \global\advance\@colht by\right@cor
11517 \fi
11518 \global\advance\@colht by\cor@height
11519 \global\cor@height=0pt
11520 \fi
11521 \global \setbox\@rightcolumn \vbox{%
11522 \else
11523 \ifdim\c@colht>\@colht
11524 \@tempdima\@colht
11525 \ifdim\@colht>\z@
11526 \global\setbox\@rightcolumn \vbox{%
11527 \unvbox\@rightcolumn
11528 \vbox to\@tempdima{%
11529 \vskip\c@advipersep\unvbox\@outputbox}%
11530 \vskip\stripsep
11531 \vrule height\the\jua@ht width 0pt depth 0pt
11532 \vskip\stripsep
11533 }%
11534 \global\c@advipersep\m@advipersep
11535 \else
11536 \global\setbox\@rightcolumn \vbox{%
11537 \unvbox\@rightcolumn
11538 \vrule height\the\jua@ht width 0pt depth 0pt
11539 \vskip\stripsep
11540 }%
11541 \fi

```



```

11542         \ifnum\jua@sk>0
11543             \remove@strip\jua@sar
11544             \global\@colht\the\jua@pr
11545             \global\advance\@colht by -\ht\@rightcolumn
11546             \global\advance\@colht by \cor@height
11547             \global\cor@height=0pt
11548         \else
11549             \global\advance\c@colht by-\ht\@rightcolumn
11550             \global\@colht\c@colht
11551         \fi
11552     \else
11553     \global\@firstcolumntrue
11554     \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
11555         \unvbox\@rightcolumn
11556         \vskip\c@addvipersep
11557         \unvbox\@outputbox
11558     }%
11559     \setbox\@outputbox \vbox {%
11560         \hb@xt@\textwidth {%
11561             \hskip \columnwidth
11562             \hfil
11563             \vrule \@width\columnseprule
11564             \hfil
11565             \hb@xt@\columnwidth {%
11566                 \box\@leftcolumn \hss}%
11567             \hskip-\textwidth
11568             \hb@xt@\columnwidth {%
11569                 \box\@outputbox \hss}%
11570             \hskip\columnwidth
11571             \hskip\columnsep}%
11572         }%
11573     \@combinedblfloats
11574     \@outputpage
11575     \begingroup
11576         \@dblfloatplacement
11577         \@startdblcolumn
11578         \@whilesw\if@fcolmade \fi
11579             {\@outputpage
11580              \@startdblcolumn}%
11581     \endgroup
11582     \global\jua@sk=0\global\jua@sar={}
11583     \global\cor@height\z@\global\c@addvipersep\z@
11584     \fi
11585 \fi
11586 }
11587
11588
11589 \def\LTR@outputdblcol{%
11590     \if@firstcolumn
11591         \global \@firstcolumnfalse

```




```

11592 \global \setbox\@leftcolumn \box\@outputbox
11593 \global\c@colht\@colht\global\c@advipersep\z@
11594 \ifnum\jua@sk>0
11595     \remove@strip\jua@sar
11596     \global\@colht\the\jua@pr
11597     \ifdim\right@cor>\z@
11598         \global\advance\@colht by\right@cor
11599     \fi
11600     \global\advance\@colht by\cor@height
11601     \global\cor@height=0pt
11602 \fi
11603 \global \setbox\@rightcolumn \vbox{}%
11604 \else
11605     \ifdim\c@colht>\@colht
11606         \@tempdima\@colht
11607         \ifdim\@colht>\z@
11608             \global\setbox\@rightcolumn \vbox{%
11609                 \unvbox\@rightcolumn
11610                 \vbox to\@tempdima{%
11611                     \vskip\c@advipersep\unvbox\@outputbox}%
11612                 \vskip\stripsep
11613                 \vrule height\the\jua@ht width 0pt depth 0pt
11614                 \vskip\stripsep
11615                 }%
11616             \global\c@advipersep\m@advipersep
11617         \else
11618             \global\setbox\@rightcolumn \vbox{%
11619                 \unvbox\@rightcolumn
11620                 \vrule height\the\jua@ht width 0pt depth 0pt
11621                 \vskip\stripsep
11622                 }%
11623         \fi
11624     \ifnum\jua@sk>0
11625         \remove@strip\jua@sar
11626         \global\@colht\the\jua@pr
11627         \global\advance\@colht by-\ht\@rightcolumn
11628         \global\advance\@colht by\cor@height
11629         \global\cor@height=0pt
11630     \else
11631         \global\advance\c@colht by-\ht\@rightcolumn
11632         \global\@colht\c@colht
11633     \fi
11634 \else
11635     \global\@firstcolumntrue
11636     \global\setbox\@outputbox\vbox to\ht\@leftcolumnf{%
11637         \unvbox\@rightcolumn
11638         \vskip\c@advipersep
11639         \unvbox\@outputbox
11640         }%
11641     \setbox\@outputbox \vbox {%

```



```

11642                \hb@xt@\textwidth {%
11643                \hb@xt@\columnwidth {%
11644                \box\@leftcolumn \hss}%
11645                \hfil
11646                \vrule \@width\columnseprule
11647                \hfil
11648                \hb@xt@\columnwidth {%
11649                \box\@outputbox \hss}%
11650                }%
11651                }%
11652    \@combinedblfloats
11653    \@outputpage
11654    \begingroup
11655        \@dblfloatplacement
11656        \@startdblcolumn
11657        \@whiles\if@fcolmade \fi
11658        {\@outputpage
11659        \@startdblcolumn}%
11660    \endgroup
11661    \global\jua@sk=0\global\jua@sar={}%
11662    \global\cor@height\z@\global\c@addvipersep\z@
11663    \fi
11664 \fi
11665 }
11666
11667
11668 \def\@strip[#1/#2]{\global\@tempdima=#1\global\@tempdimb=#2%
11669 \global\setbox\@viper\ vbox\bgroup\if@RTLmain\moveleft\dimexpr(\columnwidth+\columnsep)\fi\v
11670     \hsize\textwidth
11671     \@parboxrestore
11672     \col@number \@ne
11673     \vrule height\topskip width0pt depth0pt
11674 }
11675
11676 \def\endstrip{%
11677     \egroup\egroup
11678     \if@firstcolumn
11679         \ifdim\pagetotal>\z@
11680             \vskip\stripsep
11681             \global\ht@strip\pagegoal
11682             \global\advance\ht@strip by-\pagetotal
11683             \global\advance\ht@strip by-\stripsep
11684             \global\advance\ht@strip by-\ht\@viper
11685             \global\advance\ht@strip by-\stripsep
11686             \global\jua@ht=\ht\@viper
11687         \else
11688             \global\ht@strip\z@
11689         \fi
11690     \ifdim\ht@strip>\z@
11691         \unvbox\@viper

```



```

11692         \vskip\stripsep
11693         \add@strip{\the\pagetotal}{\the\jua@ht}{\the\@tempdima}{\the\@tempdimb}%
11694         \global\advance\jua@sk by1
11695         \else
11696         \latex@error{Strip needs more place!}\@ehc
11697         \if@vihproof
11698         \framebox[\columnwidth]{??? Strip ???}%
11699         \fi
11700         \fi
11701     \else
11702     \latex@error{Strip is used only on left column!}\@ehc
11703     \if@vihproof
11704     \framebox[\columnwidth]{??? Strip ???}%
11705     \fi
11706     \fi
11707 }

```

7.77 minitoc-xetex-bidi.def

```

11708 \ProvidesFile{minitoc-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for minitoc package for Xe
11709 \def\@undottedtocline#1#2#3#4#5{%
11710     \ifnum #1>\c@tocdepth\relax \else
11711     \vskip \z@ plus.2\p@
11712     {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg \p@
11713     \parindent #2\relax\@afterindenttrue
11714     \interlinepenalty\@M
11715     \leavevmode
11716     \@tempdima #3\relax \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \hbox{}%
11717     \hskip -\if@RTL\righskip\else\leftskip\fi
11718     #4\nobreak\hfill \nobreak
11719     \null\par}%
11720     \fi}
11721 \def\@Undottedtocline#1#2#3#4#5{%
11722     \ifnum #1>\c@tocdepth\relax \else
11723     \vskip \z@ \@plus.2\p@
11724     {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg \p@
11725     \parindent #2\relax\@afterindenttrue
11726     \interlinepenalty\@M
11727     \leavevmode
11728     \@tempdima #3\relax
11729     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righskip\fi
11730     {\coffefont #4}\nobreak \nobreak\null
11731     \par}%
11732     \fi}
11733 \def\@Undottedtoclinep#1#2#3#4#5{%
11734     \ifnum #1>\c@tocdepth\relax \else
11735     \vskip \z@ \@plus.2\p@
11736     {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg \p@
11737     \parindent #2\relax\@afterindenttrue
11738     \interlinepenalty\@M

```



```

11739 \leavevmode
11740 \@tempdima #3\relax
11741 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righski
11742 {#4}\nobreak \hfill \nobreak\null
11743 \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
11744 \par}%
11745 \fi}

```

7.78 multicol-xetex-bidi.def

```

11746 \ProvidesFile{multicol-xetex-bidi.def}[2014/09/20 v0.6 bidi adaptations for multicol package for
11747 \def\page@sofar{%
11748 \process@cols\mult@rightbox
11749 {\ifvoid\count@
11750 \setbox\count@\hbox to\hsize}%
11751 \else
11752 \wd\count@\hsize
11753 \fi}%
11754 \count@\col@number \advance\count@\m@ne
11755 \mult@info\z@
11756 {Column spec: \the\full@width\space = indent
11757 + columns + sep =\MessageBreak
11758 \the\multicol@leftmargin\space
11759 + \the\col@number\space
11760 x \the\hsize\space
11761 + \the\count@\space
11762 x \the\columnsep
11763 }%
11764 \ifvmode\else\errmessage{Multicol Error}\fi
11765 \nointerlineskip
11766 \setbox\z@\hbox{p}\global\dimen\tw@\dp\z@
11767 \moveright\multicol@leftmargin
11768 \hbox to\full@width{%
11769 \bidi@multicol@align@columns
11770 \rlap{\phantom p}}%
11771 }%
11772 \prevdepth\z@
11773 \kern-\dimen\tw@
11774 \ifdim\dimen\tw@ > \mc@gridwarn
11775 \PackageWarning{multicol}%
11776 {Very deep columns!\MessageBreak
11777 Grid alignment might be broken}%
11778 \fi
11779 }
11780 \def\LTR@column@boxes{%
11781 \process@cols\mult@gfirstbox{%
11782 \ifdim\dp\count@>\dimen\tw@
11783 \global\dimen\tw@\dp\count@ \fi
11784 \mc@col@status@write
11785 \box\count@

```



```

11786      \hss{\columnseprulecolor\vrule
11787          \@width\columnseprule}\hss}%
11788      \ifdim\dp\mult@rightbox>\dimen\tw@
11789          \global\dimen\tw@\dp\mult@rightbox \fi
11790      \mc@lastcol@status@write
11791      \box\mult@rightbox
11792  }
11793
11794  \def\RTL@column@boxes{%
11795      \process@cols\mult@gfirstbox{%
11796          \hskip\hsize
11797          \hss{\columnseprulecolor\vrule
11798              \@width\columnseprule}\hss
11799      }%
11800      \hskip\hsize
11801      \process@cols\mult@gfirstbox{%
11802          \ifdim\dp\count@>\dimen\tw@
11803              \global\dimen\tw@\dp\count@ \fi
11804          \hskip-\hsize
11805          \mc@col@status@write
11806          \box\count@
11807          \hskip-\hsize
11808          \hskip-\columnsep
11809      }%
11810      \ifdim\dp\mult@rightbox>\dimen\tw@
11811          \global\dimen\tw@\dp\mult@rightbox \fi
11812      \hskip-\hsize
11813      \mc@lastcol@status@write
11814      \box\mult@rightbox
11815      \hskip-\hsize
11816      \hskip\full@width
11817  }
11818  \newcommand\RTLmulticolcolumns
11819      {\let\bidimulticol@align@columns
11820       \RTL@column@boxes}
11821  \newcommand\LTRmulticolcolumns
11822      {\let\bidimulticol@align@columns
11823       \LTR@column@boxes}
11824  \newcommand\bidimulticol@align@columns
11825      {\ifRTLmain\RTL@column@boxes\else\LTR@column@boxes\fi}
11826  \def\multicols#1{\col@number#1\relax
11827      \ifnum\col@number<\tw@
11828          \PackageWarning{multicol}%
11829              {Using ~\number\col@number'
11830               columns doesn't seem a good idea.^^J
11831               I therefore use two columns instead}%
11832          \col@number\tw@ \fi
11833      \ifnum\col@number>10
11834          \PackageError{multicol}%
11835              {Too many columns}%

```



```

11836 {Current implementation doesn't
11837 support more than 10 columns.%
11838 \MessageBreak
11839 I therefore use 10 columns instead}%
11840 \col@number10 \fi
11841 \ifx\@footnotetext\mult@footnotetext\else
11842 \let\orig@footnotetext\@footnotetext
11843 \let\@footnotetext\mult@footnotetext
11844 \fi
11845 \ifx\@LTRfootnotetext\mult@LTRfootnotetext\else
11846 \let\orig@LTRfootnotetext\@LTRfootnotetext
11847 \let\@LTRfootnotetext\mult@LTRfootnotetext
11848 \fi
11849 \ifx\@RTLfootnotetext\mult@RTLfootnotetext\else
11850 \let\orig@RTLfootnotetext\@RTLfootnotetext
11851 \let\@RTLfootnotetext\mult@RTLfootnotetext
11852 \fi
11853 \ifnextchar[\mult@cols{\mult@cols{}}]{}
11854 \long\def\mult@footnotetext#1{\begingroup
11855 \hsize\textwidth
11856 \columnwidth\textwidth
11857 \orig@footnotetext{#1}\endgroup}
11858 \long\def\mult@LTRfootnotetext#1{\begingroup
11859 \hsize\textwidth
11860 \columnwidth\textwidth
11861 \orig@LTRfootnotetext{#1}\endgroup}
11862 \long\def\mult@RTLfootnotetext#1{\begingroup
11863 \hsize\textwidth
11864 \columnwidth\textwidth
11865 \orig@RTLfootnotetext{#1}\endgroup}
11866 \def\right@footnoterule{%
11867 \hbox to \textwidth
11868 {\beginR \vbox{\kern -3\p@
11869 \hrule width .4\columnwidth \kern2.6\p@\hfil\endR}}
11870 \def\textwidth@footnoterule{\kern-3\p@
11871 \hrule \@width \textwidth \kern 2.6\p@}

```

7.79 multienum-xetex-bidi.def

```

11872 \ProvidesFile{multienum-xetex-bidi.def}[2011/04/16 v0.1 bidi adaptations for multienum package]
11873 \renewcommand{\itemx}[1]{\parbox[t]{%
11874 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11875 \parbox[t]{\remainx}{\bidi@raggedright #1}\par}%\smallskip
11876 \renewcommand{\itemxx}[2]{\parbox[t]{%
11877 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11878 \parbox[t]{.5\remainxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11879 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11880 \parbox[t]{0.5\remainxx}{\bidi@raggedright #2}\smallskip}
11881 \renewcommand{\itemxxx}[3]{\parbox[t]{%
11882 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%

```



```

11883 \parbox[t]{.3333\remainxxx}{\bidi@raggedright #1}\hfill\parbox[t]%
11884 {\labelwidth}{\hfill {\labelname}}\hskip\labelsep%
11885 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\hfill\parbox[t]%
11886 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11887 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #3}\par}%\smallskip
11888 \renewcommand{\itemxxxx}[4]{\parbox[t]%
11889 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11890 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill\parbox[t]%
11891 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11892 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11893 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11894 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\hfill%
11895 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11896 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #4}\smallskip}
11897 \renewcommand{\itemxxxxx}[5]{\parbox[t]%
11898 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11899 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #1}\hfill%
11900 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11901 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #2}\hfill%
11902 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11903 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #3}\hfill%
11904 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11905 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #4}\hfill%
11906 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11907 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #5}\smallskip}
11908 \renewcommand{\itemxox}[2]{\parbox[t]%
11909 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11910 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
11911 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11912 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\smallskip}
11913 \renewcommand{\itemxox}[2]{\parbox[t]%
11914 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11915 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #1}\hfill%
11916 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11917 \parbox[t]{\remainxox}{\bidi@raggedright #2}\smallskip}
11918 \renewcommand{\itemxox}[3]{\parbox[t]%
11919 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11920 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
11921 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11922 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11923 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11924 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11925 \renewcommand{\itemxox}[3]{\parbox[t]%
11926 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11927 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11928 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11929 \parbox[t]{\remainxox}{\bidi@raggedright #2}\hfill%
11930 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11931 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11932 \renewcommand{\itemxox}[3]{\parbox[t]%

```



```

11933 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11934 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11935 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11936 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11937 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11938 \parbox[t]{\remainxxx}{\bidi@raggedright #3}\smallskip}

```

7.80 natbib-xetex-bidi.def

```

11939 \ProvidesFile{natbib-xetex-bidi.def}[2011/06/04 v0.1 bidi adaptations for natbib package for XeT
11940 \renewenvironment{thebibliography}[1]{%
11941   \bibsection
11942   \parindent\z@
11943   \bibpreamble
11944   \bibfont
11945   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11946   \list{\@biblabel{\the\c@NAT@ctr}}{\@bibsetup{#1}\global\c@NAT@ctr\z@}%
11947   \ifNAT@openbib
11948     \renewcommand\newblock{\par}%
11949   \else
11950     \renewcommand\newblock{\hskip .11em \@plus.33em \@minus.07em}%
11951   \fi
11952   \sloppy\clubpenalty4000\widowpenalty4000
11953   \sfcode\.\@m
11954   \let\NAT@bibitem@first@sw\@firstoftwo
11955     \let\citeN\cite \let\shortcite\cite
11956     \let\citeasnoun\cite
11957 }{%
11958   \bibitem@fin
11959   \bibpostamble
11960   \def\@noitemerr{%
11961     \PackageWarning{natbib}{Empty `thebibliography' environment}%
11962   }%
11963   \endlist
11964   \bibcleanup
11965 }%

```

7.81 newfloat-xetex-bidi.def

```

11966 \ProvidesFile{newfloat-xetex-bidi.def}[2013/05/22 v0.1 bidi adaptations for newfloat package for
11967 \renewcommand*\newfloat@setwithin[2]{%
11968   \ifcsname c@chapter\endcsname
11969     \@removefromreset{#1}{chapter}%
11970   \fi
11971   \@removefromreset{#1}{section}%
11972   \edef\@tempa{#2}%
11973   \ifx\@tempa\@empty
11974     \def\@tempa{none}%
11975   \fi
11976   \def\@tempb{none}%
11977   \ifx\@tempa\@tempb

```




```

11978 \ifcsname c@chapter\endcsname
11979 \chapterlistsgap@off{#1}%
11980 \fi
11981 \newfloat@@setwithin{#1}{-}{-}%
11982 \else
11983 \def\@tempb{chapter}%
11984 \ifx\@tempa\@tempb
11985 \addtoreset{#1}{chapter}%
11986 \chapterlistsgap@on{#1}%
11987 \newfloat@@setwithin{#1}{\ifnum\c@chapter>\z@ \thechapter\@SepMark\fi}{\theHchapter\@SepM
11988 \else
11989 \def\@tempb{section}%
11990 \ifx\@tempa\@tempb
11991 \addtoreset{#1}{section}%
11992 \ifcsname c@chapter\endcsname
11993 \addtoreset{#1}{chapter}%
11994 \chapterlistsgap@on{#1}%
11995 \newfloat@@setwithin{#1}{\thesection\@SepMark}{\theHsection\@SepMark}%
11996 \else
11997 \newfloat@@setwithin{#1}{\ifnum\c@section>\z@ \thesection\@SepMark\fi}{\theHsection\@Se
11998 \fi
11999 \else
12000 \newfloat@Error{Invalid value `#2' for option `within'}%
12001 \fi
12002 \fi
12003 \fi}

```

7.82 ntheorem-xetex-bidi.def

```

12004 \ProvidesFile{ntheorem-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem package for
12005 \gdef\@thm#1#2#3{%
12006 \if@thmmarks
12007 \stepcounter{end\InTheoType ctr}%
12008 \fi
12009 \renewcommand{\InTheoType}{#1}%
12010 \if@thmmarks
12011 \stepcounter{curr#1ctr}%
12012 \setcounter{end#1ctr}{0}%
12013 \fi
12014 \refstepcounter{#2}%
12015 \theorem@prework
12016 \thm@topsepadd \theorem@postskipamount % cf. latex.ltx: \@trivlist
12017 \ifvmode \advance\thm@topsepadd\partopsep\fi
12018 \trivlist
12019 \@topsep \theorempreskipamount
12020 \@topsepadd \thm@topsepadd % used by \@endparenv
12021 \advance\linewidth -\theorem@indent
12022 \advance\@totalleftmargin \theorem@indent
12023 \if@RTL\parshape \One Opt \linewidth\else \parshape \One \@totalleftmargin \linewidth\fi
12024 \@ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```



7.83 ntheorem-hyper-xetex-bidi.def

```

12025 \ProvidesFile{ntheorem-hyper-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem-hyper
12026 \gdef\@thm#1#2#3{%
12027   \if@thmmarks
12028     \stepcounter{end\InTheoType ctr}%
12029   \fi
12030   \renewcommand{\InTheoType}{#1}%
12031   \if@thmmarks
12032     \stepcounter{curr#1ctr}%
12033     \setcounter{end#1ctr}{0}%
12034   \fi
12035   \refstepcounter{#2}%
12036   \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
12037   \ifvmode \advance\thm@topsepadd\partopsep\fi
12038   \trivlist
12039   \@topsep \theorempreskipamount
12040   \@topsepadd \thm@topsepadd % used by \@endparenv
12041   \advance\linewidth -\theorem@indent
12042   \advance\@totalleftmargin \theorem@indent
12043   \ifRTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
12044   \@ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

7.84 pdfpages-xetex-bidi.def

```

12045 \ProvidesFile{pdfpages-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for pdfpages package for
12046 \renewcommand*{\includepdf}[2][]{%
12047   \begingroup
12048   \@RTLfalse
12049   \let\AM@threadname\relax
12050   \AM@split@options{pdfpages}{#1}%
12051   \edef\AM@temp{{pdfpages}{\the\@temptokena}}%
12052   \expandafter\setkeys\AM@temp
12053   \ifthenelse{\boolean{AM@pkg@draft} \and \boolean{AM@survey}}{%
12054     \let\AM@currentdocname\relax
12055     \renewcommand\includegraphics[2][]{Survey in draft-mode}%
12056     \def\AM@pagecount{0}%
12057   }{%
12058     \AM@findfile{#2}%
12059     \if\AM@threadname\relax
12060       \def\AM@threadname{\AM@currentdocname}%
12061     \fi
12062   }%
12063   \ifAM@survey
12064     \def\AM@pagestemp{}%
12065     \@tempcnta=0
12066     \def\foo{%
12067       \@ifundefined{r@\AM@xrprefix pdfpages@page\the\@tempcnta}%
12068       {\let\foo\relax}
12069       {\expandafter\ifx\expandafter\\AM@pagestemp\\
12070        \edef\AM@pagestemp{%

```



```

12071             \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}}%
12072         \else
12073             \edef\AM@pagestemp{\AM@pagestemp,%
12074                 \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}}%
12075         \fi
12076         \advance\@tempcnta 1\relax
12077     }%
12078     \foo
12079 }%
12080 \foo
12081 \expandafter\ifx\expandafter\\AM@pagestemp\\
12082 \def\AM@pagestemp{1}%
12083 \fi
12084 \fi
12085 \ifAM@output
12086 \expandafter\AM@readlist\expandafter{\AM@pagestemp}%
12087 \AM@output{#1}%
12088 \fi
12089 \AM@CheckAtEnd
12090 \endgroup
12091 \AM@ClearShipoutPicture
12092 }

```

7.85 pgf-xetex-bidi.def

```

12093 \ProvidesFile{pgf-xetex-bidi.def}[2014/11/21 v0.6 bidi adaptations for pgf package for XeTeX eng
12094 \let\origin@pgfpicture=\pgfpicture
12095 \let\origin@endpgfpicture=\endpgfpicture
12096 \def\bidi@pgfpicture{\ifmmode\else\beginL\fi\origin@pgfpicture}
12097 \def\endbidi@pgfpicture{\origin@endpgfpicture\ifmmode\else\endL\fi}
12098 \def\pgfpicture{\ifmmode\else\LTR\noindent\beginL\fi\origin@pgfpicture}
12099 \def\endpgfpicture{\origin@endpgfpicture\ifmmode\else\endL\endLTR\fi}

```

7.86 picinpar-xetex-bidi.def

```

12100 \ProvidesFile{picinpar-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for picinpar package for
12101 \long\def\@makewincaption#1#2{%
12102     \setbox\@tempboxa\hbox{\footnotesize{\bf #1:\enspace}{#2}}}%
12103     \ifdim\wd\@tempboxa>\picwd
12104         {\footnotesize{\bf #1:\enspace}{#2\par}}
12105     \else
12106         \hbox to\picwd{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}
12107     \fi}
12108 \def\endwindow{%
12109     \global\tcd=\tcdsav
12110     \egroup\vskip\parskip\parshape=0 % reset parshape; end \box\rawtext
12111     \vbadness=10000
12112     \splittopskip=0pt
12113 %
12114 % Typeset the lines above the window
12115 %

```



```

12116 \ifnum\tcd>0\setbox\holder=\vsplit\rawtext to \tcd\baselineskip
12117 \tcn=\tcd
12118 \loop\advance\tcn -1
12119 \setbox\fslice=\vsplit\holder to\baselineskip
12120 \prune\fslice\linewidth
12121 \topheight=0pt
12122 \ifnum\dp\fslice>\dp\wstrutbox
12123     \advance\topheight-\dp\fslice
12124     \advance\topheight\dp\wstrutbox
12125     \advance\topheight\ilg\fi
12126 \hbox to\linewidth{\box\fslice}
12127 \vskip-\topheight
12128 \ifdim\ht\holder>0pt\repeat
12129 \fi
12130 %
12131 % Now we build the boxes beside the window
12132 %
12133 \global\topheight=\tcl\baselineskip
12134 \ifnum\cumpartcl>0\global\tcl=\cumtcl
12135     \global\topheight=\vpic
12136 \fi
12137 \ifnum\bl>0 \ifnum\br>0 \multiply\topheight by 2\fi\fi
12138 \ifnum\bl>0\setbox\holder=\vsplit\rawtext to\topheight
12139 \else\ifnum\br>0\setbox\holder=\vsplit\rawtext to\topheight\fi\fi
12140 \tcn=\tcl \na=0 \nb=0
12141 \ifnum\bl>0 \ifnum\br>0 \multiply\tcn by 2\fi\fi
12142 \ifnum\bl>0\na=\tcn\ifnum\br>0\divide\na by 2\fi\fi
12143 \ifnum\br>0\nb=\tcn\ifnum\bl>0\divide\nb by 2\fi\fi
12144 \ifnum\na=0\ifnum\nb=0
12145     \setbox\waslice=\vbox to\vpic{\vss}
12146     \setbox\wbslice=\vbox to\vpic{\vss}
12147     \bl=1\br=1
12148     \vskip\ilg
12149 \fi\fi
12150 %
12151 % both sides
12152 %
12153 \ifnum\na>0 \ifnum\nb>0
12154 \loop\advance\nb -1
12155 \advance\na -1
12156 \if@RTL%
12157 \setbox\bslice=\vsplit\holder to\baselineskip
12158 \prune\bslice\rtside
12159 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
12160 to\rtside{\box\bslice\hfil}}
12161 \setbox\aslice=\vsplit\holder to\baselineskip
12162 \prune\aslice\lftside
12163 \setbox\waslice=\vbox{\unvbox\waslice\hbox
12164 to\lftside{\box\aslice\hfil}}
12165 \else%

```



```

12166 \setbox\aslice=\vsplit\holder to\baselineskip
12167 \prune\aslice\lftside
12168 \setbox\waslice=\vbox{\unvbox\waslice\hbox
12169 to\lftside{\box\aslice\hfil}}
12170 \setbox\bslice=\vsplit\holder to\baselineskip
12171 \prune\bslice\rtside
12172 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
12173 to\rtside{\box\bslice\hfil}}
12174 \fi%
12175 \ifnum\nb>0\repeat
12176 \fi\fi
12177 %
12178 % only text on the left side
12179 %
12180 \ifnum\na>0
12181   \loop\advance\na -1
12182   \setbox\aslice=\vsplit\holder to\baselineskip
12183   \prune\aslice\lftside
12184   \setbox\waslice=\vbox{\unvbox\waslice\hbox
12185 to\lftside{\box\aslice\hfil}}
12186   \ifdim\ht\holder>0pt\repeat
12187 \fi
12188 %
12189 % only text on the right side
12190 %
12191 \ifnum\nb>0
12192   \loop\advance\nb -1
12193   \setbox\bslice=\vsplit\holder to\baselineskip
12194   \prune\bslice\rtside
12195   \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
12196 to\rtside{\box\bslice\hfil}}
12197   \ifdim\ht\holder>0pt\repeat
12198 \fi
12199 %
12200 % fixing the dimensions of the window part
12201 %
12202 \ifnum\bl=0\topheight=\ht\wbslice
12203 \else\ifnum\br=0\topheight=\ht\waslice
12204   \else\ifdim\ht\waslice>\ht\wbslice\topheight=\ht\waslice
12205     \else\topheight=\ht\wbslice\fi\fi\fi
12206 %
12207 % ship out the window material to the main vertical list
12208 %
12209 \ifnum\bl>0 \ifnum\br>0 \ifdim\ht\wbslice<\topheight
12210 \setbox\wbslice=\vbox to\topheight{\box\wbslice\vfill}
12211 \fi\fi\fi
12212 \setbox>windowbox=\vbox{\hbox to\linewidth{%
12213 \ifnum\bl>0\box\waslice\hfill\fi%
12214 \vbox to\topheight{\hrule width\picwd height0pt depth0pt\vskip0pt%
12215 \vfill\unvbox\picbox}%

```



```

12216 \ifnum\picwd>0\vfill\fi%
12217 \vss}\ifnum\br>0\hfill\vbox{\box\wbslice}\fi}}%
12218 \unvbox\windowbox%
12219 \loop
12220 \setbox\bslice=\vsplit\rawtext to\baselineskip
12221 \prune\bslice\linewidth
12222 \setbox\wbslice=\vbox{\hbox to\linewidth{\box\bslice\hfil}}
12223 \unvbox\wbslice
12224 \ifdim\ht\rawtext>0pt
12225 \repeat
12226 }% FINITO

```

7.87 plain-xetex-bidi.def

```

12227 \def\TeXeTOn{\TeXeTstate=1 }
12228 \def\TeXeTOff{\TeXeTstate=0 }
12229 \TeXeTOn
12230 \def\usebox#1{\leavevmode\copy #1\relax}
12231 \def\bidi@RTL@everypar{\if@RTL{\setbox\z@\lastbox\beginR\ifvoid\z@\else\usebox\z@\fi}\fi}
12232 \let\bidi@o@everypar=everypar
12233 \newtoks\bidi@n@everypar
12234 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
12235 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
12236 \let\everypar=\bidi@n@everypar
12237 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
12238 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
12239 \protected\def\hboxR{\hbox\bgroup
12240 \everyhbox{%
12241 \aftergroup\egroup
12242 \everyhbox{}}%
12243 \beginR
12244 \bgroup
12245 \aftergroup\endR
12246 \aftergroup\egroup
12247 }\hbox}
12248 \protected\def\hboxL{\hbox\bgroup
12249 \everyhbox{%
12250 \aftergroup\egroup
12251 \everyhbox{}}%
12252 \beginL
12253 \bgroup
12254 \aftergroup\endL
12255 \aftergroup\egroup
12256 }\hbox}
12257 \protected\def\vboxR{\vbox\bgroup
12258 \everyvbox{%
12259 \aftergroup\egroup
12260 \everyvbox{}}%
12261 \@RTLtrue
12262 \bgroup

```



```

12263 \aftergroup\egroup
12264 }\vbox}
12265 \protected\def\vboxL{\vbox\bgroup
12266 \everyvbox{%
12267 \aftergroup\egroup
12268 \everyvbox{}}%
12269 \@RTLfalse
12270 \bgroup
12271 \aftergroup\egroup
12272 }\vbox}
12273 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\hsize\linewidth\parshape\z@}
12274 \def\endLTR{\par}
12275 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
12276 \def\endRTL{\par}
12277 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
12278 \def\setLTR{\@RTLfalse\@RTL@footnotefalse}
12279 \let\unsetRTL=\setLTR
12280 \let\unsetLTR=\setRTL
12281 \let\LR=\LRE
12282 \let\RL=\RLE
12283 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
12284 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
12285 \let\@ensure@RL=\@ensure@RTL
12286 \let\@ensure@LR=\@ensure@LTR
12287 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
12288 \let\@ensure@maindir=\@ensure@dir
12289 \def\@RTL{RTL}
12290 \def\@LTR{LTR}
12291 \def\save@dir{\if@RTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
12292 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi\fi}
12293 \let\@TeX\TeX
12294 \def\TeX{\@ensure@LTR{\@TeX}}
12295 \long\def\bidireflect@box#1{%
12296 \leavevmode
12297 \setbox\z@\hbox{{#1}}%
12298 \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}%
12299 \hbox to \wd\z@{\kern\wd\z@\box\tw@\hss}%
12300 }
12301 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
12302 \hbox{\kern-.125em\bidireflect@box{E}}\kern-.1667em \TeX}}$}}
12303 \let\setRL=\setRTL
12304 \let\setLR=\setLTR
12305 \let\unsetRL=\setLTR
12306 \let\bidisaved@eqno=\eqno
12307 \let\bidisaved@leqno=\leqno
12308 \def\eqno{\ifnum\predisplaydirection<\z@ \bidisaved@leqno \else \bidisaved@eqno \fi}
12309 \def\leqno{\ifnum\predisplaydirection<\z@ \bidisaved@eqno \else \bidisaved@leqno \fi}
12310 \def\centerline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
12311 \def\leftline#1{\line{\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
12312 \def\rightline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi}}

```



7.88 pstricks-xetex-bidi.def

```
12313 \ProvidesFile{pstricks-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for pstricks package for
12314 \let\origin@pspicture=\pspicture
12315 \let\origin@endpspicture=\endpspicture
12316 \def\pspicture{\ifmmode\else\LTR\beginL\fi\origin@pspicture}
12317 \def\endpspicture{\origin@endpspicture\ifmmode\else\endL\endLTR\fi}
```

7.89 quotchap-xetex-bidi.def

```
12318 \ProvidesFile{quotchap-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for quotchap package for
12319 \renewcommand{\qauthor}[1]{%
12320   \par\smallskip
12321   {\ifRTL\raggedright\else\raggedleft\fi\upshape #1\qqquad\hbox{\}\par}\bigskip}
12322 \renewcommand{\@makechapterhead}[1]{\chapterheadstartvskip%
12323   {\size@chapter{\sectfont\ifRTL\raggedright\else\raggedleft\fi
12324     {\chapnumfont
12325       \ifnum \c@secnumdepth >\m@ne%
12326       \if@mainmatter\thechapter%
12327       \fi\fi
12328       \par\nobreak}%
12329     {\ifRTL\raggedright\else\raggedleft\fi\advance\ifRTL\rightmargin\else\leftmargin\fi10em
12330     \nobreak\chapterheadendvskip}}
12331 \renewcommand*{\@iprintcites}{%
12332   \vbox to\z@{\leavevmode\copy\@quotebox\vss}
12333   \global\let\@printcites\relax}
```

7.90 ragged2e-xetex-bidi.def

```
12334 \ProvidesFile{ragged2e-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for ragged2e package for
12335 \renewcommand{\Centering}{%
12336   \ifx\\ \@raggedtwoe@savedcr
12337     \let\\ \@centercr
12338   \fi
12339   \let\@gnewline\@raggedtwoe@gnewline
12340   \ifRTL\rightright\else\leftskip\fi\CenteringLeftskip
12341   \@rightskip\CenteringRightskip
12342   \ifRTL\leftskip\else\rightright\fi\@rightskip
12343   \parfillskip\CenteringParfillskip
12344   \parindent\CenteringParindent
12345   \@raggedtwoe@spaceskiptrue
12346   \@raggedtwoe@everyselectfont
12347 }
12348 \renewcommand{\RaggedLeft}{%
12349   \ifx\\ \@raggedtwoe@savedcr
12350     \let\\ \@centercr
12351   \fi
12352   \let\@gnewline\@raggedtwoe@gnewline
12353   \ifRTL\rightright\else\leftskip\fi\RaggedLeftLeftskip
12354   \@rightskip\RaggedLeftRightskip
12355   \ifRTL\leftskip\else\rightright\fi\@rightskip
12356   \parfillskip\RaggedLeftParfillskip}
```




```

12357 \parindent\RaggedLeftParindent
12358 \@raggedtwo@spaceskiptrue
12359 \@raggedtwo@everyselectfont
12360 }
12361 \renewcommand{\RaggedRight}{%
12362 \ifx\\ \@raggedtwo@savedcr
12363 \let\\ @centercr
12364 \fi
12365 \let\@gnewline\@raggedtwo@gnewline
12366 \ifRTL\rightright\else\leftskip\fi\RaggedRightLeftskip
12367 \@rightskip\RaggedRightRightskip
12368 \ifRTL\leftskip\else\rightright\fi\@rightskip
12369 \parfillskip\RaggedRightParfillskip
12370 \parindent\RaggedRightParindent
12371 \@raggedtwo@spaceskiptrue
12372 \@raggedtwo@everyselectfont
12373 }
12374 \renewcommand{\justifying}{%
12375 \let\\ \@raggedtwo@savedcr
12376 \let\@gnewline\@raggedtwo@saved@gnewline
12377 \ifRTL\rightright\else\leftskip\fi\z@
12378 \@rightskip\z@
12379 \ifRTL\leftskip\else\rightright\fi\@rightskip
12380 \parfillskip\JustifyingParfillskip
12381 \parindent\JustifyingParindent
12382 \@raggedtwo@spaceskipfalse
12383 \@raggedtwo@everyselectfont
12384 }
12385 \renewcommand*{\@raggedtwo@raggedrightboxes@opt}{
12386 \CheckCommand*{\@arrayparboxrestore}{%
12387 \let\if@nbreak\iffalse
12388 \let\if@noskipsec\iffalse
12389 \let\par\@par
12390 \let\-\@dischph
12391 \let'\@acci\let'\@accii\let\=\@acciii
12392 \parindent\z@ \parskip\z@skip
12393 \everypar{}%
12394 \linewidth\hsize
12395 \@totalleftmargin\z@
12396 \ifRTL\rightright\else\leftskip\fi\z@skip \ifRTL\leftskip\else\rightright\fi\z@skip \@right
12397 \parfillskip\@flushglue \lineskip\normallineskip
12398 \baselineskip\normalbaselineskip
12399 \sloppy}%
12400 \renewcommand{\@arrayparboxrestore}{%
12401 \let\if@nbreak\iffalse
12402 \let\if@noskipsec\iffalse
12403 \let\par\@par
12404 \let\-\@dischph
12405 \let'\@acci\let'\@accii\let\=\@acciii
12406 \parskip\z@skip

```



```

12407 \everypar{}%
12408 \linewidth\hsize
12409 \@totalleftmargin\z@
12410 \RaggedRight
12411 \lineskip\normallineskip
12412 \baselineskip\normalbaselineskip
12413 \sloppy}%
12414 \let\@raggedtwoe@raggedrightboxes@opt\relax
12415 }
12416 \let\origin@RaggedLeft=\RaggedLeft
12417 \let\origin@RaggedRight=\RaggedRight
12418 \def\RaggedLeft{\if@RTL\origin@RaggedRight\else\origin@RaggedLeft\fi}
12419 \def\RaggedRight{\if@RTL\origin@RaggedLeft\else\origin@RaggedRight\fi}

```

7.91 rapport1-xetex-bidi.def

```

12420 \ProvidesFile{rapport1-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for rapport1 class for X
12421 \renewenvironment{theindex}{%
12422 \if@twocolumn
12423 \@restonecolfalse
12424 \else
12425 \@restonecoltrue
12426 \fi
12427 \columnseprule \z@
12428 \columnsep 35\p@
12429 \twocolumn[\@makeschapterhead{\indexname}]%
12430 \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
12431 \thispagestyle{plain}\parindent\z@
12432 \parskip\z@ \@plus .3\p@\relax
12433 \let\item\@idxitem
12434 }{%
12435 \if@restonecol\onecolumn\else\clearpage\fi}
12436 \renewcommand*\head@style{%
12437 \interlinepenalty \@M
12438 \hyphenpenalty=\@M \exhyphenpenalty=\@M
12439 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
12440 \if@titlepage
12441 \renewenvironment{abstract}{%
12442 \titlepage
12443 \null\vfil
12444 \section*{\SectFont\abstractname}%
12445 \noindent\ignorespaces}
12446 {\par\vfil\null\endtitlepage}
12447 \else
12448 \renewenvironment{abstract}{%
12449 \if@twocolumn
12450 \section*{\abstractname}%
12451 \else
12452 \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12453 \section*{\small\SectFont\abstractname}%

```



```

12454         \noindent\ignorespaces
12455     \fi}
12456     {\if@twocolumn\else\par\egroup\fi}
12457 \fi
12458 \renewcommand*\@regtocline[3]{%
12459     \ifnum #1>\c@tocdepth
12460     \else
12461         \vskip\z@ \@plus.2\p@
12462         {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
12463         \if@RTL\rightskip\else\leftskip\fi\unitindent
12464         \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
12465         \parfillskip\z@
12466         \@tempdima\unitindent
12467         \parindent\z@
12468         \leavevmode
12469         \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
12470         \hskip 1em \nobreak{\slshape #3}\par
12471     }%
12472 \fi}
12473 \if@oldtoc
12474 \renewcommand*\l@part[2]{%
12475     \ifnum \c@tocdepth >-2\relax
12476         \addpenalty{-\@highpenalty}%
12477         \addvspace{2.25em \@plus\p@}%
12478         \begingroup
12479             \setlength\@tempdima{3em}%
12480             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12481             \parfillskip -\@pnumwidth
12482             {\leavevmode
12483                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12484             \nobreak
12485             \global\@nobreaktrue
12486             \everypar{\global\@nobreakfalse\everypar{}}%
12487         \endgroup
12488     \fi}
12489 \else
12490 \renewcommand*\l@part{%
12491     \ifnum \c@tocdepth >-2\relax
12492         \addpenalty{-\@highpenalty}%
12493         \addvspace{2.25em \@plus \p@}%
12494         \@regtocline{0}%
12495     \fi}
12496 \fi
12497 \if@oldtoc
12498 \renewcommand*\l@chapter[2]{%
12499     \addpenalty{-\@highpenalty}%
12500     \vskip 1.0em \@plus\p@
12501     \setlength\@tempdima{1.5em}%
12502     \begingroup
12503     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth

```



```

12504 \parfillskip -\@pnumwidth
12505 \leavevmode \bfseries
12506 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12507 \hskip -\if@RTL\rightskip\else\leftskip\fi
12508 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12509 \penalty\@highpenalty
12510 \endgroup}
12511 \else
12512 \renewcommand*\l@chapter{\@regtocline{0}}
12513 \fi
12514 \renewcommand*\left@footnoterule{%
12515 \kern-3\p@
12516 \kern.5\baselineskip
12517 \hrule\@width\unitindent
12518 \kern.4\baselineskip
12519 }
12520 \renewcommand*\right@footnoterule{%
12521 \hbox to \columnwidth
12522 {\beginR \vbox{%
12523 \kern-3\p@
12524 \kern.5\baselineskip
12525 \hrule\@width\unitindent
12526 \kern.4\baselineskip}\hfil\endR}
12527 }
12528 \renewenvironment{thebibliography}[1]
12529 {\chapter*\bibname}%
12530 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12531 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12532 \list{\@biblabel{\@arabic\c@enumiv}}%
12533 {\settowidth\labelwidth{\@biblabel{#1}}%
12534 \leftmargin\labelwidth
12535 \advance\leftmargin\labelsep
12536 \@openbib@code
12537 \usecounter{enumiv}%
12538 \let\p@enumiv\@empty
12539 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
12540 \sloppy\clubpenalty4000\widowpenalty4000
12541 \sfcode`. \m}
12542 {\def\@noitemerr
12543 {\@latex@warning{Empty `thebibliography' environment}}%
12544 \endlist}
12545 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
12546 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
12547 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
12548 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
12549 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
12550 \renewcommand*\theequation{%
12551 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
12552 \renewcommand*\thefigure{%
12553 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}

```



```

12554 \renewcommand*\thetable{%
12555   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
12556 \if@titlepage
12557 \renewcommand*\TitleFont{\rmfamily}
12558 \renewcommand*\maketitle{%
12559   \begin{titlepage}%
12560     \let\footnotesize\small
12561     \let\right@footnoterule\relax
12562     \let\left@footnoterule\relax
12563     \let\textwidth\footnoterule\relax
12564     \let \footnote \thanks
12565     \long\def\@makefnmark##1{\parindent\z@
12566       \def\labelitemi{\textendash}\@revlabeltrue
12567       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12568 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12569 \if@compatibility\setcounter{page}{0}\fi
12570 \null\vfil
12571 \vskip 60\p@
12572 \begin{center}%
12573   \TitleFont
12574   {\LARGE \def\\{\penalty -\@M}
12575     \if@allcaps
12576       \expandafter\uc@nothanks\@title\thanks\relax
12577     \else
12578       \@title
12579     \fi\par}%
12580 \vskip 3em%
12581 {\large
12582   \lineskip .75em \parindent\z@
12583   \begin{tabular}[t]{c}%
12584     \if@allcaps
12585       \expandafter\uc@author\@author\and\relax
12586     \else
12587       \@author
12588     \fi
12589   \end{tabular}\par}%
12590 \vskip 1.5em%
12591 {\large
12592   \if@allcaps
12593     \uppercase\expandafter{\@date}%
12594   \else
12595     \@date
12596   \fi\par}%
12597 \end{center}\par
12598 \@thanks
12599 \vfil\null
12600 \end{titlepage}%
12601 \setcounter{footnote}{0}%
12602 \global\let\thanks\relax
12603 \global\let\maketitle\relax

```



```

12604 \global\let\@thanks\@empty
12605 \global\let\@author\@empty
12606 \global\let\@title\@empty
12607 \global\let\@date\@empty
12608 \global\let\title\relax
12609 \global\let\author\relax
12610 \global\let\date\relax
12611 \global\let\and\relax
12612 }
12613 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12614 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12615 \futurelet\@tempa\uc@ax}
12616 \def\uc@ax{%
12617 \ifx\@tempa\relax
12618 \else
12619 \\\andname \\\expandafter\uc@authornothanks
12620 \fi}
12621 \def\uc@tx{\ifx\@tempa\relax
12622 \else \expandafter\uc@ty \fi}
12623 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12624 \else
12625 \renewcommand*\maketitle{\par
12626 \begingroup
12627 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12628 \def\@makefnmark{\rlap{%
12629 \@textsuperscript{\normalfont\@thefnmark}}}%
12630 \long\def\@makefntext{\@xmakefntext{%
12631 \@textsuperscript{\normalfont\@thefnmark}}}%
12632 \if@twocolumn
12633 \ifnum \col@number=\@ne
12634 \@maketitle
12635 \else
12636 \twocolumn[\@maketitle]%
12637 \fi
12638 \else
12639 \newpage
12640 \global\@topnum\z@
12641 \@maketitle
12642 \fi
12643 \thispagestyle{plain}\@thanks
12644 \endgroup
12645 \setcounter{footnote}{0}%
12646 \global\let\thanks\relax
12647 \global\let\maketitle\relax
12648 \global\let\@maketitle\relax
12649 \global\let\@thanks\@empty
12650 \global\let\@author\@empty
12651 \global\let\@title\@empty
12652 \global\let\@date\@empty
12653 \global\let\title\relax

```



```

12654 \global\let\author\relax
12655 \global\let\date\relax
12656 \global\let\and\relax
12657 }
12658 \def\@maketitle{%
12659 \newpage
12660 \null
12661 \vskip 2em%
12662 \begin{center}%
12663 \let \footnote \thanks
12664 {\LARGE \TitleFont \@title \par}%
12665 \vskip 1.5em%
12666 {\large \TitleFont
12667 \lineskip .5em%
12668 \begin{tabular}[t]{c}%
12669 \@author
12670 \end{tabular}\par}%
12671 \vskip 1em%
12672 {\large \TitleFont \@date}%
12673 \end{center}%
12674 \par
12675 \vskip 1.5em}
12676 \fi

```

7.92 rapport3-xetex-bidi.def

```

12677 \ProvidesFile{rapport3-xetex-bidi.def}[2011/08/26 v0.4 bidi adaptations for rapport3 class for X
12678 \renewenvironment{theindex}{%
12679 \if@twocolumn
12680 \@restonecolfalse
12681 \else
12682 \@restonecoltrue
12683 \fi
12684 \columnseprule \z@
12685 \columnsep 35\p@
12686 \twocolumn[\@makeschapterhead{\indexname}]{%
12687 \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
12688 \thispagestyle{plain}\parindent\z@
12689 \parskip\z@ \@plus .3\p@\relax
12690 \let\item\@idxitem
12691 }{%
12692 \if@restonecol\onecolumn\else\clearpage\fi}
12693 \if@titlepage
12694 \renewcommand*\TitleFont{\rmfamily}
12695 \renewcommand*\maketitle{%
12696 \begin{titlepage}%
12697 \let\footnotesize\small
12698 \let\right@footnoterule\relax
12699 \let\left@footnoterule\relax
12700 \let\textwidth\footnoterule\relax

```



```

12701 \let \footnote \thanks
12702 \let \LTRfootnote \LTRthanks
12703 \let \RTLfootnote \RTLthanks
12704 \long\def\@makefntext##1{\parindent\z@
12705     \def\labelitemi{\textendash}\@revlabeltrue
12706     \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12707 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12708 \if@compatibility\setcounter{page}{0}\fi
12709 \null\vfil
12710 \vskip 60\p@
12711 \begin{center}%
12712     \TitleFont
12713     {\LARGE \def\{\{\penalty -\@M}
12714         \if@allcaps
12715             \expandafter\uc@nothanks\@title\thanks\relax
12716         \else
12717             \@title
12718         \fi\par}%
12719     \vskip 3em%
12720     {\large
12721         \lineskip .75em \parindent\z@
12722         \begin{tabular}[t]{c}%
12723             \if@allcaps
12724                 \expandafter\uc@authornothanks\@author\and\relax
12725             \else
12726                 \@author
12727             \fi
12728         \end{tabular}\par}%
12729     \vskip 1.5em%
12730     {\large
12731         \if@allcaps
12732             \uppercase\expandafter{\@date}%
12733         \else
12734             \@date
12735         \fi\par}%
12736     \end{center}\par
12737     \@thanks
12738     \vfil\null
12739 \end{titlepage}%
12740 \setcounter{footnote}{0}%
12741 \global\let\thanks\relax
12742 \global\let\LTRthanks\relax
12743 \global\let\RTLthanks\relax
12744 \global\let\maketitle\relax
12745 \global\let\@thanks\@empty
12746 \global\let\@author\@empty
12747 \global\let\@title\@empty
12748 \global\let\@date\@empty
12749 \global\let\title\relax
12750 \global\let\author\relax

```




```

12751 \global\let\date\relax
12752 \global\let\and\relax
12753 }
12754 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12755 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12756 \futurelet\@tempa\uc@ax}
12757 \def\uc@ax{%
12758 \ifx\@tempa\relax
12759 \else
12760 \\\andname \\\expandafter\uc@authornothanks
12761 \fi}
12762 \def\uc@tx{\ifx\@tempa\relax
12763 \else \expandafter\uc@ty \fi}
12764 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12765 \else
12766 \renewcommand*\maketitle{\par
12767 \begingroup
12768 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12769 \def\@makefnmark{\rlap{%
12770 \@textsuperscript{\normalfont\@thefnmark}}}%
12771 \long\def\@makefntext{\@xmakefntext{%
12772 \@textsuperscript{\normalfont\@thefnmark}}}%
12773 \iftwocolumn
12774 \ifnum \col@number=\@ne
12775 \@maketitle
12776 \else
12777 \twocolumn[\@maketitle]%
12778 \fi
12779 \else
12780 \newpage
12781 \global\@topnum\z@
12782 \@maketitle
12783 \fi
12784 \thispagestyle{plain}\@thanks
12785 \endgroup
12786 \setcounter{footnote}{0}%
12787 \global\let\thanks\relax
12788 \global\let\LTRthanks\relax
12789 \global\let\RTLthanks\relax
12790 \global\let\maketitle\relax
12791 \global\let\@maketitle\relax
12792 \global\let\@thanks\@empty
12793 \global\let\@author\@empty
12794 \global\let\@title\@empty
12795 \global\let\@date\@empty
12796 \global\let\title\relax
12797 \global\let\author\relax
12798 \global\let\date\relax
12799 \global\let\and\relax
12800 }

```



```

12801 \def\@maketitle{%
12802   \newpage
12803   \null
12804   \vskip 2em%
12805   \if@titlecentered
12806     \begin{center}%
12807       \let \footnote \thanks
12808       \let \LTRfootnote \LTRthanks
12809       \let \RTLfootnote \RTLthanks
12810       {\LARGE \TitleFont \@title \par}%
12811       \vskip 1.5em%
12812       {\large \TitleFont
12813         \lineskip .5em%
12814         \begin{tabular}[t]{c}%
12815           \@author
12816         \end{tabular}\par}%
12817       \vskip 1em%
12818       {\large \TitleFont \@date}%
12819     \end{center}%
12820   \else
12821     {\LARGE \TitleFont \headstyle \@title \par} \vskip 1.5em
12822     {\large \TitleFont \lineskip .5em \tabcolsep\z@
12823       \def\and{%% \begin{tabular} has already started
12824         \end{tabular}\hskip 1em plus .17fil
12825         \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabular} will
12826         \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}\par}
12827       \vskip 1em {\large \TitleFont \@date}
12828     \fi
12829     \par
12830     \vskip 1.5em}
12831   \fi
12832   \renewcommand*\@regtocline[3]{%
12833     \ifnum #1>\c@tocdepth
12834     \else
12835       \vskip\z@\@plus.2\p@
12836       {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
12837         \if@RTL\righskip\else\leftskip\fi\unitindent
12838         \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil
12839         \parfillskip\z@
12840         \@tempdima\unitindent
12841         \parindent\z@
12842         \leavevmode
12843         \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
12844         \hskip 1em \nobreak{\slshape #3}\par
12845       }%
12846     \fi}
12847   \if@oldtoc
12848     \renewcommand*\l@part[2]{%
12849       \ifnum \c@tocdepth >-2\relax
12850         \addpenalty{-\@highpenalty}%

```



```

12851 \addvspace{2.25em \@plus\p@}%
12852 \begingroup
12853 \setlength\@tempdima{3em}%
12854 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12855 \parfillskip -\@pnumwidth
12856 {\leavevmode
12857 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12858 \nobreak
12859 \global\@nobreaktrue
12860 \everypar{\global\@nobreakfalse\everypar{}}%
12861 \endgroup
12862 \fi}
12863 \else
12864 \renewcommand*\l@part{%
12865 \ifnum \c@tocdepth >-2\relax
12866 \addpenalty{-\@highpenalty}%
12867 \addvspace{2.25em \@plus \p@}%
12868 \@regtocline{0}%
12869 \fi}
12870 \fi
12871 \if@oldtoc
12872 \renewcommand*\l@chapter[2]{%
12873 \addpenalty{-\@highpenalty}%
12874 \vskip 1.0em \@plus\p@
12875 \setlength\@tempdima{1.5em}%
12876 \begingroup
12877 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12878 \parfillskip -\@pnumwidth
12879 \leavevmode \bfseries
12880 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12881 \hskip -\if@RTL\rightskip\else\leftskip\fi
12882 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12883 \penalty\@highpenalty
12884 \endgroup}
12885 \else
12886 \renewcommand*\l@chapter{\@regtocline{0}}
12887 \fi
12888 \renewcommand*\head@style{%
12889 \interlinepenalty \@M
12890 \hyphenpenalty=\@M \exhyphenpenalty=\@M
12891 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
12892 \if@titlepage
12893 \renewenvironment{abstract}{%
12894 \titlepage
12895 \null\vfil
12896 \section*{\SectFont\abstractname}%
12897 \noindent\ignorespaces}
12898 {\par\vfil\null\endtitlepage}
12899 \else
12900 \renewenvironment{abstract}{%

```



```

12901      \if@twocolumn
12902        \section*{\abstractname}%
12903      \else
12904        \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12905        \section*{\small\SectFont\abstractname}%
12906        \noindent\ignorespaces
12907      \fi}
12908    {\if@twocolumn\else\par\egroup\fi}
12909 \fi
12910 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
12911 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
12912 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
12913 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
12914 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
12915 \renewcommand*\thefigure{%
12916   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
12917 \renewcommand*\thetable{%
12918   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
12919 \renewcommand*\theequation{%
12920   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
12921 \renewenvironment{thebibliography}[1]
12922   {\chapter*{\bibname}%
12923     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12924     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12925     \list{\@biblabel{\@arabic\c@enumiv}}%
12926       {\settowidth\labelwidth{\@biblabel{#1}}%
12927        \leftmargin\labelwidth
12928        \advance\leftmargin\labelsep
12929        \@openbib@code
12930        \usecounter{enumiv}%
12931        \let\p@enumiv\@empty
12932        \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
12933     \sloppy\clubpenalty4000\widowpenalty4000
12934     \sfcode`\.\@m}
12935   {\def\@noitemerr
12936     {\@latex@warning{Empty `thebibliography' environment}}%
12937     \endlist}
12938 \renewcommand*\left@footnoterule{%
12939   \kern-3\p@
12940   \kern.5\baselineskip
12941   \hrule\@width\unitindent
12942   \kern.4\baselineskip
12943 }
12944 \renewcommand*\right@footnoterule{%
12945   \hbox to \columnwidth
12946   {\beginR \vbox{%
12947     \kern-3\p@
12948     \kern.5\baselineskip
12949     \hrule\@width\unitindent
12950     \kern.4\baselineskip}\hfil\endR}

```



```

12951 }
12952 \renewcommand*\head@style{%
12953     \interlinepenalty \@M
12954     \hyphenpenalty=\@M \exhyphenpenalty=\@M
12955     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}

```

7.93 refrep-xetex-bidi.def

```

12956 \ProvidesFile{refrep-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for refrep class for XeTeX]
12957 \if@titlepage
12958 \renewcommand\maketitle{\begin{titlepage}%
12959 \let\footnotesize\small
12960 \let\right@footnoterule\relax
12961 \let\left@footnoterule\relax
12962 \let\textwidth\footnoterule\relax
12963 \let\footnote\thanks
12964 \let\LTRfootnote\LTRthanks
12965 \let\RTLfootnote\RTLthanks
12966 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12967 \def\@makefnmark%
12968     {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12969 \long\def\@makefntext##1{%
12970     \@setpar{\@par
12971         \@tempdima = \hsize
12972         \advance\@tempdima -1em
12973         \parshape \@ne 1em \@tempdima}%
12974     \par\parindent 1em \noindent
12975     \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
12976 \null\vfil
12977 \vskip 60\p@
12978 \begin{center}%
12979     {\LARGE \@title \par}%
12980     \vskip 3em%
12981     {\large
12982         \lineskip .75em%
12983         \begin{tabular}[t]{c}%
12984             \@author
12985         \end{tabular}\par}%
12986     \vskip 1.5em%
12987     {\large \@date \par}%           % Set date in \large size.
12988 \end{center}\par
12989 \@thanks
12990 \vfil\null
12991 \end{titlepage}%
12992 \setcounter{footnote}{0}%
12993 \global\let\thanks\relax
12994 \global\let\LTRthanks\relax
12995 \global\let\RTLthanks\relax
12996 \global\let\maketitle\relax
12997 \global\let\@thanks\@empty

```



```

12998 \global\let\@author\@empty
12999 \global\let\@date\@empty
13000 \global\let\@title\@empty
13001 \global\let\title\relax
13002 \global\let\author\relax
13003 \global\let\date\relax
13004 \global\let\and\relax
13005 }
13006 \else
13007 \renewcommand\maketitle{\par
13008 \begingroup
13009 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
13010 \def\@makefnmark%
13011 {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
13012 \long\def\@makefntext##1{%
13013 \setpar{\@par
13014 \tempdima = \hsize
13015 \advance\tempdima -1em
13016 \parshape \@ne 1em \tempdima}%
13017 \par\parindent 1em \noindent
13018 \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
13019 \if@twocolumn
13020 \ifnum \col@number=\@ne
13021 \maketitle
13022 \else
13023 \twocolumn[\maketitle]%
13024 \fi
13025 \else
13026 \newpage
13027 \global\@topnum\z@ % Prevents figures from going at top of page.
13028 \maketitle
13029 \fi
13030 \thispagestyle{empty}\@thanks
13031 \endgroup
13032 \setcounter{footnote}{0}%
13033 \global\let\thanks\relax
13034 \global\let\LTRthanks\relax
13035 \global\let\RTLthanks\relax
13036 \global\let\maketitle\relax
13037 \global\let\@maketitle\relax
13038 \global\let\@thanks\@empty
13039 \global\let\@author\@empty
13040 \global\let\@date\@empty
13041 \global\let\@title\@empty
13042 \global\let\title\relax
13043 \global\let\author\relax
13044 \global\let\date\relax
13045 \global\let\and\relax
13046 }
13047 \def\@maketitle{%

```



```

13048 \newpage
13049 \null
13050 \longthickrule\vskip1.5em%
13051 \let \footnote \thanks
13052 \let \LTRfootnote \LTRthanks
13053 \let \RTLfootnote \RTLthanks
13054 {\secshape \parskip\z@ \parindent\z@
13055 \Large\bfseries \@title \par}%
13056 \vskip1.5em\longthickrule\vskip1.5em%
13057 {\normalsize
13058 \lineskip .5em%
13059 \begin{flushright}%
13060 {\slshape\@author\par}
13061 \vskip 1em%
13062 {\@date}%
13063 \end{flushright}\par}%
13064 \vskip 1.5em}
13065 \fi
13066 \renewcommand*\l@part[2]{%
13067 \ifnum \c@tocdepth >-2\relax
13068 \addpenalty{-\@highpenalty}%
13069 \addvspace{2.25em \@plus\p@}%
13070 \begingroup
13071 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13072 \parfillskip -\@pnumwidth
13073 {\leavevmode
13074 \large \bfseries #1\hfil \hbox to\@pnumwidth{\hss #2}}\par
13075 \nobreak
13076 \global\@nobreaktrue
13077 \everypar{\global\@nobreakfalse\everypar{}}%
13078 \endgroup
13079 \fi}
13080 \renewcommand*\l@chapter[2]{%
13081 \ifnum \c@tocdepth >\m@ne
13082 \addpenalty{-\@highpenalty}%
13083 \vskip 1.0em \@plus\p@
13084 \setlength\@tempdima{1.5em}%
13085 \begingroup
13086 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13087 \parfillskip -\@pnumwidth
13088 \leavevmode \bfseries
13089 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13090 \hskip -\if@RTL\rightskip\else\leftskip\fi
13091 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
13092 \penalty\@highpenalty
13093 \endgroup
13094 \fi}
13095 \renewcommand\secshape{\if@RTL\rightskip\else\leftskip\fi=-\leftmarginwidth%
13096 \if@RTL\leftskip\else\rightskip\fi=\@flushglue%
13097 \hyphenpenalty=2000}

```



```

13098 \renewcommand\left@footnoterule{%
13099   \kern-3\p@
13100   \hrule\@width.4\columnwidth
13101   \kern 2.6\p@}
13102 \renewcommand\right@footnoterule{%
13103   \hbox to \columnwidth
13104   {\beginR \vbox{%
13105     \kern-3\p@
13106     \hrule\@width.4\columnwidth
13107     \kern 2.6\p@}\hfil\endR}}
13108 \renewcommand\theequation
13109 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
13110 \renewcommand\thefigure
13111 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
13112 \renewcommand\thetable%
13113 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
13114 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
13115 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
13116 \renewcommand\thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
13117 \renewcommand\theparagraph {\thesubsubsection \@SepMark\@arabic\c@paragraph}
13118 \renewcommand\thesubparagraph {\theparagraph \@SepMark\@arabic\c@subparagraph}
13119 \renewenvironment{thebibliography}[1]
13120 {\chapter*{\bibname
13121   \@mkboth{\bibname}{\bibname}}%
13122   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13123   \list{\@biblabel{\@arabic\c@enumiv}}%
13124     {\settowidth\labelwidth{\@biblabel{#1}}%
13125     \leftmargin\labelwidth
13126     \advance\leftmargin\labelsep
13127     \@openbib@code
13128     \usecounter{enumiv}%
13129     \let\p@enumiv\@empty
13130     \renewcommand\theenumiv{\@arabic\c@enumiv}}%
13131     \sloppy
13132     \clubpenalty4000
13133     \@clubpenalty \clubpenalty
13134     \widowpenalty4000%
13135     \sfcode\@.=\@m}
13136 {\def\@noitemerr
13137   {\@latex@warning{Empty `thebibliography' environment}}%
13138   \endlist}

```

7.94 report-xetex-bidi.def

```

13139 \ProvidesFile{report-xetex-bidi.def}[2011/08/26 v0.6 bidi adaptations for standard report class]
13140 \renewenvironment{theindex}
13141 {\if@twocolumn
13142   \@restonecolfalse
13143   \else
13144     \@restonecoltrue

```




```

13145         \fi
13146         \columnseprule \z@
13147         \columnsep 35\p@
13148         \twocolumn[\@makeschapterhead{\indexname}]%
13149         \@mkboth{\MakeUppercase\indexname}%
13150                 {\MakeUppercase\indexname}%
13151         \thispagestyle{plain}\parindent\z@
13152         \parskip\z@ \@plus .3\p@\relax
13153         \let\item\@idxitem}
13154     {\if@restonecol\onecolumn\else\clearpage\fi}
13155 \if@titlepage
13156 \renewcommand\maketitle{\begin{titlepage}%
13157 \let\footnotesize\small
13158 \let\right@footnoterule\relax
13159 \let\left@footnoterule\relax
13160 \let\textwidth\footnoterule\relax
13161 \let \footnote \thanks
13162 \let \LTRfootnote \LTRthanks
13163 \let \RTLfootnote \RTLthanks
13164 \null\vfil
13165 \vskip 60\p@
13166 \begin{center}%
13167     {\LARGE \@title \par}%
13168     \vskip 3em%
13169     {\large
13170     \lineskip .75em%
13171     \begin{tabular}[t]{c}%
13172         \@author
13173     \end{tabular}\par}%
13174     \vskip 1.5em%
13175     {\large \@date \par}%           % Set date in \large size.
13176 \end{center}\par
13177 \@thanks
13178 \vfil\null
13179 \end{titlepage}%
13180 \setcounter{footnote}{0}%
13181 \global\let\thanks\relax
13182 \global\let\LTRthanks\relax
13183 \global\let\RTLthanks\relax
13184 \global\let\maketitle\relax
13185 \global\let\@thanks\@empty
13186 \global\let\@author\@empty
13187 \global\let\@date\@empty
13188 \global\let\@title\@empty
13189 \global\let\title\relax
13190 \global\let\author\relax
13191 \global\let\date\relax
13192 \global\let\and\relax
13193 }
13194 \else

```



```

13195 \renewcommand\maketitle{\par
13196   \begingroup
13197     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
13198     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
13199     \long\def\@makefnmark##1{\parindent 1em\noindent
13200       \hb@xt@1.8em{%
13201         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
13202     \if@twocolumn
13203       \ifnum \col@number=\@ne
13204         \@maketitle
13205       \else
13206         \twocolumn[\@maketitle]%
13207       \fi
13208     \else
13209       \newpage
13210       \global\@topnum\z@    % Prevents figures from going at top of page.
13211       \@maketitle
13212     \fi
13213     \thispagestyle{plain}\@thanks
13214   \endgroup
13215   \setcounter{footnote}{0}%
13216   \global\let\thanks\relax
13217   \global\let\LTRthanks\relax
13218   \global\let\RTLthanks\relax
13219   \global\let\maketitle\relax
13220   \global\let\@maketitle\relax
13221   \global\let\@thanks\@empty
13222   \global\let\@author\@empty
13223   \global\let\@date\@empty
13224   \global\let\@title\@empty
13225   \global\let\title\relax
13226   \global\let\author\relax
13227   \global\let\date\relax
13228   \global\let\and\relax
13229 }
13230 \def\@maketitle{%
13231   \newpage
13232   \null
13233   \vskip 2em%
13234   \begin{center}%
13235     \let \footnote \thanks
13236     \let \LTRfootnote \LTRthanks
13237     \let \RTLfootnote \RTLthanks
13238     {\LARGE \@title \par}%
13239     \vskip 1.5em%
13240     {\large
13241       \lineskip .5em%
13242       \begin{tabular}[t]{c}%
13243         \@author
13244       \end{tabular}\par}%

```



```

13245 \vskip 1em%
13246 {\large \@date}%
13247 \end{center}%
13248 \par
13249 \vskip 1.5em}
13250 \fi
13251 \renewcommand*\l@part[2]{%
13252 \ifnum \c@tocdepth >-2\relax
13253 \addpenalty{-\@highpenalty}%
13254 \addvspace{2.25em \@plus\p@}%
13255 \setlength\@tempdima{3em}%
13256 \begingroup
13257 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13258 \parfillskip -\@pnumwidth
13259 {\leavevmode
13260 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
13261 \nobreak
13262 \global\@nobreaktrue
13263 \everypar{\global\@nobreakfalse\everypar{}}%
13264 \endgroup
13265 \fi}
13266 \renewcommand*\l@chapter[2]{%
13267 \ifnum \c@tocdepth >\m@ne
13268 \addpenalty{-\@highpenalty}%
13269 \vskip 1.0em \@plus\p@
13270 \setlength\@tempdima{1.5em}%
13271 \begingroup
13272 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13273 \parfillskip -\@pnumwidth
13274 \leavevmode \bfseries
13275 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13276 \hskip -\if@RTL\rightskip\else\leftskip\fi
13277 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
13278 \penalty\@highpenalty
13279 \endgroup
13280 \fi}
13281 \renewcommand\left@footnoterule{%
13282 \kern-3\p@
13283 \hrule\@width.4\columnwidth
13284 \kern2.6\p@}
13285 \renewcommand\right@footnoterule{%
13286 \hbox to \columnwidth
13287 {\beginR \vbox{%
13288 \kern-3\p@
13289 \hrule\@width.4\columnwidth
13290 \kern2.6\p@}\hfil\endR}}
13291 \renewcommand\theequation
13292 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
13293 \renewcommand \thefigure
13294 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}

```



```

13295 \renewcommand \thetable
13296     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
13297 \renewcommand \thechapter {\@arabic\c@chapter}
13298 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
13299 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
13300 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
13301 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
13302 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
13303 \def\@makechapterhead#1{%
13304     \vspace*{50\p@}%
13305     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
13306         \ifnum \c@secnumdepth >\m@ne
13307             \huge\bfseries \@chapapp\space \thechapter
13308             \par\nobreak
13309             \vskip 20\p@
13310         \fi
13311         \interlinepenalty\@M
13312         \Huge \bfseries #1\par\nobreak
13313         \vskip 40\p@
13314     }}
13315 \def\@makeschapterhead#1{%
13316     \vspace*{50\p@}%
13317     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
13318         \normalfont
13319         \interlinepenalty\@M
13320         \Huge \bfseries #1\par\nobreak
13321         \vskip 40\p@
13322     }}
13323 \renewenvironment{thebibliography}[1]
13324     {\chapter*{\bibname}%
13325         \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
13326         \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13327         \list{\@biblabel{\@arabic\c@enumiv}}%
13328             {\settowidth\labelwidth{\@biblabel{#1}}%
13329             \leftmargin\labelwidth
13330             \advance\leftmargin\labelsep
13331             \@openbib@code
13332             \usecounter{enumiv}%
13333             \let\p@enumiv\@empty
13334             \renewcommand\theenumiv{\@arabic\c@enumiv}}%
13335     \sloppy
13336     \clubpenalty4000
13337     \@clubpenalty \clubpenalty
13338     \widowpenalty4000%
13339     \sfcode`\.\@m}
13340 {\def\@noitemerr
13341     {\@latex@warning{Empty `thebibliography' environment}}%
13342     \endlist}

```



7.95 rotating-xetex-bidi.def

```

13343 \ProvidesFile{rotating-xetex-bidi.def}[2013/05/22 v0.2 bidi adaptations for rotating package for
13344 \def\end@rotfloat{%
13345   \end{minipage}\end{lrbox}%
13346   \stepcounter{r@tfl@t}%
13347   \rot@label{RF\ther@tfl@t}%
13348   \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13349   \edef\@tempa{Adding sideways \@capytype\space on page \R@@page\space}
13350   \rot@mess@toks\expandafter{\@tempa}
13351   \wd\rot@float@box\z@
13352   \ht\rot@float@box\z@
13353   \dp\rot@float@box\z@
13354   \vboxL to \textheight{%
13355     \setkeys{Grot}{units=360}%
13356     \if@rot@twoside
13357       \else
13358         \let\R@@page\rot@LR
13359       \fi
13360       \ifthenelse{\isodd{\R@@page}}{%
13361         \if@rot@twoside
13362           \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
13363         \fi
13364         \vfill
13365         \@@line{%
13366           \hskip\rotFPtop
13367           \rotatebox{90}{\box\rot@float@box}%
13368           \hskip\rotFPbot
13369         }%
13370       }{%
13371         \if@rot@twoside
13372           \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
13373         \fi
13374         \@@line{%
13375           \hskip\rotFPbot
13376           \rotatebox{-90}{\box\rot@float@box}%
13377           \hskip\rotFPtop
13378         }%
13379         \vfill
13380       }%
13381       \rot@message{\the\rot@mess@toks}
13382     }%
13383   \end@float
13384 }
13385 \let\endsidewaysfigure\end@rotfloat
13386 \let\endsidewaysstable\end@rotfloat
13387 \def\end@rotdblfloat{%
13388   \end{minipage}\end{lrbox}%
13389   \stepcounter{r@tfl@t}%
13390   \rot@label{RF\ther@tfl@t}%

```



```

13391 \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13392 \edef\@tempa{Adding sideways \@capytype\space on page \R@@page\space}
13393 \rot@mess@toks\expandafter{\@tempa}
13394 \@tempdima\ht\rot@float@box
13395 \advance\@tempdima by \dp\rot@float@box
13396 \wd\rot@float@box\z@
13397 \ht\rot@float@box\z@
13398 \dp\rot@float@box\z@
13399 \vboxL to \textheight{%
13400   \setkeys{Grot}{units=360}%
13401   \if@rot@twoside
13402   \else
13403     \let\R@@page\rot@LR
13404   \fi
13405   \ifthenelse{\isodd{\R@@page}}{%
13406     \ifrot@messages
13407       \if@rot@twoside
13408       \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}}%
13409 \fi
13410   \fi
13411   \vfill
13412   \@@line{%
13413     \hskip\rotFPtop
13414     \rotatebox{90}{\box\rot@float@box}%
13415     \hskip\rotFPbot
13416   }%
13417   }{%
13418     \ifrot@messages
13419       \if@rot@twoside
13420       \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}}%
13421 \fi
13422   \fi%
13423   \@@line{%
13424     \hskip\rotFPbot
13425     \rotatebox{-90}{\box\rot@float@box}%
13426     \hskip\rotFPtop
13427   }%
13428   \vfill
13429   }%
13430   \rot@message{\the\rot@mess@toks}%
13431   }%
13432 \end@dblfloat
13433 }
13434 \def\turn#1{%
13435   \Grot@setangle{#1}%
13436   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13437 \def\endturn{%
13438   \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13439   \unskip\color@endbox
13440   \Grot@x\z@

```



```

13441 \Grot@y\z@
13442 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13443 }
13444 \def\rotate#1{%
13445 \Grot@setangle{#1}%
13446 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13447 \def\endrotate{%
13448 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13449 \unskip\color@endbox
13450 \Grot@x\z@
13451 \Grot@y\z@
13452 \wd0\z@\dp0\z@\ht0\z@
13453 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13454 }
13455 \def\turnbox#1#2{%
13456 \Grot@setangle{#1}%
13457 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi#2\ifmmode\if@RTL\endR\fi\fi}
13458 \Grot@x\z@\Grot@y\z@
13459 \wd0\z@\dp0\z@\ht0\z@
13460 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13461 }
13462 \def\sideways{%
13463 \Grot@setangle{90}%
13464 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13465 \def\endsideways{%
13466 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13467 \unskip\color@endbox
13468 \Grot@x\z@
13469 \Grot@y\z@
13470 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13471 }

```

7.96 scrartcl-xetex-bidi.def

```

13472 \ProvidesFile{scrartcl-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrartcl class for Xe
13473 \newcommand{\scr@saved@LTRfootnotetext}{}
13474 \newcommand{\scr@saved@RTLfootnotetext}{}
13475 \let\scr@saved@footnotetext\@footnotetext
13476 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13477 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13478 \renewcommand{\@footnotetext}[1]{%
13479 \scr@saved@footnotetext{#1}%
13480 \csname FN@mfp@prepare\endcsname
13481 }
13482 \renewcommand{\@LTRfootnotetext}[1]{%
13483 \scr@saved@LTRfootnotetext{#1}%
13484 \csname FN@mfp@prepare\endcsname
13485 }
13486 \renewcommand{\@RTLfootnotetext}[1]{%
13487 \scr@saved@RTLfootnotetext{#1}%

```



```

13488 \csname FN@mfb@prepare\endcsname
13489 }
13490 \renewcommand\deffootnote[4] [] {%
13491 \long\def\@makefnmark##1{%
13492 \setlength{\@tempdimc}{#3}%
13493 \def\@tempa{#1}\ifx\@tempa\@empty
13494 \setpar{\@par
13495 \@tempdima = \hspace
13496 \addtolength{\@tempdima}{-#2}%
13497 \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13498 \else
13499 \addtolength{\@tempdimc}{#2}%
13500 \addtolength{\@tempdimc}{-#1}%
13501 \setpar{\@par
13502 \@tempdima = \hspace
13503 \addtolength{\@tempdima}{-#1}%
13504 \@tempdimb = \hspace
13505 \addtolength{\@tempdimb}{-#2}%
13506 \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@t
13507 }%
13508 \fi
13509 \par
13510 \parindent\@tempdimc\noindent
13511 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13512 }%
13513 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
13514 }
13515 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13516 \renewcommand*\left@footnoterule{%
13517 \normalsize\ftn@rule@test@values
13518 \kern-\dimexpr 2.6\p+ \ftn@rule@height\relax
13519 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13520 {\usekomafont{footnoterule}{%
13521 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13522 \kern 2.6\p@}
13523 \renewcommand*\right@footnoterule{%
13524 \hbox to \columnwidth
13525 {\beginR \vbox{\kern -3\p@
13526 \normalsize\ftn@rule@test@values
13527 \kern-\dimexpr 2.6\p+ \ftn@rule@height\relax
13528 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13529 {\usekomafont{footnoterule}{%
13530 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13531 \kern 2.6\p@}\hfil\endR}}
13532 \renewcommand*\maketitle[1] [1] {%
13533 \if@titlepage
13534 \begin{titlepage}
13535 \setcounter{page}{%
13536 #1%
13537 }%

```




```

13538 \let\footnotesize\small
13539 \let\right@footnoterule\relax
13540 \let\left@footnoterule\relax
13541 \let\textwidth@footnoterule\relax
13542 \let\footnote\thanks
13543 \let\LTRfootnote\LTRthanks
13544 \let\RTLfootnote\RTLthanks
13545 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13546 \let\@oldmakefnmark\@makefnmark
13547 \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
13548 \ifx\@extratitle\@empty \else
13549 \noindent\@extratitle\next@tpage\cleardoubleemptypage
13550 \thispagestyle{empty}%
13551 \fi
13552 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13553 \ifx\@titlehead\@empty \else
13554 \begin{minipage}[t]{\textwidth}%
13555 \@titlehead
13556 \end{minipage}\par
13557 \fi
13558 \null\vfill
13559 \begin{center}
13560 \ifx\@subject\@empty \else
13561 {\subject@font \@subject \par}%
13562 \vskip 3em
13563 \fi
13564 {\titlefont\huge \@title\par}%
13565 \vskip 1em
13566 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13567 \vskip 2em
13568 {\Large \lineskip 0.75em
13569 \begin{tabular}[t]{c}
13570 \@author
13571 \end{tabular}}\par
13572 }%
13573 \vskip 1.5em
13574 {\Large \@date \par}%
13575 \vskip \z@ \@plus3fill
13576 {\Large \@publishers \par}%
13577 \vskip 3em
13578 \end{center}\par
13579 \@thanks
13580 \vfill\null
13581 \if@twoside\next@tpage
13582 \begin{minipage}[t]{\textwidth}
13583 \@uppertitleback
13584 \end{minipage}\par
13585 \vfill
13586 \begin{minipage}[b]{\textwidth}
13587 \@lowertitleback

```



```

13588         \end{minipage}
13589     \fi
13590     \ifx\@dedication\@empty \else
13591         \next@tpage\null\vfill
13592         {\centering \Large \@dedication \par}%
13593         \vskip \z@ \@plus3fill
13594         \if@twoside \next@tpage\cleardoubleemptypage \fi
13595     \fi
13596 \end{titlepage}
13597 \else
13598     \par
13599     \@tempcnta=%
13600     #1%
13601     \relax\ifnum\@tempcnta=1\else
13602         \ClassWarning{KOMAClassName}{%
13603             Optional argument of \string\maketitle\space ignored
13604             at\MessageBreak
13605             notitlepage-mode%
13606         }%
13607     \fi
13608     \begingroup
13609         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13610         \let\@oldmakefnmark\@makefnmark
13611         \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}
13612         \if@twocolumn
13613             \ifnum \col@number=\@one
13614                 \@maketitle
13615             \else
13616                 \twocolumn[\@maketitle]%
13617             \fi
13618         \else
13619             \newpage
13620             \global\@topnum\z@
13621             \@maketitle
13622         \fi
13623         \thispagestyle{\titlepagestyle}\@thanks
13624     \endgroup
13625 \fi
13626 \setcounter{footnote}{0}%
13627 \let\thanks\relax
13628 \let\LTRthanks\relax
13629 \let\RTLthanks\relax
13630 \let\maketitle\relax
13631 \let\@maketitle\relax
13632 \global\let\@thanks\@empty
13633 \global\let\@author\@empty
13634 \global\let\@date\@empty
13635 \global\let\@title\@empty
13636 \global\let\@subtitle\@empty
13637 \global\let\@extratitle\@empty

```



```

13638 \global\let\@titlehead\@empty
13639 \global\let\@subject\@empty
13640 \global\let\@publishers\@empty
13641 \global\let\@uppertitleback\@empty
13642 \global\let\@lowertitleback\@empty
13643 \global\let\@dedication\@empty
13644 \global\let\author\relax
13645 \global\let\title\relax
13646 \global\let\extratitle\relax
13647 \global\let\titlehead\relax
13648 \global\let\subject\relax
13649 \global\let\publishers\relax
13650 \global\let\uppertitleback\relax
13651 \global\let\lowertitleback\relax
13652 \global\let\dedication\relax
13653 \global\let\date\relax
13654 \global\let\and\relax
13655 }%
13656 \renewcommand*{\@maketitle}{%
13657 \clearpage
13658 \let\footnote\thanks
13659 \let\LTRfootnote\LTRthanks
13660 \let\RTLfootnote\RTLthanks
13661 \ifx\@extratitle\@empty \else
13662 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
13663 \fi
13664 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updatezerelative
13665 \ifx\@titlehead\@empty \else
13666 \begin{minipage}[t]{\textwidth}
13667 \@titlehead
13668 \end{minipage}\par
13669 \fi
13670 \null
13671 \vskip 2em%
13672 \begin{center}%
13673 \ifx\@subject\@empty \else
13674 {\subject@font \@subject \par}
13675 \vskip 1.5em
13676 \fi
13677 {\titlefont\huge \@title \par}%
13678 \vskip .5em
13679 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13680 \vskip 1em
13681 {\Large
13682 \lineskip .5em%
13683 \begin{tabular}[t]{c}
13684 \@author
13685 \end{tabular}\par
13686 }%
13687 \vskip 1em%

```



```

13688     {\Large \@date \par}%
13689     \vskip \z@ \@plus 1em
13690     {\Large \@publishers \par}
13691     \ifx\@dedication\@empty \else
13692         \vskip 2em
13693         {\Large \@dedication \par}
13694     \fi
13695 \end{center}%
13696 \par
13697 \vskip 2em
13698 }%
13699 \renewcommand*{\l@part[2]{%
13700     \ifnum \c@tocdepth >\m@ne\relax
13701         \addpenalty{\@secpenalty}%
13702         \addvspace{2.25em \@plus\p@}%
13703         \setlength{\@tempdima}{2em}%
13704         \if@tocleft
13705             \ifx\toc@l@number\@empty\else
13706                 \setlength{\@tempdima}{0\toc@l@number}%
13707             \fi
13708         \fi
13709         \begingroup
13710             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13711             \parfillskip -\@pnumwidth
13712             \leavevmode
13713             \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
13714             \hskip -\if@RTL\rightskip\else\leftskip\fi
13715             {\usekomafont{partentry}{\#1\nobreak
13716                 \usekomafont{partentrypagenumber}{\hfil\nobreak
13717                     \hb@xt@\@pnumwidth{\hss\#2}}}\par
13718             \ifnum \scr@compatibility>\@nameuse{scr@v02.96}\relax
13719             \endgroup
13720             \penalty20010
13721         \else
13722             \if@compatibility
13723                 \global\@nobreaktrue
13724                 \everypar{\global\@nobreakfalse\everypar{}}%
13725             \else
13726                 \penalty\@highpenalty
13727             \fi
13728         \endgroup
13729     \fi
13730 \fi
13731 }
13732 \renewcommand*{\l@section[2]{%
13733     \ifnum \c@tocdepth >\z@
13734         \ifnum \lastpenalty<20009
13735             \addpenalty{\@secpenalty}%
13736         \fi
13737         \addvspace{1.0em \@plus\p@}%

```



```

13738 \setlength\@tempdima{1.5em}%
13739 \if@tocleft
13740 \ifx\toc@l@number\@empty\else
13741 \setlength\@tempdima{0\toc@l@number}%
13742 \fi
13743 \fi
13744 \begingroup
13745 \raggedsectionentry
13746 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13747 \parfillskip -\@pnumwidth
13748 \interlinepenalty\@M
13749 \leavevmode
13750 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightsk
13751 {\usekomafont{sectionentry}{#1\nobreak
13752 \usekomafont{sectionentrypagenumber}{\%
13753 \hfill\nobreak
13754 \hb@xt@\@pnumwidth{\hss#2}}}\par
13755 \endgroup
13756 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13757 \penalty20008
13758 \fi
13759 \fi
13760 }
13761 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
13762 \def\raggedpart{\if@RTL\raggedleft\else\raggedright\fi}
13763 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
13764 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@section}
13765 \renewcommand*{\thesubsubsection}{\%
13766 \thesubsection\@SepMark\@arabic\c@subsubsection
13767 }
13768 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
13769 \renewcommand*{\thesubparagraph}{\%
13770 \theparagraph\@SepMark\@arabic\c@subparagraph
13771 }
13772 \renewenvironment{thebibliography}[1]{\%
13773 \if@bib@break@
13774 \bib@beginhook
13775 \else
13776 \bib@heading
13777 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
13778 \noindent\bibpreamble\par\nobreak
13779 \fi\fi
13780 \bib@beginhook
13781 \bib@before@hook
13782 \fi
13783 \renewcommand{\BreakBibliography}[1]{\%
13784 \@bib@break
13785 \end{thebibliography}%
13786 \begingroup ##1\endgroup
13787 \begin{thebibliography}{#1}

```



```

13788 }%
13789 \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
13790 \list{%
13791   \@biblabel{\@arabic\c@enumiv}%
13792 }{%
13793   \settowidth\labelwidth{\@biblabel{#1}}%
13794   \leftmargin\labelwidth
13795   \advance\leftmargin\labelsep
13796   \@openbib@code
13797   \if@bib@break@
13798     \edef\@tempa{%
13799       \noexpand\usecounter{enumiv}%
13800       \noexpand\setcounter{enumiv}{\the\c@enumiv}%
13801     }\@tempa
13802     \no@bib@break
13803   \else
13804     \usecounter{enumiv}%
13805   \fi
13806   \let\p@enumiv\@empty
13807   \renewcommand*\theenumiv{\@arabic\c@enumiv}%
13808 }%
13809 \sloppy\clubpenalty4000 \widowpenalty4000
13810 \sfcode`\.=\@m
13811 }{%
13812 \if@bib@break@
13813   \def\@noitemerr{%
13814     \@latex@warning{%
13815       \string\BreakBibliography\space at begin of `thebibliography'
13816       environment\MessageBreak
13817       or following \string\BreakBibliography}%
13818   }%
13819 \else
13820   \def\@noitemerr{%
13821     \@latex@warning{%
13822       Empty `thebibliography' environment or
13823       \string\BreakBibliography\MessageBreak
13824       before end of `thebibliography' environment}%
13825   }%
13826 \fi
13827 \endlist
13828 \if@bib@break@
13829 \else
13830   \bib@after@hook
13831   \let\bib@before@hook\@empty
13832   \let\bib@after@hook\@empty
13833 \fi
13834 \bib@endhook
13835 }
13836 \renewcommand*\left@footnoterule{%
13837   \kern-3\p@

```



```

13838 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13839 \hrule\@width.4\columnwidth
13840 \kern 2.6\p@}
13841 \renewcommand*\right@footnoterule{%
13842 \hbox to \columnwidth
13843 {\beginR \vbox{%
13844 \kern-3\p@
13845 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13846 \hrule\@width.4\columnwidth
13847 \kern 2.6\p@}\hfil\endR}}
13848 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
13849 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
13850 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
13851 \renewcommand\marginline[1]{%
13852 \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
13853 }
13854 \renewcommand{\@makecaption}[3]{%
13855 \cap@margin
13856 \ifonelinecaptions
13857 \let\@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
13858 \let\scr@tmp@footnotetext=\@footnotetext
13859 \let\@footnotetext=\@gobble
13860 \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
13861 \let\@LTRfootnotetext=\@gobble
13862 \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
13863 \let\@RTLfootnotetext=\@gobble
13864 \sbox\@tempboxa{%
13865 {\capfont{\strut\ignorespaces
13866 #1{\caplabelfont{#2\captionformat}}}%
13867 #3\unskip\strut}}%
13868 }%
13869 \let\@footnotetext=\scr@tmp@footnotetext
13870 \let\scr@tmp@footnotetext=\undefined
13871 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
13872 \let\scr@tmp@LTRfootnotetext=\undefined
13873 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
13874 \let\scr@tmp@RTLfootnotetext=\undefined
13875 \setcounter{footnote}{\@tempcntb}%
13876 \setcounter{mpfootnote}{\@tempcnta}%
13877 \else
13878 \sbox\@tempboxa{\hspace*{2\cap@width}}%
13879 \fi
13880 \begingroup%
13881 \setlength{\@tempdima}{\cap@width}%
13882 \ifdim \wd\@tempboxa >\@tempdima
13883 \hb@xt@\hsize{%
13884 \setbox\@tempboxa\vbox{\hsize=\cap@width
13885 \ifdofullc@p
13886 {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
13887 #1{\caplabelfont{#2\captionformat}}}}}%

```



```

13888         {#3\unskip\strut\par}}}%
13889     \else%
13890         \ifdim\cap@indent<\z@
13891             {\capfont{\strut\ignorespaces
13892                 #1{\caplabelfont{#2\captionformat\par}}}%
13893                 \noindent\hspace*{-\cap@indent}#3\unskip\strut\par}}}%
13894         \else%
13895             \if@capbreak
13896                 {\capfont{\strut\ignorespaces
13897                     #1{\caplabelfont{#2\captionformat\par}}}%
13898                     \noindent\@hangfrom{\hspace*{\cap@indent}}{#3\par}}}%
13899             \else
13900                 {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}%
13901                     {\hspace{-\cap@indent}\scr@smashdp{\ignorespaces#1%
13902                         {\caplabelfont{#2\captionformat}}}}#3\unskip\strut\par}}}%
13903                 \fi
13904             \fi
13905         \fi
13906     }%
13907     \setlength{\@tempdima}{\ht\@tempboxa}%
13908     \addtolength{\@tempdima}{\dp\@tempboxa}%
13909     \addtolength{\@tempdima}{-\ht\strutbox}%
13910     \ht\@tempboxa\ht\strutbox
13911     \dp\@tempboxa\@tempdima
13912     \strut\cap@left
13913     \box\@tempboxa
13914     \cap@right\strut
13915 }%
13916 \else
13917     \global \@minipagefalse
13918     \sbox\@tempboxa{%
13919         {\capfont{\scr@smashdp{\strut\ignorespaces
13920             #1{\caplabelfont{#2\captionformat}}}%
13921             #3}}}%
13922     }%
13923     {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\cap@right\strut}}
13924     \fi
13925 \endgroup
13926 }
13927 \renewcommand{\@makecaption}[2]{%
13928     \if@captionabove
13929         \vskip\belowcaptionskip
13930     \else
13931         \vskip\abovecaptionskip
13932     \fi
13933     \@@makecaption\@firstofone{#1}{#2}%
13934     \if@captionabove
13935         \vskip\abovecaptionskip
13936     \else
13937         \vskip\belowcaptionskip

```




```

13938 \fi
13939 }

```

7.97 scrbook-xetex-bidi.def

```

13940 \ProvidesFile{scrbook-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrbook class for XeT
13941 \newcommand{\scr@saved@LTRfootnotetext}{}
13942 \newcommand{\scr@saved@RTLfootnotetext}{}
13943 \let\scr@saved@footnotetext\@footnotetext
13944 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13945 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13946 \renewcommand{\@footnotetext}[1]{%
13947   \scr@saved@footnotetext{#1}%
13948   \csname FN@mf@prepare\endcsname
13949 }
13950 \renewcommand{\@LTRfootnotetext}[1]{%
13951   \scr@saved@LTRfootnotetext{#1}%
13952   \csname FN@mf@prepare\endcsname
13953 }
13954 \renewcommand{\@RTLfootnotetext}[1]{%
13955   \scr@saved@RTLfootnotetext{#1}%
13956   \csname FN@mf@prepare\endcsname
13957 }
13958 \renewcommand\deffootnote[4][1]{%
13959   \long\def\@makefnmark##1{%
13960     \setlength{\@tempdimc}{#3}%
13961     \def\@tempa{#1}\ifx\@tempa\@empty
13962       \setpar{\@par
13963         \@tempdima = \hsize
13964         \addtolength{\@tempdima}{-#2}%
13965         \ifRTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13966       \else
13967         \addtolength{\@tempdimc}{#2}%
13968         \addtolength{\@tempdimc}{-#1}%
13969         \setpar{\@par
13970           \@tempdima = \hsize
13971           \addtolength{\@tempdima}{-#1}%
13972           \@tempdimb = \hsize
13973           \addtolength{\@tempdimb}{-#2}%
13974           \ifRTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@t
13975         }%
13976       \fi
13977       \par
13978       \parindent\@tempdimc\noindent
13979       \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13980     }%
13981     \def\@makefnmark{\hbox{\ftnm@font{#4}}}%
13982   }
13983   \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13984   \renewcommand*\left@footnoterule{%

```



```

13985 \normalsize\ftn@rule@test@values
13986 \kern-\dimexpr 2.6\p+ \ftn@rule@height\relax
13987 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13988 {\usekomafont{footnoterule}{%
13989     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13990 \kern 2.6\p@}
13991 \renewcommand*\right@footnoterule{%
13992     \hbox to \columnwidth
13993     {\beginR \vbox{\kern -3\p@
13994         \normalsize\ftn@rule@test@values
13995         \kern-\dimexpr 2.6\p+ \ftn@rule@height\relax
13996         \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13997         {\usekomafont{footnoterule}{%
13998             \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13999         \kern 2.6\p@}\hfil\endR}}
14000 \renewcommand*\maketitle[1][1]{%
14001     \if@titlepage
14002         \begin{titlepage}
14003             \setcounter{page}{%
14004                 #1%
14005             }%
14006             \let\footnotesize\small
14007             \let\right@footnoterule\relax
14008             \let\left@footnoterule\relax
14009             \let\textwidth@footnoterule\relax
14010             \let\footnote\thanks
14011             \let\LTRfootnote\LTRthanks
14012             \let\RTLfootnote\RTLthanks
14013             \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14014             \let\@oldmakefnmark\@makefnmark
14015             \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}%
14016             \ifx\@extratitle\@empty \else
14017                 \noindent\@extratitle\next@tpage\cleardoubleemptypage
14018                 \thispagestyle{empty}%
14019             \fi
14020             \setparsizes{\z@}{\z@}{\z@ \@plus 1fil}\par@updaterelative
14021             \ifx\@titlehead\@empty \else
14022                 \begin{minipage}[t]{\textwidth}%
14023                     \@titlehead
14024                 \end{minipage}\par
14025             \fi
14026             \null\vfill
14027             \begin{center}
14028                 \ifx\@subject\@empty \else
14029                     {\subject@font \@subject \par}%
14030                     \vskip 3em
14031                 \fi
14032                 {\titlefont\huge \@title\par}%
14033                 \vskip 1em
14034                 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%

```



```

14035     \vskip 2em
14036     {\Large \lineskip 0.75em
14037       \begin{tabular}[t]{c}
14038         \@author
14039       \end{tabular}\par
14040     }%
14041     \vskip 1.5em
14042     {\Large \@date \par}%
14043     \vskip \z@ \@plus3fill
14044     {\Large \@publishers \par}%
14045     \vskip 3em
14046   \end{center}\par
14047   \@thanks
14048   \vfill\null
14049   \if@twoside\next@tpage
14050     \begin{minipage}[t]{\textwidth}
14051       \@uppertitleback
14052     \end{minipage}\par
14053     \vfill
14054     \begin{minipage}[b]{\textwidth}
14055       \@lowertitleback
14056     \end{minipage}
14057   \fi
14058   \ifx\@dedication\@empty \else
14059     \next@tpage\null\vfill
14060     {\centering \Large \@dedication \par}%
14061     \vskip \z@ \@plus3fill
14062     \if@twoside \next@tpage\cleardoubleemptypage \fi
14063   \fi
14064   \end{titlepage}
14065 \else
14066   \par
14067   \@tempcnta=%
14068   #1%
14069   \relax\ifnum\@tempcnta=1\else
14070     \ClassWarning{KOMAClassName}{%
14071       Optional argument of \string\maketitle\space ignored
14072       at\MessageBreak
14073       notitlepage-mode%
14074     }%
14075   \fi
14076   \begingroup
14077     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14078     \let\@oldmakefnmark\@makefnmark
14079     \renewcommand*{\@makefnmark}{\rlap\@oldmakefnmark}
14080     \if@twocolumn
14081       \ifnum \col@number=\@ne
14082         \@maketitle
14083       \else
14084         \twocolumn[\@maketitle]%

```



```

14085         \fi
14086     \else
14087         \newpage
14088         \global\@topnum\z@
14089         \@maketitle
14090     \fi
14091     \thispagestyle{\titlepagestyle}\@thanks
14092 \endgroup
14093 \fi
14094 \setcounter{footnote}{0}%
14095 \let\thanks\relax
14096 \let\LTRthanks\relax
14097 \let\RTLthanks\relax
14098 \let\maketitle\relax
14099 \let\@maketitle\relax
14100 \global\let\@thanks\@empty
14101 \global\let\@author\@empty
14102 \global\let\@date\@empty
14103 \global\let\@title\@empty
14104 \global\let\@subtitle\@empty
14105 \global\let\@extratitle\@empty
14106 \global\let\@titlehead\@empty
14107 \global\let\@subject\@empty
14108 \global\let\@publishers\@empty
14109 \global\let\@uppertitleback\@empty
14110 \global\let\@lowertitleback\@empty
14111 \global\let\@dedication\@empty
14112 \global\let\author\relax
14113 \global\let\title\relax
14114 \global\let\extratitle\relax
14115 \global\let\titlehead\relax
14116 \global\let\subject\relax
14117 \global\let\publishers\relax
14118 \global\let\uppertitleback\relax
14119 \global\let\lowertitleback\relax
14120 \global\let\dedication\relax
14121 \global\let\date\relax
14122 \global\let\and\relax
14123 }%
14124 \renewcommand*{\@maketitle}{%
14125     \clearpage
14126     \let\footnote\thanks
14127     \let\LTRfootnote\LTRthanks
14128     \let\RTLfootnote\RTLthanks
14129     \ifx\@extratitle\@empty \else
14130         \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
14131     \fi
14132     \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14133     \ifx\@titlehead\@empty \else
14134         \begin{minipage}[t]{\textwidth}

```



```

14135     \@titlehead
14136     \end{minipage}\par
14137 \fi
14138 \null
14139 \vskip 2em%
14140 \begin{center}%
14141     \ifx\@subject\@empty \else
14142         {\subject@font \@subject \par}
14143         \vskip 1.5em
14144     \fi
14145     {\titlefont\huge \@title \par}%
14146     \vskip .5em
14147 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14148 \vskip 1em
14149 {\Large
14150     \lineskip .5em%
14151     \begin{tabular}[t]{c}
14152         \@author
14153     \end{tabular}\par
14154 }%
14155 \vskip 1em%
14156 {\Large \@date \par}%
14157 \vskip \@z \@plus 1em
14158 {\Large \@publishers \par}
14159 \ifx\@dedication\@empty \else
14160     \vskip 2em
14161     {\Large \@dedication \par}
14162 \fi
14163 \end{center}%
14164 \par
14165 \vskip 2em
14166 }%
14167 \renewcommand*{\l@part[2]}{%
14168     \ifnum \c@tocdepth >-2\relax
14169         \addpenalty{-\@highpenalty}%
14170         \addvspace{2.25em \@plus\p@}%
14171         \setlength{\@tempdima}{2em}%
14172         \if@tocleft
14173             \ifx\toc@l@number\@empty\else
14174                 \setlength{\@tempdima}{0\toc@l@number}%
14175             \fi
14176         \fi
14177         \begingroup
14178             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14179             \parfillskip -\@pnumwidth
14180             \leavevmode
14181             \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
14182             \hskip -\if@RTL\rightskip\else\leftskip\fi
14183             {\usekomafont{partentry}\#1\nobreak
14184              \usekomafont{partentrypagenumber}{\hfil\nobreak

```



```

14185         \hb@xt@{\pnumwidth{\hss#2}}}\par
14186         \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14187         \endgroup
14188         \penalty20010
14189         \else
14190         \penalty\@highpenalty
14191         \endgroup
14192     \fi
14193 \fi
14194 } \renewcommand*\l@part[2]{%
14195     \ifnum \c@tocdepth >-2\relax
14196     \addpenalty{-\@highpenalty}%
14197     \addvspace{2.25em \@plus\p@}%
14198     \setlength{\@tempdima}{2em}%
14199     \if@tocleft
14200         \ifx\toc@l@number\@empty\else
14201         \setlength{\@tempdima}{0\toc@l@number}%
14202         \fi
14203     \fi
14204     \begingroup
14205     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \pnumwidth
14206     \parfillskip -\pnumwidth
14207     \leavevmode
14208     \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
14209     \hskip -\if@RTL\rightskip\else\leftskip\fi
14210     {\usekomafont{partentry}{#1\nobreak
14211     \usekomafont{partentrypagenumber}{\hfil\nobreak
14212     \hb@xt@{\pnumwidth{\hss#2}}}\par
14213     \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14214     \endgroup
14215     \penalty20010
14216     \else
14217     \penalty\@highpenalty
14218     \endgroup
14219     \fi
14220 \fi
14221 }
14222 \renewcommand*\l@chapter[2]{%
14223     \ifnum \c@tocdepth >\m@ne
14224     \ifnum \lastpenalty<20010
14225     \addpenalty{-\@highpenalty}%
14226     \fi
14227     \vskip 1.0em \@plus\p@
14228     \setlength{\@tempdima}{1.5em}%
14229     \if@tocleft
14230         \ifx\toc@l@number\@empty\else
14231         \setlength{\@tempdima}{0\toc@l@number}%
14232         \fi
14233     \fi
14234     \begingroup

```



```

14235     \raggedchapterentry
14236     \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14237     \parfillskip -\@pnumwidth
14238     \interlinepenalty\@M
14239     \leavevmode
14240     \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightsk
14241     {\usekomafont{chapterentry}{#1\nobreak
14242     \usekomafont{chapterentrypagenumber}{\%
14243     \hfill\nobreak
14244     \hb@xt@\@pnumwidth{\hss#2}}}\par
14245     \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14246     \endgroup
14247     \penalty20009
14248     \else
14249     \penalty\@highpenalty
14250     \endgroup
14251     \fi
14252     \fi
14253 }
14254 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
14255 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
14256 \renewcommand*\thesection{%
14257     \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
14258     \if@mainmatter\thechapter\@SepMark\fi
14259     \else
14260     \thechapter\@SepMark%
14261     \fi
14262     \@arabic\c@section
14263 }
14264 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
14265 \renewcommand*{\thesubsubsection}{\%
14266     \thesubsection\@SepMark\@arabic\c@subsubsection
14267 }
14268 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
14269 \renewcommand*{\thesubparagraph}{\%
14270     \theparagraph\@SepMark\@arabic\c@subparagraph
14271 }
14272 \renewcommand*\thefigure{%
14273     \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
14274     \if@mainmatter\thechapter\@SepMark\fi
14275     \else
14276     \thechapter\@SepMark%
14277     \fi
14278     \@arabic\c@figure
14279 }
14280 \renewcommand*\thetable{%
14281     \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
14282     \if@mainmatter\thechapter\@SepMark\fi
14283     \else
14284     \thechapter\@SepMark%

```



```

14285 \fi
14286 \@arabic\c@table
14287 }
14288 \renewcommand*\theequation{%
14289 \ifnum \scr@compatibility>\@nameuse{scr@v02.97d}\relax
14290 \if@mainmatter\thechapter\@SepMark\fi
14291 \else
14292 \thechapter\@SepMark%
14293 \fi
14294 \@arabic\c@equation
14295 }
14296 \renewenvironment{thebibliography}[1]{%
14297 \if@bib@break@
14298 \bib@beginhook
14299 \else
14300 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
14301 \setchapterpreamble{\bibpreamble}%
14302 \fi\fi
14303 \bib@heading
14304 \bib@beginhook
14305 \bib@before@hook
14306 \fi
14307 \renewcommand{\BreakBibliography}[1]{%
14308 \@bib@break
14309 \end{thebibliography}%
14310 \begingroup ##1\endgroup
14311 \begin{thebibliography}{#1}
14312 }%
14313 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
14314 \list{%
14315 \@biblabel{\@arabic\c@enumiv}%
14316 }{%
14317 \settowidth\labelwidth{\@biblabel{#1}}%
14318 \leftmargin\labelwidth
14319 \advance\leftmargin\labelsep
14320 \@openbib@code
14321 \if@bib@break@
14322 \edef\@tempa{%
14323 \noexpand\usecounter{enumiv}%
14324 \noexpand\setcounter{enumiv}{\the\c@enumiv}%
14325 }\@tempa
14326 \no@bib@break
14327 \else
14328 \usecounter{enumiv}%
14329 \fi
14330 \let\p@enumiv\@empty
14331 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
14332 }%
14333 \sloppy\clubpenalty4000 \widowpenalty4000
14334 \sfcode`\.=\@m

```




```

14335 }{
14336   \if@bib@break@
14337   \def\@noitemerr{%
14338     \@latex@warning{%
14339       \string\BreakBibliography\space at begin of `thebibliography'
14340       environment\MessageBreak
14341       or following \string\BreakBibliography}%
14342   }%
14343   \else
14344     \def\@noitemerr{%
14345       \@latex@warning{%
14346         Empty `thebibliography' environment or
14347         \string\BreakBibliography\MessageBreak
14348         before end of `thebibliography' environment}%
14349     }%
14350   \fi
14351   \endlist
14352   \if@bib@break@
14353   \else
14354     \bib@after@hook
14355     \let\bib@before@hook\@empty
14356     \let\bib@after@hook\@empty
14357   \fi
14358   \bib@endhook
14359 }
14360 \renewcommand*\left@footnoterule{%
14361   \kern-3\p@
14362   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14363   \hrule\@width.4\columnwidth
14364   \kern 2.6\p@}
14365 \renewcommand*\right@footnoterule{%
14366   \hbox to \columnwidth
14367   {\beginR \vbox{%
14368     \kern-3\p@
14369     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14370     \hrule\@width.4\columnwidth
14371     \kern 2.6\p@}\hfil\endR}}
14372 \renewcommand*\raggeddictum{\if@RTL\raggedright\else\raggedleft\fi}
14373 \renewcommand*\raggeddictumtext{\if@RTL\raggedleft\else\raggedright\fi}
14374 \renewcommand*\raggeddictumauthor{\if@RTL\raggedright\else\raggedleft\fi}
14375 \renewcommand\marginline[1]{%
14376   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
14377 }
14378 \renewcommand{\@makecaption}[3]{%
14379   \cap@margin
14380   \ifonelinecaptions
14381     \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14382     \let\scr@tmp@footnotetext=\@footnotetext
14383     \let\@footnotetext=\@gobble
14384     \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext

```



```

14385 \let\@LTRfootnotetext=\@gobble
14386 \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14387 \let\@RTLfootnotetext=\@gobble
14388 \sbox\@tempboxa{%
14389   {\capfont{\strut\ignorespaces
14390     #1{\caplabelfont{#2\captionformat}}}%
14391     #3\unskip\strut}}%
14392 }%
14393 \let\@footnotetext=\scr@tmp@footnotetext
14394 \let\scr@tmp@footnotetext=\undefined
14395 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14396 \let\scr@tmp@LTRfootnotetext=\undefined
14397 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14398 \let\scr@tmp@RTLfootnotetext=\undefined
14399 \setcounter{footnote}{\@tempcntb}%
14400 \setcounter{mpfootnote}{\@tempcnta}%
14401 \else
14402   \sbox\@tempboxa{\hspace*{2\cap@width}}%
14403 \fi
14404 \begingroup%
14405   \setlength{\@tempdima}{\cap@width}%
14406   \ifdim \wd\@tempboxa >\@tempdima
14407     \hb@xt@\hsize{%
14408       \setbox\@tempboxa\vbox{\hsize=\cap@width
14409         \ifdofullc@p
14410           {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
14411             #1{\caplabelfont{#2\captionformat}}}%
14412             #3\unskip\strut\par}}}%
14413         \else%
14414           \ifdim\cap@indent<\z@
14415             {\capfont{\strut\ignorespaces
14416               #1{\caplabelfont{#2\captionformat\par}}}%
14417               \noindent\hspace*{-\cap@indent}\#3\unskip\strut\par}}%
14418           \else%
14419             \if@capbreak
14420               {\capfont{\strut\ignorespaces
14421                 #1{\caplabelfont{#2\captionformat\par}}}%
14422                 \noindent\@hangfrom{\hspace*{\cap@indent}}{\#3\par}}}%
14423             \else
14424               {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}%
14425                 {\hspace*{-\cap@indent}\scr@smashdp{\ignorespaces#1%
14426                   {\caplabelfont{#2\captionformat}}}\#3\unskip\strut\par}}}%
14427               \fi
14428             \fi
14429           \fi
14430         }%
14431         \setlength{\@tempdima}{\ht\@tempboxa}%
14432         \addtolength{\@tempdima}{\dp\@tempboxa}%
14433         \addtolength{\@tempdima}{-\ht\strutbox}%
14434         \ht\@tempboxa\ht\strutbox

```



```

14435         \dp\@tempboxa\@tempdima
14436         \strut\cap@left
14437         \box\@tempboxa
14438         \cap@right\strut
14439     }%
14440 \else
14441     \global \@minipagefalse
14442     \sbox\@tempboxa{%
14443         {\capfont{\scr@smashdp{\strut\ignorespaces
14444             #1{\caplabelfont{#2\captionformat}}}}}%
14445         #3}}%
14446     }%
14447     {\capfont{\hb@xt@\hsize{\strut\cap@left@if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\cap
14448     \fi
14449 \endgroup
14450 }
14451 \renewcommand{\@makecaption}[2]{%
14452     \if@captionabove
14453         \vskip\belowcaptionskip
14454     \else
14455         \vskip\abovecaptionskip
14456     \fi
14457     \@@makecaption\@firstofone{#1}{#2}%
14458     \if@captionabove
14459         \vskip\abovecaptionskip
14460     \else
14461         \vskip\belowcaptionskip
14462     \fi
14463 }

```

7.98 scrlettr-xetex-bidi.def

```

14464 \ProvidesFile{scrlettr-xetex-bidi.def}[2011/09/24 v0.2 bidi adaptations for scrlettr class for X
14465 \renewcommand\deffootnote[4] []{%
14466     \long\def\@makefntext##1{%
14467         \edef\@tempa{#1}\ifx\@tempa\@empty
14468             \@setpar{\@par
14469                 \@tempdima = \hsize
14470                 \addtolength{\@tempdima}{-#2}
14471                 \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14472             \else
14473                 \@setpar{\@par
14474                     \@tempdima = \hsize
14475                     \addtolength{\@tempdima}{-#1}
14476                     \@tempdimb = \hsize
14477                     \addtolength{\@tempdimb}{-#2}
14478                     \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@t
14479                 \fi
14480                 \par
14481                 \parindent #3\noindent

```



```

14482 \hbox to \z@\hss\@makefnmark}##1}
14483 \def\@makefnmark{\hbox{#4}}
14484 }
14485 \deffootnote[1em]{1.5em}{1em}
14486 {\textsuperscript{\thefootnotemark}}
14487 \def\left@footnoterule{\kern-1\p@
14488 \hrule width 0.4\columnwidth
14489 \kern .6\p@}
14490 \def\right@footnoterule{%
14491 \hbox to \columnwidth
14492 {\beginR \vbox{\kern -3\p@
14493 \kern-1\p@
14494 \hrule width 0.4\columnwidth
14495 \kern .6\p@}\hfil\endR}}
14496 \def\@datefield{\@reffalse
14497 \ifx\varyourref\@empty \else \@reftrue \fi
14498 \ifx\varyourmail\@empty \else \@reftrue \fi
14499 \ifx\varmyref\@empty \else \@reftrue \fi
14500 \ifx\varcustomer\@empty \else \@reftrue \fi
14501 \ifx\varinvoice\@empty \else \@reftrue \fi
14502 \ifx\varrefitemi\@empty \else \@reftrue \fi
14503 \ifx\varrefitemii\@empty \else \@reftrue \fi
14504 \ifx\varrefitemiii\@empty \else \@reftrue \fi
14505 \vskip -\parskip
14506 \vskip \refvskip
14507 \if@ref
14508 \ifx\varyourref\@empty \else
14509 \settowidth{\sc@temp}{\varyourref}
14510 \setbox0\hbox{\scriptsize \sf \yourrefname}
14511 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14512 \parbox[t]{\sc@@temp}{\noindent \box0\par \varyourref}\hfill
14513 \fi
14514 \ifx\varyourmail\@empty \else
14515 \settowidth{\sc@temp}{\varyourmail}
14516 \setbox0\hbox{\scriptsize \sf \yourmailname}
14517 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14518 \parbox[t]{\sc@@temp}{\noindent \box0\par \varyourmail}\hfill
14519 \fi
14520 \ifx\varmyref\@empty \else
14521 \settowidth{\sc@temp}{\varmyref}
14522 \setbox0\hbox{\scriptsize \sf \myrefname}
14523 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14524 \parbox[t]{\sc@@temp}{\noindent \box0\par \varmyref}\hfill
14525 \fi
14526 \ifx\varcustomer\@empty \else
14527 \settowidth{\sc@temp}{\varcustomer}
14528 \setbox0\hbox{\scriptsize \sf \customername}
14529 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14530 \parbox[t]{\sc@@temp}{\noindent \box0\par \varcustomer}\hfill
14531 \fi

```



```

14532 \ifx\varinvoice\@empty \else
14533 \settowidth{\sc@temp}{\varinvoice}
14534 \setbox0\hbox{\scriptsize \sf \invoice name}
14535 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14536 \parbox[t]{\sc@@temp}{\noindent \box0\par \varinvoice}\hfill
14537 \fi
14538 \ifx\varrefitemi\@empty \else
14539 \settowidth{\sc@temp}{\varrefitemi}
14540 \setbox0\hbox{\scriptsize \sf \varrefitem namei}
14541 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14542 \parbox[t]{\sc@@temp}{\noindent \box0\par \varrefitemi}\hfill
14543 \fi
14544 \ifx\varrefitemii\@empty \else
14545 \settowidth{\sc@temp}{\varrefitemii}
14546 \setbox0\hbox{\scriptsize \sf \varrefitem nameii}
14547 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14548 \parbox[t]{\sc@@temp}{\noindent \box0\par \varrefitemii}\hfill
14549 \fi
14550 \ifx\varrefitemiii\@empty \else
14551 \settowidth{\sc@temp}{\varrefitemiii}
14552 \setbox0\hbox{\scriptsize \sf \varrefitem nameiii}
14553 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14554 \parbox[t]{\sc@@temp}{\noindent \box0\par \varrefitemiii}\hfill
14555 \fi
14556 \ifx\@date\@empty \else
14557 \settowidth{\sc@temp}{\@date}
14558 \setbox0\hbox{\scriptsize \sf \date name}
14559 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14560 \parbox[t]{\sc@@temp}{\noindent \box0\par \@date}
14561 \fi
14562 \par
14563 \vspace{2.5\baselineskip}
14564 \else
14565 {\ifx\@date\@empty \else \if@RTL\raggedright\else\raggedleft\fi\fromplace\ \@date\par \fi}
14566 \vspace{1.5\baselineskip}
14567 \fi}
14568 \long\def\closing#1{\par\nobreak\vspace{0.5\baselineskip}
14569 \stopbreaks \noindent \sc@temp\textwidth \advance\sc@temp by
14570 -\sigindent \hspace{\sigindent}%
14571 \parbox{\sc@temp}{\if@RTL\raggedleft\else\raggedright\fi\ignorespaces #1\mbox{}}\[\presig@ski
14572 \fromsig\strut}\par
14573 \vspace{1.5\baselineskip}}

```

7.99 scrreprt-xetex-bidi.def

```

14574 \ProvidesFile{scrreprt-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrreprt class for X
14575 \newcommand{\scr@saved@LTRfootnotetext}{}
14576 \newcommand{\scr@saved@RTLfootnotetext}{}
14577 \let\scr@saved@footnotetext\@footnotetext
14578 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext

```



```

14579 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
14580 \renewcommand{\@footnotetext}[1]{%
14581   \scr@saved@footnotetext{#1}%
14582   \csname FN@mf@prepare\endcsname
14583 }
14584 \renewcommand{\@LTRfootnotetext}[1]{%
14585   \scr@saved@LTRfootnotetext{#1}%
14586   \csname FN@mf@prepare\endcsname
14587 }
14588 \renewcommand{\@RTLfootnotetext}[1]{%
14589   \scr@saved@RTLfootnotetext{#1}%
14590   \csname FN@mf@prepare\endcsname
14591 }
14592 \renewcommand\deffootnote[4][1]{%
14593   \long\def\@makefnmark##1{%
14594     \setlength{\@tempdimc}{#3}%
14595     \def\@tempa{#1}\ifx\@tempa\@empty
14596       \setpar{\@par
14597         \@tempdima = \hsize
14598         \addtolength{\@tempdima}{-#2}%
14599         \ifRTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14600     \else
14601       \addtolength{\@tempdimc}{#2}%
14602       \addtolength{\@tempdimc}{-#1}%
14603       \setpar{\@par
14604         \@tempdima = \hsize
14605         \addtolength{\@tempdima}{-#1}%
14606         \@tempdimb = \hsize
14607         \addtolength{\@tempdimb}{-#2}%
14608         \ifRTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@t
14609       }%
14610     \fi
14611     \par
14612     \parindent\@tempdimc\noindent
14613     \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
14614   }%
14615   \def\@makefnmark{\hbox{\ftn@font{#4}}}%
14616 }
14617 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
14618 \renewcommand*\left@footnoterule{%
14619   \normalsize\ftn@rule@test@values
14620   \kern-\dimexpr 2.6\p+ \ftn@rule@height\relax
14621   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14622   {\usekomafont{footnoterule}{%
14623     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
14624   \kern 2.6\p@}
14625 \renewcommand*\right@footnoterule{%
14626   \hbox to \columnwidth
14627   {\beginR \vbox{\kern -3\p@
14628     \normalsize\ftn@rule@test@values

```



```

14629 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
14630 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14631 {\usekomafont{footnoterule}{%
14632 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
14633 \kern 2.6\p@\hfil\endR}}
14634 \renewcommand*\maketitle[1][1]{%
14635 \if@titlepage
14636 \begin{titlepage}
14637 \setcounter{page}{%
14638 #1%
14639 }%
14640 \let\footnotesize\small
14641 \let\right@footnoterule\relax
14642 \let\left@footnoterule\relax
14643 \let\textwidth@footnoterule\relax
14644 \let\footnote\thanks
14645 \let\LTRfootnote\LTRthanks
14646 \let\RTLfootnote\RTLthanks
14647 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14648 \let\@oldmakefnmark\@makefnmark
14649 \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
14650 \ifx\@extratitle\@empty \else
14651 \noindent\@extratitle\next@tpage\cleardoubleemptypage
14652 \thispagestyle{empty}%
14653 \fi
14654 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14655 \ifx\@titlehead\@empty \else
14656 \begin{minipage}[t]{\textwidth}%
14657 \@titlehead
14658 \end{minipage}\par
14659 \fi
14660 \null\vfill
14661 \begin{center}
14662 \ifx\@subject\@empty \else
14663 {\subject@font \@subject \par}%
14664 \vskip 3em
14665 \fi
14666 {\titlefont\huge \@title\par}%
14667 \vskip 1em
14668 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14669 \vskip 2em
14670 {\Large \lineskip 0.75em
14671 \begin{tabular}[t]{c}
14672 \@author
14673 \end{tabular}\par
14674 }%
14675 \vskip 1.5em
14676 {\Large \@date \par}%
14677 \vskip \z@ \@plus3fill
14678 {\Large \@publishers \par}%

```



```

14679      \vskip 3em
14680      \end{center}\par
14681      \@thanks
14682      \vfill\null
14683      \if@twoside\next@tpage
14684      \begin{minipage}[t]{\textwidth}
14685      \uppertitleback
14686      \end{minipage}\par
14687      \vfill
14688      \begin{minipage}[b]{\textwidth}
14689      \lowertitleback
14690      \end{minipage}
14691      \fi
14692      \ifx\@dedication\@empty \else
14693      \next@tpage\null\vfill
14694      {\centering \Large \@dedication \par}%
14695      \vskip \z@ \@plus3fill
14696      \if@twoside \next@tpage\cleardoubleemptypage \fi
14697      \fi
14698      \end{titlepage}
14699      \else
14700      \par
14701      \@tempcnta=%
14702      #1%
14703      \relax\ifnum\@tempcnta=1\else
14704      \ClassWarning{KOMAClassName}{%
14705      Optional argument of \string\maketitle\space ignored
14706      at\MessageBreak
14707      notitlepage-mode%
14708      }%
14709      \fi
14710      \begingroup
14711      \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14712      \let\@oldmakefnmark\@makefnmark
14713      \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}
14714      \if@twocolumn
14715      \ifnum \col@number=\@one
14716      \maketitle
14717      \else
14718      \twocolumn[\maketitle]%
14719      \fi
14720      \else
14721      \newpage
14722      \global\@topnum\z@
14723      \maketitle
14724      \fi
14725      \thispagestyle{\titlepagestyle}\@thanks
14726      \endgroup
14727      \fi
14728      \setcounter{footnote}{0}%

```




```

14729 \let\thanks\relax
14730 \let\LTRthanks\relax
14731 \let\RTLthanks\relax
14732 \let\maketitle\relax
14733 \let\@maketitle\relax
14734 \global\let\@thanks\@empty
14735 \global\let\@author\@empty
14736 \global\let\@date\@empty
14737 \global\let\@title\@empty
14738 \global\let\@subtitle\@empty
14739 \global\let\@extratitle\@empty
14740 \global\let\@titlehead\@empty
14741 \global\let\@subject\@empty
14742 \global\let\@publishers\@empty
14743 \global\let\@uppertitleback\@empty
14744 \global\let\@lowertitleback\@empty
14745 \global\let\@dedication\@empty
14746 \global\let\author\relax
14747 \global\let\title\relax
14748 \global\let\extratitle\relax
14749 \global\let\titlehead\relax
14750 \global\let\subject\relax
14751 \global\let\publishers\relax
14752 \global\let\uppertitleback\relax
14753 \global\let\lowertitleback\relax
14754 \global\let\dedication\relax
14755 \global\let\date\relax
14756 \global\let\and\relax
14757 }%
14758 \renewcommand*{\@maketitle}{%
14759 \clearpage
14760 \let\footnote\thanks
14761 \let\LTRfootnote\LTRthanks
14762 \let\RTLfootnote\RTLthanks
14763 \ifx\@extratitle\@empty \else
14764 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
14765 \fi
14766 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14767 \ifx\@titlehead\@empty \else
14768 \begin{minipage}[t]{\textwidth}
14769 \@titlehead
14770 \end{minipage}\par
14771 \fi
14772 \null
14773 \vskip 2em%
14774 \begin{center}%
14775 \ifx\@subject\@empty \else
14776 {\subject@font \@subject \par}
14777 \vskip 1.5em
14778 \fi

```



```

14779 {\titlefont\huge \@title \par}%
14780 \vskip .5em
14781 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14782 \vskip 1em
14783 {\Large
14784 \lineskip .5em%
14785 \begin{tabular}[t]{c}
14786 \@author
14787 \end{tabular}\par
14788 }%
14789 \vskip 1em%
14790 {\Large \@date \par}%
14791 \vskip \z@ \@plus 1em
14792 {\Large \@publishers \par}
14793 \ifx\@dedication\@empty \else
14794 \vskip 2em
14795 {\Large \@dedication \par}
14796 \fi
14797 \end{center}}%
14798 \par
14799 \vskip 2em
14800 }%
14801 \renewcommand*{\l@part[2]}{%
14802 \ifnum \c@tocdepth >-2\relax
14803 \addpenalty{-\@highpenalty}%
14804 \addvspace{2.25em \@plus\p@}%
14805 \setlength{\@tempdima}{2em}%
14806 \if@tocleft
14807 \ifx\toc@l@number\@empty\else
14808 \setlength{\@tempdima}{0\toc@l@number}%
14809 \fi
14810 \fi
14811 \begingroup
14812 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14813 \parfillskip -\@pnumwidth
14814 \leavevmode
14815 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
14816 \hskip -\if@RTL\rightskip\else\leftskip\fi
14817 {\usekomafont{partentry}{\#1\nobreak
14818 \usekomafont{partentrypagenumber}{\hfil\nobreak
14819 \hb@xt@\@pnumwidth{\hss\#2}}}\par
14820 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14821 \endgroup
14822 \penalty20010
14823 \else
14824 \penalty\@highpenalty
14825 \endgroup
14826 \fi
14827 \fi
14828 }

```



```

14829 \renewcommand*\l@chapter[2]{%
14830   \ifnum \c@tocdepth >\m@ne
14831     \ifnum \lastpenalty<20010
14832       \addpenalty{-\@highpenalty}%
14833     \fi
14834     \vskip 1.0em \@plus\p@
14835     \setlength\@tempdima{1.5em}%
14836     \if@tocleft
14837       \ifx\toc@l@number\@empty\else
14838         \setlength\@tempdima{0\toc@l@number}%
14839       \fi
14840     \fi
14841     \begingroup
14842       \raggedchapterentry
14843     \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14844       \parfillskip -\@pnumwidth
14845       \interlinepenalty\@M
14846       \leavevmode
14847       \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightsk
14848       {\usekomafont{chapterentry}{#1\nobreak
14849         \usekomafont{chapterentrypagenumber}{}%
14850         \hfill\nobreak
14851         \hb@xt@\@pnumwidth{\hss#2}}}\par
14852       \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14853       \endgroup
14854       \penalty20009
14855     \else
14856       \penalty\@highpenalty
14857     \endgroup
14858   \fi
14859 \fi
14860 }
14861 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
14862 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
14863 \renewcommand*\thesection{%
14864   \thechapter\@SepMark%
14865   \@arabic\c@section
14866 }
14867 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
14868 \renewcommand*{\thesubsubsection}{%
14869   \thesubsection\@SepMark\@arabic\c@subsubsection
14870 }
14871 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
14872 \renewcommand*{\thesubparagraph}{%
14873   \theparagraph\@SepMark\@arabic\c@subparagraph
14874 }
14875 \renewcommand*\thefigure{%
14876   \thechapter\@SepMark%
14877   \@arabic\c@figure
14878 }

```



```

14879 \renewcommand*\thetable{%
14880   \thechapter\@SepMark%
14881   \@arabic\c@table
14882 }
14883 \renewcommand*\theequation{%
14884   \thechapter\@SepMark%
14885   \@arabic\c@equation
14886 }
14887 \renewenvironment{thebibliography}[1]{%
14888   \if@bib@break@
14889   \bib@beginhook
14890   \else
14891     \ifx\bibpreamble\relax\else\ifx\bibpreamble\empty\else
14892       \setchapterpreamble{\bibpreamble}%
14893       \fi\fi
14894       \bib@heading
14895       \bib@beginhook
14896       \bib@before@hook
14897   \fi
14898   \renewcommand{\BreakBibliography}[1]{%
14899     \@bib@break
14900     \end{thebibliography}%
14901     \begingroup ##1\endgroup
14902     \begin{thebibliography}{#1}
14903   }%
14904   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
14905   \list{%
14906     \@biblabel{\@arabic\c@enumiv}%
14907   }{%
14908     \settowidth\labelwidth{\@biblabel{#1}}%
14909     \leftmargin\labelwidth
14910     \advance\leftmargin\labelsep
14911     \@openbib@code
14912     \if@bib@break@
14913       \edef\@tempa{%
14914         \noexpand\usecounter{enumiv}%
14915         \noexpand\setcounter{enumiv}{\the\c@enumiv}%
14916       }\@tempa
14917       \no@bib@break
14918     \else
14919       \usecounter{enumiv}%
14920     \fi
14921     \let\p@enumiv\empty
14922     \renewcommand*\theenumiv{\@arabic\c@enumiv}%
14923   }%
14924   \sloppy\clubpenalty4000 \widowpenalty4000
14925   \sfcode`\.\=@m
14926 }{%
14927   \if@bib@break@
14928   \def\@noitemerr{%

```



```

14929     \@latex@warning{%
14930         \string\BreakBibliography\space at begin of `thebibliography'
14931     environment\MessageBreak
14932     or following \string\BreakBibliography}%
14933 }%
14934 \else
14935     \def\@noitemerr{%
14936         \@latex@warning{%
14937             Empty `thebibliography' environment or
14938             \string\BreakBibliography\MessageBreak
14939             before end of `thebibliography' environment}%
14940     }%
14941 \fi
14942 \endlist
14943 \if@bib@break@
14944 \else
14945     \bib@after@hook
14946     \let\bib@before@hook\@empty
14947     \let\bib@after@hook\@empty
14948 \fi
14949 \bib@endhook
14950 }
14951 \renewcommand*\left@footnoterule{%
14952     \kern-3\p@
14953     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14954     \hrule\@width.4\columnwidth
14955     \kern 2.6\p@}
14956 \renewcommand*\right@footnoterule{%
14957     \hbox to \columnwidth
14958     {\beginR \vbox{%
14959         \kern-3\p@
14960         \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14961         \hrule\@width.4\columnwidth
14962         \kern 2.6\p@}\hfil\endR}}
14963 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
14964 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
14965 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
14966 \renewcommand\marginline[1]{%
14967     \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
14968 }
14969 \renewcommand{\@makecaption}[3]{%
14970     \cap@margin
14971     \ifonelinecaptions
14972         \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14973         \let\scr@tmp@footnotetext=\@footnotetext
14974         \let\@footnotetext=\@gobble
14975         \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
14976         \let\@LTRfootnotetext=\@gobble
14977         \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14978         \let\@RTLfootnotetext=\@gobble

```



```

14979 \sbox\@tempboxa{%
14980   {\capfont{\strut\ignorespaces
14981     #1{\caplabelfont{#2\captionformat}}}%
14982     #3\unskip\strut}}%
14983   }%
14984   \let\@footnotetext=\scr@tmp@footnotetext
14985   \let\scr@tmp@footnotetext=\undefined
14986   \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14987   \let\scr@tmp@LTRfootnotetext=\undefined
14988   \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14989   \let\scr@tmp@RTLfootnotetext=\undefined
14990   \setcounter{footnote}{\@tempcntb}%
14991   \setcounter{mpfootnote}{\@tempcnta}%
14992 \else
14993   \sbox\@tempboxa{\hspace*{2\cap@width}}%
14994 \fi
14995 \begingroup%
14996   \setlength{\@tempdima}{\cap@width}%
14997   \ifdim \wd\@tempboxa >\@tempdima
14998     \hb@xt@\hsize{%
14999       \setbox\@tempboxa\vbox{\hsize=\cap@width
15000         \ifdofullc@p
15001           {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
15002             #1{\caplabelfont{#2\captionformat}}}}}%
15003             #3\unskip\strut\par}}}%
15004         \else%
15005           \ifdim\cap@indent<\z@
15006             {\capfont{\strut\ignorespaces
15007               #1{\caplabelfont{#2\captionformat\par}}}%
15008               \noindent\hspace*{-\cap@indent}#3\unskip\strut\par}}}%
15009           \else%
15010             \if@capbreak
15011               {\capfont{\strut\ignorespaces
15012                 #1{\caplabelfont{#2\captionformat\par}}}%
15013                 \noindent\@hangfrom{\hspace*{\cap@indent}}{#3\par}}}%
15014             \else
15015               {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}}%
15016                 {\hspace{-\cap@indent}\scr@smashdp{\ignorespaces#1%
15017                   {\caplabelfont{#2\captionformat}}}}#3\unskip\strut\par}}}%
15018             \fi
15019           \fi
15020         \fi
15021       }%
15022       \setlength{\@tempdima}{\ht\@tempboxa}%
15023       \addtolength{\@tempdima}{\dp\@tempboxa}%
15024       \addtolength{\@tempdima}{-\ht\strutbox}%
15025       \ht\@tempboxa\ht\strutbox
15026       \dp\@tempboxa\@tempdima
15027       \strut\cap@left
15028     \box\@tempboxa

```



```

15029         \cap@right\strut
15030     }%
15031     \else
15032         \global \@minipagefalse
15033         \sbox\@tempboxa{%
15034             {\capfont{\scr@smashdp{\strut\ignorespaces
15035                 #1{\caplabelfont{#2\captionformat}}}}}%
15036             #3}}%
15037     }%
15038     {\capfont{\hb@xt@\hsize{\strut\cap@left@if@RTL\beginR\fi\box\@tempboxa@if@RTL\endR\fi\cap@right\fi}}
15039     \fi
15040 \endgroup
15041 }
15042 \renewcommand{\@makecaption}[2]{%
15043     \if@captionabove
15044         \vskip\belowcaptionskip
15045     \else
15046         \vskip\abovecaptionskip
15047     \fi
15048     \@makecaption\@firstofone{#1}{#2}%
15049     \if@captionabove
15050         \vskip\abovecaptionskip
15051     \else
15052         \vskip\belowcaptionskip
15053     \fi
15054 }

```

7.100 sidecap-xetex-bidi.def

```

15055 \ProvidesFile{sidecap-xetex-bidi.def}[2010/08/01 v0.1 bidi adaptations for sidecap package for XeTeX]
15056 \renewcommand*{\SC@FLOAT}[2]{\if@RTL%
15057     \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2} {\#2}\hspace{\sidecaptionsep}{#1}\else%
15058 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1} {\#1}\hspace{\sidecaptionsep}{#2}\fi}
15059 \renewcommand*{\SC@justify@caption}{\if@RTL%
15060 \isSC@ODD{\RaggedLeft}{\RaggedRight}\else%
15061     \isSC@ODD{\RaggedRight}{\RaggedLeft}\fi}

```

7.101 stabular-xetex-bidi.def

```

15062 \ProvidesFile{stabular-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for stabular package for XeTeX]
15063 \def\@stabular{\if@RTL\@RTLtabtrue\fi
15064     \leavevmode \bgroup \if@RTLtab\beginR \fi
15065     \let\@acol\@tabacol
15066     \let\@classz\@tabclassz
15067     \let\@classiv\@tabclassiv \let\\\@tabularcr\@stabarray}
15068 \def\endstabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
15069     \egroup \if@RTLtab\endR\fi\egroup
15070     \@RTLtabfalse}
15071 \expandafter \let \csname endstabular*\endcsname = \endstabular
15072 \def\@sarray[#1]#2{%
15073     \bgroup

```



```

15074 \setbox\@arstrutbox\hbox{%
15075   \vrule \@height\arraystretch\ht\strutbox
15076   \@depth\arraystretch \dp\strutbox
15077   \@width\z@}%
15078 \mkpream{#2}%
15079 \edef\@preamble{%
15080   \ialign \noexpand\@halignto
15081     \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
15082 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
15083 \let\tabularnewline\%
15084 \let\@sharp##%
15085 \set@typeset@protect
15086 \lineskip\z@skip\baselineskip\z@skip
15087 \if@RTLtab\hbox\bgroup\beginR\ vbox\bgroup\fi
15088 \preamble}

```

7.102 subfigure-xetex-bidi.def

```

15089 \ProvidesFile{subfigure-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for subfigure package]
15090 \AtBeginDocument{%
15091 \let\p@subfigure=\thefigure
15092 \let\p@subtable=\thetable%
15093 }

```

7.103 tabs-xetex-bidi.def

```

15094 \ProvidesFile{tabs-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for tabs package for XeTeX]
15095 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup
15096   \@RTLtabfalse}
15097
15098 \expandafter\let\csname endtabular*\endcsname=\endtabular
15099
15100 \def\endarray{\ifvmode\csname crcr\endcsname % just do \crr if \ given
15101 \else \[\z@ \global\advance\@arstdepth-\@otarlinesep]%
15102 \fi\egroup\if@RTLtab\egroup\endR\egroup\fi\@unrecurse\egroup}
15103
15104 \def\@array[#1]#2{% remember global variables to allow recursion:
15105 \edef\@unrecurse{\global\@skip@bove\the\@skip@bove
15106   \global\@arstheight\the\@arstheight\global\@arstdepth\the\@arstdepth}%
15107 \let\@otarlinesep\@tarlinesep \global\@skip@bove-\@otarlinesep
15108 \ifx\@classz\@arrayclassz \let\@tarlinesep\arraylinesep
15109 \else \let\@tarlinesep\tablinesep \fi
15110 \divide\@tarlinesep\tw@ % half sep is applied to height & depth
15111 \let\@seesize\relax \let\@rememsize\relax \mkpream{#2}%
15112 \@tempdima\arraystretch\ht\strutbox \@tempdimb\arraystretch\dp\strutbox
15113 \ifdim\@tarlinesep>\z@ % (need \protect for \multicolumn)
15114 \def\@rememsize{\protect\@r@m@msize}\let\@seesize\@s@size
15115 \advance\@tempdima-\@tarlinesep \advance\@tempdimb-\@tarlinesep
15116 \fi \setbox\@arstrutbox\hbox{% set up smaller strut
15117   \vrule \@height\@tempdima \@depth\@tempdimb \@width\z@}%
15118 \let\protect\noexpand

```




```

15119 \edef\@preamble{\ialign \noexpand\@halignto \bgroup
15120 \unhcopy\@arstrutbox \@preamble \tabskip\z@skip &\@sharp \cr}%
15121 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
15122 \if#1t\vtop \else \if#1b\vbox \else \vcenter \fi\fi
15123 \bgroup \let\par\@empty
15124 \global\@arstheight\ht\@arstrutbox \global\@arstdepth\dp\@arstrutbox
15125 \advance\extrarulesep.5\arrayrulewidth
15126 \let\@sharp#\let\protect\relax \lineskip\z@skip \baselineskip\z@skip
15127 \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
15128 \@preamble}

```

7.104 tabularx-xetex-bidi.def

```

15129 \ProvidesFile{tabularx-xetex-bidi.def}[2014/11/08 v0.1 bidi adaptations for tabularx package for
15130 \def\TX@endtabularx{%
15131   \expandafter\expandafter\expandafter
15132     \TX@find@endtabularxa\csname end\TX@\endcsname
15133     \endtabularx\TX@\endtabularx\TX@find@endtabularxa
15134   \expandafter\TX@newcol\expandafter{\tabularxcolumn{\TX@col@width}}%
15135   \let\verb\TX@verb
15136   \def\@elt##1{\global\value{##1}\the\value{##1}\relax}%
15137   \edef\TX@ckpt{\cl@ckpt}%
15138   \let\@elt\relax
15139   \TX@old@table\maxdimen
15140   \TX@col@width\TX@target
15141   \global\TX@cols\@ne
15142   \TX@typeout@
15143     {\@spaces Table Width\@spaces Column Width\@spaces X Columns}%
15144   \TX@trial{\def\NC@rewriteX{%
15145     \global\advance\TX@cols\@ne\NC@find p{\TX@col@width}}}%
15146   \loop
15147     \TX@arith
15148     \ifTX@
15149     \TX@trial{}}%
15150   \repeat
15151   {\let\@footnotetext\TX@ftntext\let\@xfootnotenext\TX@xftntext
15152   \let\@LTRfootnotetext\TX@LTRftntext\let\@xLTRfootnotenext\TX@xLTRftntext
15153   \let\@RTLfootnotetext\TX@RTLftntext\let\@xRTLfootnotenext\TX@xRTLftntext
15154     \csname tabular*\expandafter\endcsname\expandafter\TX@target
15155     \the\toks@
15156     \csname endtabular*\endcsname}%
15157   \global\TX@ftn\expandafter{\expandafter}\the\TX@ftn
15158   \ifnum0=``\fi}%
15159   \expandafter\expandafter\expandafter
15160   \TX@find@endtabularxbb
15161   \expandafter\end\expandafter{\TX@}%
15162   \endtabularx\TX@\endtabularx\TX@find@endtabularxb
15163 }
15164
15165 \def\TX@trial#1{%

```



```

15166 \setbox\@tempboxa\hbox{%
15167   #1\relax
15168 \let\@footnotetext\TX@trial@ftn
15169 \let\@LTRfootnotetext\TX@trial@ftn
15170 \let\@RTLfootnotetext\TX@trial@ftn
15171 \let\TX@vwarn\@empty
15172 \expandafter\let\expandafter\tabularx\csname tabular*\endcsname
15173 \expandafter\let\expandafter\endtabularx\csname endtabular*\endcsname
15174 \def\write{\begingroup
15175   \def\let{\afterassignment\endgroup\toks@}%
15176   \afterassignment\let\count@}%
15177   \hbadness\@M
15178   \hfuzz\maxdimen
15179   \let\hbadness\@tempcnta
15180   \let\hfuzz\@tempdima
15181   \expandafter\tabular\the\toks@
15182   \endtabular}%
15183 \TX@ckpt
15184 \TX@typeout@{\@spaces
15185   \expandafter\TX@align
15186   \the\wd\@tempboxa\space\space\space\space\space\@@
15187   \expandafter\TX@align
15188   \the\TX@col@width\space\space\space\space\space\@@
15189   \@spaces\the\TX@cols}}
15190
15191 \long\def\TX@LTRftntext#1{%
15192   \edef\@tempa{\the\TX@ftn\noexpand\LTRfootnotetext
15193     [\the\csname c@\@mpfn\endcsname]}}%
15194   \global\TX@ftn\expandafter{\@tempa{#1}}}%
15195 \long\def\TX@xLTRftntext[#1]#2{%
15196   \global\TX@ftn\expandafter{\the\TX@ftn\LTRfootnotetext[#1]{#2}}}
15197
15198 \long\def\TX@RTLftntext#1{%
15199   \edef\@tempa{\the\TX@ftn\noexpand\RTLfootnotetext
15200     [\the\csname c@\@mpfn\endcsname]}}%
15201   \global\TX@ftn\expandafter{\@tempa{#1}}}%
15202 \long\def\TX@xRTLftntext[#1]#2{%
15203   \global\TX@ftn\expandafter{\the\TX@ftn\RTLfootnotetext[#1]{#2}}}

```

7.105 tabulary-xetex-bidi.def

```

15204 \ProvidesFile{tabulary-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tabulary package for
15205 \def\@testpach{\@chclass
15206   \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
15207   \ifnum \@lastchclass=7 5 \else
15208   \ifnum \@lastchclass=8 \tw@ \else
15209   \ifnum \@lastchclass=9 \thr@@
15210   \else \@z@
15211   \ifnum \@lastchclass = 10 \else
15212   \edef\@nextchar{\expandafter\string\@nextchar}%

```



```

15213 \@chnum
15214 \if \@nextchar c\z@ \else
15215 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
15216 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
15217 \if \@nextchar C7 \else
15218 \if \@nextchar L8 \else
15219 \if \@nextchar R9 \else
15220 \if \@nextchar J10 \else
15221 \z@ \@chclass
15222 \if \@nextchar |\@ne \else
15223 \if \@nextchar !6 \else
15224 \if \@nextchar @7 \else
15225 \if \@nextchar <8 \else
15226 \if \@nextchar >9 \else
15227 10
15228 \@chnum
15229 \if \@nextchar m\thr@@\else
15230 \if \@nextchar p4 \else
15231 \if \@nextchar b5 \else
15232 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi
15233 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi

```

7.106 tc-xetex-bidi.def

```

15234 \ProvidesFile{tc-xetex-bidi.def}[2014/07/08 v0.1 bidi adaptations for Clipping driver for XeTeX]
15235 \def\@cliptoboxdim#1{%
15236   \setbox#1=\hbox{%
15237     \Gin@defaultbp\WIDTH{\wd#1}%
15238     \Gin@defaultbp\DEPTH{\dp#1}%
15239     \@tempdima\ht#1%
15240     \advance\@tempdima\dp#1%
15241     \Gin@defaultbp\TOTALHEIGHT{\@tempdima}%
15242     \beginL\special{pdf:bcontent }%
15243     \special{%
15244       pdf:literal direct
15245       0 -\DEPTH\space \WIDTH\space \TOTALHEIGHT\space re
15246     }%
15247     \special{pdf:literal direct W }%
15248     \special{pdf:literal direct n }%
15249     \if@RTL\beginR\fi\box#1\if@RTL\endR\fi%
15250     \special{pdf:econtent }\endL%
15251   }%
15252 }

```

7.107 tikz-xetex-bidi.def

```

15253 \ProvidesFile{tikz-xetex-bidi.def}[2014/11/20 v0.1 bidi adaptations for tikz package for XeTeX]
15254 \def\bidi@tikzpicture{%
15255   \begingroup%
15256   \tikz@startup@env%
15257   \pgfutil@ifnextchar[\bidi@tikz@picture{\bidi@tikz@picture[]}]{}

```



```

15258 \def\bidi@tikz@picture[#1]{%
15259   \bidi@pgfpicture%
15260   \let\tikz@atbegin@picture=\pgfutil@empty%
15261   \let\tikz@atend@picture=\pgfutil@empty%
15262   \let\tikz@transform=\relax%
15263   \def\tikz@time{.5}%
15264   \tikz@installcommands%
15265   \scope[every picture,#1]%
15266   \iftikz@handle@active@code%
15267     \tikz@switchoff@shorthands%
15268   \fi%
15269   \expandafter\tikz@atbegin@picture%
15270   \tikz@lib@scope@check%
15271 }
15272 \def\endbidi@tikzpicture{%
15273   \tikz@atend@picture%
15274   \global\let\pgf@shift@baseline@smuggle=\pgf@baseline%
15275   \global\let\pgf@trimleft@final@smuggle=\pgf@trimleft%
15276   \global\let\pgf@trimright@final@smuggle=\pgf@trimright%
15277   \global\let\pgf@remember@smuggle=\ifpgfrememberpicturepositiononpage%
15278   \pgf@remember@layerlist@globally
15279   \endscope%
15280   \let\pgf@baseline=\pgf@shift@baseline@smuggle%
15281   \let\pgf@trimleft=\pgf@trimleft@final@smuggle%
15282   \let\pgf@trimright=\pgf@trimright@final@smuggle%
15283   \let\ifpgfrememberpicturepositiononpage=\pgf@remember@smuggle%
15284   \pgf@restore@layerlist@from@global
15285   \endbidi@pgfpicture\endgroup}

```

7.108 titlesec-xetex-bidi.def

```

15286 \ProvidesFile{titlesec-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for titlesec package for
15287 \renewcommand\filright{%
15288   \gdef\ttl@filleft##1{\hskip##1}%
15289   \gdef\ttl@filright##1{\hfill}%
15290   \let\\\@centercr
15291   \advance\rightskip\z@ \@plus 1fil
15292   \parfillskip\z@}
15293 \def\ttl@hang#1#2#3#4#5#6#7#8{%
15294   \gdef\ttl@makeline##1{\ttl@calc\hspace{#6}##1\ttl@calc\hspace{#7}}%
15295   \setlength\leftskip{#6}%
15296   \setlength\rightskip{#7}%
15297   \interlinepenalty\@M
15298   \ttl@change@centercr
15299   \ttl@begin@longest
15300   #1{\ifhmode\ttl@hmode@error\fi
15301     \ttl@glcmds
15302     \parindent\z@
15303     \leavevmode
15304     \begingroup

```



```

15305     \ifttl@label
15306         \sbox\z@{#2\strut\ttl@calc\hspace{#3}}%
15307         \if@RTL\advance\rightskip\wd\z@\else\advance\leftskip\wd\z@\fi
15308         \llap{\box\z@}%
15309     \fi
15310     #4{#8}%
15311     \kern\z@\strut\@@par
15312 \endgroup
15313 \nobreak\ttl@midlongest#5\@@par}%
15314 \ttl@endlongest}

```

7.109 titletoc-xetex-bidi.def

```

15315 \ProvidesFile{titletoc-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for titletoc package for
15316 \renewcommand\filright{%
15317     \gdef\ttl@filleft##1{\hskip##1}%
15318     \gdef\ttl@filright##1{\hfill}%
15319     \let\\\@centercr
15320     \advance\rightskip\z@ \@plus 1fil
15321 \parfillskip\z@}
15322 \renewcommand\contentspush[1]{%
15323     \sbox\z@{#1}%
15324     \xdef\ttl@b{\advance\if@RTL\rightskip\else\leftskip\fi\the\wd\z@}%
15325     \aftergroup\ttl@b
15326     \leavevmode\llap{\box\z@}}
15327 \def\ttl@outnoblock#1#2#3{%
15328     \begingroup
15329     \ifnum\ttl@b>\ttl@a
15330         \nobreak
15331     \else\ifnum\ttl@b<\ttl@a
15332         \addpenalty{\@secpenalty}%
15333     \else
15334         \addpenalty{\z@}%
15335     \fi\fi
15336     \ttl@contentsstretch
15337     \nobreak
15338     \ifcase#1\relax\else\interlinepenalty\@M\fi
15339     \parindent\z@
15340     \ifx\@nil#2%
15341         \PackageError{titletoc}{Unimplemented}%
15342         {The optional argument is currently mandatory}%
15343     \else
15344         \if@RTL\setlength\rightskip{#2}\else
15345         \setlength\leftskip{#2}\fi%
15346     \fi
15347     \if@RTL\setlength\leftskip{\@pnumwidth}\else\setlength\rightskip{\@pnumwidth}\fi%
15348     \let\contentsmargin\ttl@margin
15349     \def\ttl@makeline##1{##1}%
15350     #3%
15351     \addtolength{\parfillskip}{-\ttl@corr}%

```



```

15352 \ifRTL\addtolength{\leftskip}{\ttl@corr}\else\addtolength{\rightskip}{\ttl@corr}\fi%
15353 \let\ttl@leaders\leaders}
15354 \renewcommand\ttl@margin[2][\z@]{%
15355 \def\ttl@corr{#1}%
15356 \advance\ifRTL\leftskip\else\rightskip\fi-\@pnumwidth\relax
15357 \advance\ifRTL\leftskip\else\rightskip\fi#2\relax
15358 \def\@pnumwidth{#2}}
15359 \let\ttl@savel@part\l@part
15360 \def\l@part{\ttl@lselect{part}}
15361
15362 \let\ttl@savel@chapter\l@chapter
15363 \def\l@chapter{\ttl@lselect{chapter}}

```

7.110 tocbibind-xetex-bidi.def

```

15364 \ProvidesFile{tocbibind-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for tocbibind package]
15365 \if@dotocbib
15366 \@ifpackageloaded{natbib}{}{% natbib not loaded
15367 \renewcommand{\bibsection}{\t@cb@bchapsec}
15368 \renewenvironment{thebibliography}[1]{%
15369 \bibsection
15370 \begin{thebibitemlist}{#1}}{\end{thebibitemlist}}}
15371 \renewenvironment{thebibitemlist}[1]{
15372 \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
15373 \list{\@biblabel{\@arabic{c@enumiv}}}%
15374 {\settowidth\labelwidth{\@biblabel{#1}}%
15375 \leftmargin\labelwidth
15376 \advance\leftmargin\labelsep
15377 \openbib@code
15378 \usecounter{enumiv}%
15379 \let\p@enumiv\@empty
15380 \renewcommand\theenumiv{\@arabic{c@enumiv}}}%
15381 \sloppy
15382 \clubpenalty4000
15383 \@clubpenalty \clubpenalty
15384 \widowpenalty4000%
15385 \sfcode`\.\@m}
15386 {\def\@noitemerr
15387 {\@latex@warning{Empty `thebibliography' environment}}%
15388 \endlist}
15389
15390 \@ifpackagewith{chapterbib}{sectionbib}%
15391 {\renewcommand{\sectionbib}[2]{}}%
15392 {}
15393
15394 \fi
15395 \if@inltxdoc\else
15396 \renewenvironment{theindex}%
15397 {\if@twocolumn
15398 \@restonecolfalse

```



```

15399 \else
15400 \@restonecoltrue
15401 \fi
15402 \if@bibchapter
15403 \if@donumindex
15404 \refstepcounter{chapter}
15405 \twocolumn[\vspace*{2\topskip}%
15406 \@makechapterhead{\indexname}}%
15407 \addcontentsline{toc}{chapter}{\protect\numberline{\thechapter}\indexname}
15408 \chaptermark{\indexname}
15409 \else
15410 \if@dotocind
15411 \twocolumn[\vspace*{2\topskip}%
15412 \@makeschapterhead{\indexname}}%
15413 \prw@mkboth{\indexname}
15414 \addcontentsline{toc}{chapter}{\indexname}
15415 \else
15416 \twocolumn[\vspace*{2\topskip}%
15417 \@makeschapterhead{\indexname}}%
15418 \prw@mkboth{\indexname}
15419 \fi
15420 \fi
15421 \else
15422 \if@donumindex
15423 \twocolumn[\vspace*{-1.5\topskip}%
15424 \@nameuse{\@tocextra}{\indexname}}%
15425 \csname \@tocextra mark\endcsname{\indexname}
15426 \else
15427 \if@dotocind
15428 \twocolumn[\vspace*{-1.5\topskip}%
15429 \toc@headstar{\@tocextra}{\indexname}}%
15430 \prw@mkboth{\indexname}
15431 \addcontentsline{toc}{\@tocextra}{\indexname}
15432 \else
15433 \twocolumn[\vspace*{-1.5\topskip}%
15434 \toc@headstar{\@tocextra}{\indexname}}%
15435 \prw@mkboth{\indexname}
15436 \fi
15437 \fi
15438 \fi
15439 \thispagestyle{plain}\parindent\z@
15440 \parskip\z@ \@plus .3\p@\relax
15441 \let\item\@idxitem}
15442 {\if@restonecol\onecolumn\else\clearpage\fi}
15443 \fi

```

7.111 tocloft-xetex-bidi.def

```

15444 \ProvidesFile{tocloft-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for tocloft package for X
15445 \let\cftdot\@SepMark

```



```

15446 \if@cfthaspart
15447 \renewcommand*{\l@part}[2]{
15448   \@cftdopartfalse
15449   \ifnum \c@tocdepth >-2\relax
15450     \if@cfthaschapter
15451       \@cftdoparttrue
15452     \fi
15453     \ifnum \c@tocdepth >\m@ne
15454       \if@cfthaschapter\else
15455         \@cftdoparttrue
15456       \fi
15457     \fi
15458   \fi
15459   \if@cftdopart
15460     \if@cfthaschapter
15461       \addpenalty{-\@highpenalty}
15462     \else
15463       \addpenalty\@secpenalty
15464     \fi
15465     \addvspace{\cftbeforepartskip}
15466     \begingroup
15467       {\if@RTL\righskip\else\leftskip\fi \cftpartindent\relax
15468        \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15469        \parfillskip -\if@RTL\leftskip\else\righskip\fi
15470        \parindent \cftpartindent\relax\@afterindenttrue
15471        \interlinepenalty\@M
15472        \leavevmode
15473        \@tempdima \cftpartnumwidth\relax
15474        \let\@cftbsnum \cftpartpresnum
15475        \let\@cftasnum \cftpartaftersnum
15476        \let\@cftasnumb \cftpartaftersnumb
15477        \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righskip
15478        {\cftpartfont \cftpartpresnum #1}
15479        \cftpartfillnum{#2}}
15480     \nobreak
15481     \if@cfthaschapter
15482       \global\@nobreaktrue
15483       \everypar{\global\@nobreakfalse\everypar{}}
15484     \else
15485       \if@compatibility
15486         \global\@nobreaktrue
15487         \everypar{\global\@nobreakfalse\everypar{}}
15488       \fi
15489     \fi
15490   \endgroup
15491 \fi}
15492 \fi
15493 \if@cfthaschapter
15494 \renewcommand*{\l@chapter}[2]{
15495   \ifnum \c@tocdepth >\m@ne

```




```

15496 \addpenalty{-\@highpenalty}
15497 \vskip \cftbeforechapskip
15498 {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
15499 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15500 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15501 \parindent \cftchapindent\relax\@afterindenttrue
15502 \interlinepenalty\@M
15503 \leavevmode
15504 \@tempdima \cftchapnumwidth\relax
15505 \let\@cftbsnum \cftchappresnum
15506 \let\@cftasnum \cftchapaftersnum
15507 \let\@cftasnumb \cftchapaftersnumb
15508 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15509 {\cftchapfont #1}\nobreak
15510 \cftchapfillnum{#2}}
15511 \fi}
15512 \fi
15513 \renewcommand*{\l@section}[2]{%
15514 \ifnum \c@tocdepth >\z@
15515 \if@cfthaschapter
15516 \vskip \cftbeforesecskip
15517 \else
15518 \addpenalty\@secpenalty
15519 \addvspace{\cftbeforesecskip}
15520 \fi
15521 {\if@RTL\rightskip\else\leftskip\fi \cftsecindent\relax
15522 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15523 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15524 \parindent \cftsecindent\relax\@afterindenttrue
15525 \interlinepenalty\@M
15526 \leavevmode
15527 \@tempdima \cftsecnumwidth\relax
15528 \let\@cftbsnum \cftsecpresnum
15529 \let\@cftasnum \cftsecaftersnum
15530 \let\@cftasnumb \cftsecaftersnumb
15531 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15532 {\cftsecfont #1}\nobreak
15533 \cftsecfillnum{#2}}
15534 \fi}
15535 \renewcommand*{\l@subsection}[2]{%
15536 \ifnum \c@tocdepth >\@ne
15537 \vskip \cftbeforesubsecskip
15538 {\if@RTL\rightskip\else\leftskip\fi \cftsubsecindent\relax
15539 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15540 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15541 \parindent \cftsubsecindent\relax\@afterindenttrue
15542 \interlinepenalty\@M
15543 \leavevmode
15544 \@tempdima \cftsubsecnumwidth\relax
15545 \let\@cftbsnum \cftsubsecpresnum

```



```

15546 \let\cftasnum \cftsubsecaftersnum
15547 \let\cftasnumb \cftsubsecaftersnumb
15548 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15549 {\cftsubsecfont #1}\nobreak
15550 \cftsubsecfillnum{#2}}
15551 \fi}
15552 \renewcommand*{\l@subsubsection}[2]{%
15553 \ifnum \c@tocdepth >\tw@
15554 \vskip \cftbeforesubsubsecskip
15555 {\if@RTL\rightskip\else\leftskip\fi \cftsubsubsecindent\relax
15556 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15557 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15558 \parindent \cftsubsubsecindent\relax\@afterindenttrue
15559 \interlinepenalty\@M
15560 \leavevmode
15561 \@tempdima \cftsubsubsecnumwidth\relax
15562 \let\cftbsnum \cftsubsubsecpresnum
15563 \let\cftasnum \cftsubsubsecaftersnum
15564 \let\cftasnumb \cftsubsubsecaftersnumb
15565 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15566 {\cftsubsubsecfont #1}\nobreak
15567 \cftsubsubsecfillnum{#2}}
15568 \fi}
15569 \renewcommand*{\l@paragraph}[2]{%
15570 \ifnum \c@tocdepth >3\relax
15571 \vskip \cftbeforeparaskip
15572 {\if@RTL\rightskip\else\leftskip\fi \cftparaindent\relax
15573 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15574 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15575 \parindent \cftparaindent\relax\@afterindenttrue
15576 \interlinepenalty\@M
15577 \leavevmode
15578 \@tempdima \cftparanumwidth\relax
15579 \let\cftbsnum \cftparapresnum
15580 \let\cftasnum \cftparaaftersnum
15581 \let\cftasnumb \cftparaaftersnumb
15582 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15583 {\cftparafont #1}\nobreak
15584 \cftparafillnum{#2}}
15585 \fi}
15586 \renewcommand*{\l@subparagraph}[2]{%
15587 \ifnum \c@tocdepth >4\relax
15588 \vskip \cftbeforesubparaskip
15589 {\if@RTL\rightskip\else\leftskip\fi \cftsubparindent\relax
15590 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15591 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15592 \parindent \cftsubparindent\relax\@afterindenttrue
15593 \interlinepenalty\@M
15594 \leavevmode
15595 \@tempdima \cftsubparanumwidth\relax

```



```

15596 \let\@cftbsnum \cftsubparapresnum
15597 \let\@cftasnum \cftsubparaaftersnum
15598 \let\@cftasnumb \cftsubparaaftersnumb
15599 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15600 {\cftsubparafont #1}\nobreak
15601 \cftsubparafillnum{#2}}
15602 \fi}
15603 \renewcommand*{\l@figure}[2]{%
15604 \ifnum \c@lofdepth >\z@
15605 \vskip \cftbeforefigskip
15606 {\if@RTL\rightskip\else\leftskip\fi \cftfigindent\relax
15607 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15608 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15609 \parindent \cftfigindent\relax\@afterindenttrue
15610 \interlinepenalty\@M
15611 \leavevmode
15612 \@tempdima \cftfignumwidth\relax
15613 \let\@cftbsnum \cftfigpresnum
15614 \let\@cftasnum \cftfigaftersnum
15615 \let\@cftasnumb \cftfigaftersnumb
15616 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15617 {\cftfigfont #1}\nobreak
15618 \cftfigfillnum{#2}}
15619 \fi
15620 }
15621 \renewcommand*{\l@table}[2]{%
15622 \ifnum\c@lotdepth >\z@
15623 \vskip \cftbeforetabskip
15624 {\if@RTL\rightskip\else\leftskip\fi \cfttabindent\relax
15625 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15626 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15627 \parindent \cfttabindent\relax\@afterindenttrue
15628 \interlinepenalty\@M
15629 \leavevmode
15630 \@tempdima \cfttabnumwidth\relax
15631 \let\@cftbsnum \cfttabpresnum
15632 \let\@cftasnum \cfttabaftersnum
15633 \let\@cftasnumb \cfttabaftersnumb
15634 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15635 {\cfttabfont #1}\nobreak
15636 \cfttabfillnum{#2}}
15637 \fi
15638 }
15639 \renewcommand{\@cftl@subfig}{
15640 \renewcommand*{\l@subfigure}[2]{%
15641 \ifnum \c@lofdepth > \toclevel@subfigure
15642 \vskip \cftbeforesubfigskip
15643 {\if@RTL\rightskip\else\leftskip\fi \cftsubfigindent\relax
15644 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15645 \parfillskip -\if@RTL\leftskip\else\rightskip\fi

```



```

15646 \parindent \cftsubfigindent\relax\@afterindenttrue
15647 \interlinepenalty\@M
15648 \leavevmode
15649 \@tempdima \cftsubfignumwidth\relax
15650 \let\@cftbsnum \cftsubfigpresnum
15651 \let\@cftasnum \cftsubfigaftersnum
15652 \let\@cftasnumb \cftsubfigaftersnumb
15653 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15654 {\cftsubfigfont ##1}\nobreak
15655 \cftsubfigfillnum{##2}}
15656 \fi
15657 }
15658 }
15659 \renewcommand{\@cftl@subtab}{
15660 \renewcommand*{\l@subtable}[2]{%
15661 \ifnum \c@lotdepth > \toclevel@subtable
15662 \vskip \cftbeforesubtabskip
15663 {\if@RTL\rightskip\else\leftskip\fi \cftsubtabindent\relax
15664 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15665 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15666 \parindent \cftsubtabindent\relax\@afterindenttrue
15667 \interlinepenalty\@M
15668 \leavevmode
15669 \@tempdima \cftsubtabnumwidth\relax
15670 \let\@cftbsnum \cftsubtabpresnum
15671 \let\@cftasnum \cftsubtabaftersnum
15672 \let\@cftasnumb \cftsubtabaftersnumb
15673 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15674 {\cftsubtabfont ##1}\nobreak
15675 \cftsubtabfillnum{##2}}
15676 \fi
15677 }
15678 }
15679 \renewcommand{\newlistentry}[4][\@empty]{%
15680 \@ifundefined{c@#2}{% check & set the counter
15681 \ifx \@empty#1\relax
15682 \newcounter{#2}
15683 \else
15684 \@ifundefined{c@#1}{\PackageWarning{tocloft}%
15685 {#1 has no counter for use as a `within'}
15686 \newcounter{#2}}%
15687 {\newcounter{#2}[#1]%
15688 \expandafter\edef\csname the#2\endcsname{%
15689 \expandafter\noexpand\csname the#1\endcsname\@SepMark\noexpand\arabic{#2}}}
15690 \fi
15691 \setcounter{#2}{0}
15692 }
15693 {\PackageError{tocloft}{#2 has been previously defined}{\@eha}}
15694
15695 \@namedef{l@#2}##1##2{%

```



```

15696 \ifnum \@nameuse{c#3depth} > #4\relax
15697 \vskip \@nameuse{cftbefore#2skip}
15698 {\if@RTL\rightskip\else\leftskip\fi \@nameuse{cft#2indent}\relax
15699 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15700 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15701 \parindent \@nameuse{cft#2indent}\relax\@afterindenttrue
15702 \interlinepenalty\@M
15703 \leavevmode
15704 \@tempdima \@nameuse{cft#2numwidth}\relax
15705 \expandafter\let\expandafter\@cftbsnum\csname cft#2presnum\endcsname
15706 \expandafter\let\expandafter\@cftasnum\csname cft#2aftersnum\endcsname
15707 \expandafter\let\expandafter\@cftasnumb\csname cft#2aftersnumb\endcsname
15708 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima \null\nobreak\hskip -\if@RTL\rightsk
15709 {\@nameuse{cft#2font}##1}\nobreak
15710 \@nameuse{cft#2fillnum}{##2}}
15711 \fi
15712 } % end of \l@#2
15713
15714 \expandafter\newlength\csname cftbefore#2skip\endcsname
15715 \setlength{\@nameuse{cftbefore#2skip}}{\z@ \@plus .2\p@}
15716 \expandafter\newlength\csname cft#2indent\endcsname
15717 \expandafter\newlength\csname cft#2numwidth\endcsname
15718 \ifcase #4\relax % 0
15719 \setlength{\@nameuse{cft#2indent}}{0em}
15720 \setlength{\@nameuse{cft#2numwidth}}{1.5em}
15721 \or % 1
15722 \setlength{\@nameuse{cft#2indent}}{1.5em}
15723 \setlength{\@nameuse{cft#2numwidth}}{2.3em}
15724 \or % 2
15725 \setlength{\@nameuse{cft#2indent}}{3.8em}
15726 \setlength{\@nameuse{cft#2numwidth}}{3.2em}
15727 \or % 3
15728 \setlength{\@nameuse{cft#2indent}}{7.0em}
15729 \setlength{\@nameuse{cft#2numwidth}}{4.1em}
15730 \else % anything else
15731 \setlength{\@nameuse{cft#2indent}}{10.0em}
15732 \setlength{\@nameuse{cft#2numwidth}}{5.0em}
15733 \fi
15734 \@namedef{cft#2font}{\normalfont}
15735 \@namedef{cft#2presnum}{\}
15736 \@namedef{cft#2aftersnum}{\}
15737 \@namedef{cft#2aftersnumb}{\}
15738 \@namedef{cft#2dotsep}{\cftdotsep}
15739 \@namedef{cft#2leader}{\normalfont\cftdotfill{\@nameuse{cft#2dotsep}}}
15740 \@namedef{cft#2pagefont}{\normalfont}
15741 \@namedef{cft#2afterpnum}{\}
15742 \@namedef{toclevel@#2}{#4}
15743 \@namedef{cft#2fillnum}##1{%
15744 {\@nameuse{cft#2leader}}\nobreak
15745 \hb@xt@{\@pnumwidth}{\hfil\@nameuse{cft#2pagefont}##1}\@nameuse{cft#2afterpnum}\par}

```



```

15746 } % end \newlistentry
15747 \renewcommand{\cftchapterprecistoc}[1]{\addtocontents{toc}{%
15748   {\if@RTL\righskip\else\leftskip\fi \cftchapindent\relax
15749   \advance\if@RTL\righskip\else\leftskip\fi \cftchapnumwidth\relax
15750   \if@RTL\leftskip\else\righskip\fi \@tocrmarg\relax
15751   \textit{#1}\protect\par}}}

```

7.112 tocstyle-xetex-bidi.def

```

15752 \ProvidesFile{tocstyle-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tocstyle package for
15753 \renewcommand*{\tocstyle@dottedtocline}[5]{%
15754   \let\numberline\tocstyle@numberline
15755   \ifnum #1>\c@tocdepth \else
15756     \if@tocstyle@penalties
15757       \begingroup
15758         \@tempcnta 20010
15759         \advance \@tempcnta by -#1
15760         \ifnum \@tempcnta>\lastpenalty
15761           \aftergroup\penalty\aftergroup\@lowpenalty
15762         \fi
15763       \endgroup
15764     \fi
15765     \edef\tocstyledepth{#1}%
15766     \tocstyle@activate@features
15767     \ifx\tocstyle@feature@entryvskip\relax
15768       \vskip \z@ \@plus.2\p@
15769     \else
15770       \addvspace{\tocstyle@feature@entryvskip}%
15771     \fi
15772     {%
15773     \parskip \z@ \parindent \z@ \if@RTL\righskip\else\leftskip\fi \z@ \if@RTL\leftskip\else\righskip\fi
15774       \tocstyle@feature@raggedhook
15775       \@tempdima #3\relax
15776       \@tempdimb #2\relax
15777       \typeout{m (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15778       \ifnum #1>\z@\relax
15779         \@tempcnta #1\relax \advance\@tempcnta \m@ne
15780       \ifcsname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15781         \ifcsname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15782           \@tempdimb
15783         \csname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15784         \advance\@tempdimb
15785         \csname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15786       \fi
15787     \fi
15788     \fi
15789     \typeout{C (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15790     \ifcsname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname
15791       \ifdim \@tempdimb>
15792         \csname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname\relax

```



```

15793         \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15794         @#1\endcsname{\the\@tempdimb}%
15795     \fi
15796 \else
15797     \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15798     @#1\endcsname{\the\@tempdimb}%
15799 \fi
15800 \iftocstyle@autolength
15801     \ifcsname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15802     \@tempdimb \csname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15803     \relax
15804 \fi
15805     \ifcsname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
15806     \@tempdima \csname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
15807     \relax
15808 \fi
15809     \typeout{a (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15810     \typeout{A (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15811 \else
15812     \@tempdimb #2\relax
15813     \typeout{M (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15814 \fi
15815 \ifcsname tocstyle@unumwidth@\tocstyleTOC @\endcsname
15816     \ifdim \@tempdima>
15817     \csname tocstyle@unumwidth@\tocstyleTOC @\endcsname\relax
15818     \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
15819     @\endcsname{\the\@tempdima}%
15820 \fi
15821 \else
15822     \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
15823     @\endcsname{\the\@tempdima}%
15824 \fi
15825 \ifcase\tocstyle@indentstyle\relax\else
15826     \@tempdimb \z@
15827     \ifcsname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15828     \@tempdima \csname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15829     \relax
15830 \fi
15831     \typeout{s (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15832     \typeout{S (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15833 \fi
15834 \advance\parindent \@tempdimb\@afterindenttrue
15835 \advance\if@RTL\rightskip\else\leftskip\fi \parindent
15836 \advance\if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15837 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15838 \ifx\tocstyle@feature@parfillskip\relax\else
15839     \advance\parfillskip \tocstyle@feature@parfillskip\relax
15840 \fi
15841 \interlinepenalty\@M
15842 \leavevmode

```



```

15843 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima
15844 \null\nobreak
15845 \iftocstyle@indentnotnumbered\else
15846 \hskip -\if@RTL\righskip\else\leftskip\fi
15847 \fi
15848 \tocstyle@feature@entryhook
15849 {#4}\nobreak
15850 \ifx\tocstyle@feature@leaders\relax
15851 \leaders\hbox{$\m@th
15852 \mkern \@dotsep mu\hbox{\tocstyle@feature@dothook .}%
15853 \mkern \@dotsep mu$}\hfill
15854 \else
15855 \tocstyle@feature@leaders
15856 \fi
15857 \nobreak
15858 \ifx\tocstyle@feature@pagenumberbox\relax
15859 \hbext@\@pnumwidth{\hfil\tocstyle@feature@pagenumberhook #5}%
15860 \else
15861 \tocstyle@feature@pagenumberbox{\tocstyle@feature@pagenumberhook #5}%
15862 \fi
15863 \par
15864 }%
15865 \if@tocstyle@penalties
15866 \bgroup
15867 \@tempcnta 20009
15868 \advance\@tempcnta by -#1
15869 \edef\reserved@a{\egroup\penalty\the\@tempcnta\relax}%
15870 \reserved@a
15871 \fi
15872 \fi}
15873 \renewcommand*{\tocstyle@numberline}[1]{%
15874 \begingroup
15875 \ifx\tocstyle@feature@spaceafternumber\relax
15876 \settowidth\@tempdima{\tocstyle@numberline{#1}\enskip}%
15877 \else
15878 \settowidth\@tempdima{\tocstyle@numberline{#1}}%
15879 \advance \@tempdima \tocstyle@feature@spaceafternumber\relax
15880 \fi
15881 \ifcsname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname
15882 \ifdim \@tempdima >
15883 \csname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname\relax
15884 \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
15885 @\tocstyledepth\endcsname{\the\@tempdima}%
15886 \fi
15887 \else
15888 \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
15889 @\tocstyledepth\endcsname{\the\@tempdima}%
15890 \fi
15891 \endgroup
15892 \iftocstyle@indentnotnumbered

```




```

15893     \hskip -\if@RTL\rightskip\else\leftskip\fi
15894   \fi
15895   \ifcase \tocstyle@indentstyle
15896     \hb@xt@{\tempdima{\tocstyle@@numberline{#1}\hfil}}%
15897   \or
15898     \hb@xt@{\tempdima{\tocstyle@@numberline{#1}\hfil}}%
15899   \else
15900     \ifx\tocstyle@feature@spaceafternumber\relax
15901       \hbox{\tocstyle@@numberline{#1}\enskip}%
15902     \else
15903       \hbox{\tocstyle@@numberline{#1}\hskip
15904         \tocstyle@feature@spaceafternumber\relax}%
15905     \fi
15906   \fi
15907 }
15908 \AtBeginDocument{%
15909   \ifcsname l@part\endcsname
15910     \ifcsname l@chapter\endcsname
15911       \setbox\@tempboxa\vbox{\hsize\maxdimen
15912         \l@part{\tocstyle@l@define{part}{-1}}{}}%
15913     \else
15914       \setbox\@tempboxa\vbox{\hsize\maxdimen
15915         \l@part{\tocstyle@l@define{part}{0}}{}}%
15916     \fi
15917   \fi
15918   \ifcsname l@chapter\endcsname
15919     \setbox\@tempboxa\vbox{\hsize\maxdimen
15920       \l@chapter{\tocstyle@l@define{chapter}{0}}{}}%
15921   \fi
15922   \ifcsname l@section\endcsname
15923     \setbox\@tempboxa\vbox{\hsize\maxdimen
15924       \l@section{\tocstyle@l@define{section}{1}}{}}%
15925   \fi
15926   \ifcsname l@subsection\endcsname
15927     \setbox\@tempboxa\vbox{\hsize\maxdimen
15928       \l@subsection{\tocstyle@l@define{subsection}{2}}{}}%
15929   \fi
15930   \ifcsname l@subsubsection\endcsname
15931     \setbox\@tempboxa\vbox{\hsize\maxdimen
15932       \l@subsubsection{\tocstyle@l@define{subsubsection}{3}}{}}%
15933   \fi
15934   \ifcsname l@paragraph\endcsname
15935     \setbox\@tempboxa\vbox{\hsize\maxdimen
15936       \l@paragraph{\tocstyle@l@define{paragraph}{4}}{}}%
15937   \fi
15938   \ifcsname l@subparagraph\endcsname
15939     \setbox\@tempboxa\vbox{\hsize\maxdimen
15940       \l@subparagraph{\tocstyle@l@define{subparagraph}{5}}{}}%
15941   \fi
15942   \ifcsname l@table\endcsname

```



```

15943 \setbox\@tempboxa\vbox{\hsize\maxdimen
15944 \l@table{\tocstyle@l@define{table}{1}}{}}%
15945 \fi
15946 \ifcsname l@figure\endcsname
15947 \setbox\@tempboxa\vbox{\hsize\maxdimen
15948 \l@figure{\tocstyle@l@define{figure}{1}}{}}%
15949 \fi
15950 \def\@tempa#1#2#3#4#5{%
15951 \ifnum #1>\c@tocdepth \else
15952 \vskip \z@ \@plus.2\p@
15953 {\ifRTL\rightskip\else\leftskip\fi #2\relax \ifRTL\leftskip\else\rightskip\fi \@tocrmarg
15954 \parindent #2\relax\@afterindenttrue
15955 \interlinepenalty\@M
15956 \leavevmode
15957 \@tempdima #3\relax
15958 \advance\ifRTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\ifRTL\rightsk
15959 {#4}\nobreak
15960 \leaders\hbox{$\m@th
15961 \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
15962 mu$}\hfill
15963 \nobreak
15964 \hb@xt@\@pnumwidth{\hfil \normalfont \normalcolor #5}}%
15965 \par}%
15966 \fi}%
15967 \ifx\@dottedtocline\@tempa\else
15968 \tocstyle@macrochangewarning\@dottedtocline
15969 \fi
15970 \let\tocstyle@saved@dottedtocline\@dottedtocline
15971 \def\@tempa#1{\hb@xt@\@tempdima{#1\autodot\hfil}}%
15972 \ifx\numberline\@tempa\else
15973 \def\@tempa#1{\hb@xt@\@tempdima{#1\hfil}}%
15974 \ifx\numberline\@tempa\else
15975 \tocstyle@macrochangewarning\numberline
15976 \fi
15977 \fi
15978 \let\tocstyle@saved@numberline\numberline
15979 }
15980 \renewcommand*{\tocstyle@l@define}[2]{%
15981 \advance\ifRTL\rightskip\else\leftskip\fi-\@tempdima
15982 \edef\@tempa{%
15983 \noexpand\global\noexpand\let
15984 \expandafter\noexpand\csname tocstyle@saved@l@#1\endcsname
15985 \expandafter\noexpand\csname l@#1\endcsname
15986 \noexpand\gdef
15987 \expandafter\noexpand\csname tocstyle@l@#1\endcsname{%
15988 \noexpand\@dottedtocline{#2}{\the\ifRTL\rightskip\else\leftskip\fi}{\the\@tempdima}}%
15989 \noexpand\g@addto@macro\noexpand\tocstyle@activate@all@l@#1{%
15990 \noexpand\let\expandafter\noexpand\csname l@#1\endcsname
15991 \expandafter\noexpand\csname tocstyle@l@#1\endcsname
15992 }%

```



```

15993 }%
15994 \PackageInfo{tocstyle}{prepare \expandafter\string
15995   \csname l@#1\endcsname\space for redefinition}%
15996 \@tempa
15997 }

```

7.113 todonotes-xetex-bidi.def

```

15998 \ProvidesFile{todonotes-xetex-bidi.def}[2014/11/23 v0.2 bidi adaptations for todonotes package]
15999 \newif\if@bidi@todonotes@textdirection@RTL
16000 \newif\if@bidi@todonotes@figposition@right
16001 \newcommand{\@bidi@todonotes@align}{}%
16002 \define@key{todonotes}{align}{\renewcommand{\@bidi@todonotes@align}{#1}}%
16003 \newcommand{\@bidi@todonotes@textdirection}{}%
16004 \define@choicekey{todonotes}{textdirection}{\@bidi@todonotes@tempa\@bidi@todonotes@tempb}{right,
16005   \ifcase\@bidi@todonotes@tempb\relax
16006     \@bidi@todonotes@textdirection@RTLtrue
16007     \let\@bidi@todonotes@textdirection\@bidi@todonotes@tempb\relax
16008   \or
16009     \@bidi@todonotes@textdirection@RTLfalse
16010     \let\@bidi@todonotes@textdirection\@bidi@todonotes@tempb\relax
16011   \fi}
16012 \define@choicekey{todonotes}{figposition}{\@bidi@todonotes@tempa\@bidi@todonotes@tempb}{right,
16013   \ifcase\@bidi@todonotes@tempb\relax
16014     \@bidi@todonotes@figposition@righttrue
16015   \or
16016     \@bidi@todonotes@figposition@rightfalse
16017   \fi}
16018 \if@todonotes@disabled%
16019 \else % \if@todonotes@disabled
16020 \renewcommand{\@todonotes@drawMarginNoteWithLine}{%
16021 \begin{tikzpicture}[remember picture, overlay, baseline=-0.75ex]%
16022   \node [coordinate] (inText) {};%
16023 \end{tikzpicture}}%
16024 \marginpar[{}]{% Draw note in left margin
16025   \@todonotes@drawMarginNote%
16026   \if@RTL\@todonotes@drawLineToRightMargin\else\@todonotes@drawLineToLeftMargin\fi}%
16027 }]{% Draw note in right margin
16028   \@todonotes@drawMarginNote%
16029   \if@RTL\@todonotes@drawLineToLeftMargin\else\@todonotes@drawLineToRightMargin\fi}%
16030 }%
16031 }%
16032 \renewcommand{\@todonotes@drawMarginNote}{%
16033 \if@todonotes@dviStyle%
16034   \begin{tikzpicture}[remember picture]%
16035     \draw node[notestyle] {};%
16036   \end{tikzpicture}}\%
16037 \begin{minipage}{\@todonotes@textwidth}%
16038 \if@todonotes@authorgiven%
16039   \@todonotes@sizecommand \@todonotes@author \@todonotes@text%

```



```

16040 \else%
16041 \@todonotes@sizecommand \@todonotes@text%
16042 \fi%
16043 \end{minipage}\%
16044 \begin{tikzpicture}[remember picture]%
16045 \draw node[notestyle] (inNote) {};%
16046 \end{tikzpicture}%
16047 \else%
16048 \let\originalHbadness\hbadness%
16049 \hbadness 100000%
16050 \begin{tikzpicture}[remember picture,baseline=(X.base)]%
16051 \if@bidi@todonotes@textdirection@RTL\setRTL\fi%
16052 \node(X){\vphantom{X}};%
16053 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@text};%
16054 \if@todonotes@authorgiven%
16055 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@sizecommand\@todonotes@author};%
16056 \node(Y)[below=of X]{};%
16057 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@text};%
16058 \else%
16059 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@text};%
16060 \else%
16061 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north,align=\@bidi@todonotes@align]{\@todonotes@text};%
16062 \fi%
16063 \end{tikzpicture}%
16064 \hbadness \originalHbadness%
16065 \fi}%
16066 \renewcommand{\missingfigure}[2][]{%
16067 \setkeys{todonotes}{#1}%
16068 \addcontentsline{tdo}{todo}{\@todonotes@MissingFigureText: #2}%
16069 \par
16070 \noindent
16071 \begin{tikzpicture}
16072 \draw[fill=\@todonotes@currentfigcolor, draw = black!40, line width=2pt]
16073 (-2, -2.5) rectangle +(\@todonotes@currentfigwidth, \@todonotes@currentfigheight);
16074 \if@bidi@todonotes@figposition@right%
16075 \begin{scope}[xshift=\@todonotes@currentfigwidth-4cm]
16076 \draw[red, fill=white, rounded corners = 5pt, line width=10pt]
16077 (30:2cm) -- (150:2cm) -- (270:2cm) -- cycle;
16078 \if@bidi@todonotes@figposition@right%
16079 \end{scope}
16080 \begin{scope}[xshift=-3.8cm]
16081 \draw (2, -0.3) node[right, text
16082 width=\@todonotes@currentfigwidth-4.5cm,align=\@bidi@todonotes@align] {#2};
16083 \if@bidi@todonotes@figposition@right%
16084 \end{scope}

```



```

16090 \begin{scope}[xshift=\@todonotes@currentfigwidth-4cm]
16091 \fi%
16092 \draw (0, 0.3) node[align=\@bidi@todonotes@align] {\@bidi@todonotes@textdirection{\@todonotes@}}
16093 \draw (0, -0.3) node[align=\@bidi@todonotes@align] {\@bidi@todonotes@textdirection{\@todonotes@}}
16094 \if@bidi@todonotes@figposition@right%
16095 \end{scope}
16096 \fi%
16097 \end{tikzpicture}\hfill
16098 }% Ending \missingfigure command
16099 \fi % Ending \@todonotes@ifdisabled
16100 \presetkeys%
16101   {todonotes}%
16102   {align=left,%
16103    textdirection=lefttoright,%
16104    figposition=left}{}%

```

7.114 wrapfig-xetex-bidi.def

```

16105 \ProvidesFile{wrapfig-xetex-bidi.def}[2014/04/23 v0.3 bidi adaptations for wrapfig package for Xe
16106 \let\WF@@everypar\ bidi@n@everypar
16107 \def\WF@putfigmaybe{%
16108 \ifinner
16109   \vskip-\parskip \global\WF@floatfalse
16110   \let\pagetotal\maxdimen % kludge flag for "not top of page"
16111 \else % outer page
16112   \@tempdima\pagedepth % save page depth
16113   {\advance\parskip\@tempdima\ifRTL\advance\parskip\baselineskip\fi\vskip-\parskip}% back up
16114   \penalty\interlinepenalty % update pg. parameters
16115   \@tempdimb\pagegoal \advance\@tempdimb-\pagetotal % room left on page
16116   \ifdim\@tempdimb<\z@ % \WF@info{Page overfull already;}%
16117     \global\WF@floatfalse
16118     \ifdim-\@tempdimb>\pageshrink \else \pagebreak \fi
16119   \else
16120     \ifdim\WF@size>\@tempdimb
16121       \ifWF@float \dimen@.5\baselineskip \else \dimen@2\baselineskip\fi
16122       \ifdim\pagestretch>\dimen@ \dimen@\pagestretch \fi
16123       \ifdim\pagefilstretch>\z@ \dimen@\@tempdimb \fi
16124       \ifdim\pagefillstretch>\z@ \dimen@\@tempdimb \fi
16125       \advance\dimen@.5\baselineskip
16126       \ifdim\dimen@>\@tempdimb % \WF@info{Page nearly full; can stretch}%
16127         \global\WF@floatfalse \pagebreak
16128       \fi
16129     \else % \WF@info{Fits in \the\@tempdimb;}%
16130       \global\WF@floatfalse
16131     \fi\fi
16132   \vskip\@tempdima\relax % (return erased page depth)
16133 \fi
16134 \noindent
16135 \ifWF@float
16136   \WF@fltnes

```



```

16137 \else % putting here;
16138 \WF@info{Put \WF@wfname here:}%
16139 {\ifodd\if@twoside\c@page\else\one\fi % assign l/r to i/o placement
16140 \lccode`i`l\lccode`o`r\else \lccode`i`r\lccode`o`l\fi
16141 \xdef\WF@place{\the\lccode\lccode\WF@place}}% twice to get only l or r
16142 \hbox to\z@{\% llap or rlap depending on {l} or {r}; calc effective width
16143 \@tempdima\wd\WF@box \@tempdimb\WF@ovh
16144 \advance\@tempdima-\@tempdimb \advance\@tempdima\columnsep
16145 \@tempdimb\hsize \advance\@tempdimb-\@tempdima
16146 \xdef\WF@adjlw{\the\@tempdima}%
16147 \ifnum `l=\WF@place % fig on left
16148 \if@RTL%
16149 \kern\@tempdimb \kern\columnsep
16150 \def\@tempa{\hss}% position to left of the gap
16151 \else%
16152 \hss % figure overlaps space to the left
16153 \def\@tempa{\kern\columnsep}% position to left of the gap
16154 \fi%
16155 \else % fig on right
16156 \if@RTL%
16157 \hss
16158 \@tempdima\z@
16159 \def\@tempa{\kern\columnsep}
16160 \else%
16161 \@tempdima\z@ % no left indentation
16162 \kern\@tempdimb \kern\columnsep
16163 \def\@tempa{\hss}% figure overlaps space to the right
16164 \fi%
16165 \fi
16166 \ifdim\@tempdimb<\hsize
16167 \xdef\WF@wrapil{\the\@tempdima \the\@tempdimb}% indentation and length
16168 \xdef\WF@adjtlm{\the\@tempdima}%
16169 \else
16170 \xdef\WF@wrapil{\z@ \the\hsize}%
16171 \xdef\WF@adjlw{\z@}\xdef\WF@adjtlm{\z@}%
16172 \fi
16173 \ifdim\pagetotal=\z@ % \WF@info{Put \WF@wfname at top of p.\thepage}%
16174 \global\advance\WF@size-\intextsep
16175 \else % \WF@info{Putting \WF@wfname in middle of page}%
16176 \setbox\WF@box\hbox{\lower\intextsep\box\WF@box}%
16177 \fi \dp\WF@box\z@ \box\WF@box \@tempa
16178 }% end \hbox to Opt
16179 \aftergroup\WF@startwrapping % after the \endgroup which immediately follows
16180 \fi}

```

7.115 xcolor-xetex-bidi.def

```

16181 \ProvidesFile{xcolor-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for xcolor package for XeT
16182 \long\def\color@b@x#1#2#3%
16183 {\leavevmode\ifmmode\else\if@RTL\beginL\fi\fi

```



```

16184 \setbox\z@\hbox{\kern\fbboxsep{\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
16185 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
16186 \dimen@dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
16187 {\#1{\#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}\box\z@}}\ifmmode\else\if@RTL\endL\fi\fi}
16188 \def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
16189 \DeclareRobustCommand\color
16190 {\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\ifnextchar[\@undeclaredcolor\@declaredcolor}
16191 \def\@undeclaredcolor[#1]#2%
16192 {\begingroup
16193 \let\@cls\@empty
16194 \XC@getmodclr12{#1}{#2}{}%
16195 {\ifblendcolors
16196 \ifx\colorblend\@empty\else
16197 \edef\@mix{\expandafter\@gobble\colorblend}\@tempwafalse
16198 \XC@coremodel\@mod\@clr\@xcolor@{}{}\@mod\@clr
16199 \fi
16200 \fi
16201 \ifconvertcolorsU
16202 \edef\@tmp{\XC@tgt@mod{\@mod}}%
16203 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
16204 \fi
16205 \ifmaskcolors
16206 \convertcolorspec\@mod\@clr\XC@mmod\@clr
16207 \let\@mod\XC@mmod
16208 \XC@inflate\@mod\XC@mclr\@clr\@tmp
16209 \expandafter\XC@mul\@tmp,\@clr
16210 \fi
16211 \edef\@tmp{\noexpand\XC@undeclaredcolor{\@mod}{\@clr}}%
16212 \expandafter\endgroup\@tmp}}
16213 \def\@declaredcolor#1%
16214 {\XC@edef\XC@tmp{#1}\XC@tstfalse
16215 \ifcase\XC@type\XC@tmp\relax \XC@tsttrue\or \relax\else
16216 \ifblendcolors\XC@tsttrue\fi \ifmaskcolors\XC@tsttrue\fi
16217 \ifconvertcolorsU\XC@tsttrue\fi
16218 \fi
16219 \if\XC@tst
16220 \expandafter\XC@declaredcolor\else
16221 \expandafter\XC@declaredcolor\fi}
16222 \def\XC@undeclaredcolor#1#2%
16223 {\@ifundefinedmodel{#1}%
16224 {\c@lor@error{model `#1'}}%
16225 {\@nameuse{color#1}\current@color{#2}%
16226 \edef\XC@current@color{\noexpand\xcolor@{}{\current@color}{#1}{#2}}%
16227 \XC@display}\ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
16228 \def\XC@declaredcolor
16229 {\XC@let\Nc\XC@current@color{\string\color@\XC@tmp}%
16230 \edef\current@color{\XC@current@color}%
16231 \XC@display\ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
16232 \DeclareRobustCommand\bidicolor
16233 {\@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}

```



```

16234 \def\@bidiundeclaredcolor[#1]#2%
16235 {\begingroup
16236   \let\@@cls\@empty
16237   \XC@getmodclr12{#1}{#2}{}%
16238   {\ifblendcolors
16239     \ifx\colorblend\@empty\else
16240       \edef\@@mix{\expandafter\@gobble\colorblend}\@tempwafalse
16241       \XC@coremodel\@mod\@clr\@xcolor@{}{}\@mod\@clr
16242     \fi
16243   \fi
16244   \ifconvertcolorsU
16245     \edef\@@tmp{\XC@tgt@mod{\@mod}}%
16246     \convertcolorspec\@mod\@clr\@@tmp\@clr \let\@mod\@@tmp
16247   \fi
16248   \ifmaskcolors
16249     \convertcolorspec\@mod\@clr\XC@mmod\@clr
16250     \let\@mod\XC@mmod
16251     \XC@inflate\@mod\XC@mclr\@clr\@@tmp
16252     \expandafter\XC@mul\@@tmp,\@clr
16253   \fi
16254   \edef\@@tmp{\noexpand\XC@bidiundeclaredcolor{\@mod}{\@clr}}%
16255   \expandafter\endgroup\@@tmp}}
16256 \def\XC@bidiundeclaredcolor#1#2%
16257 {\@ifundefinedmodel{#1}%
16258  {\color@error{model `#1'}}%
16259  {\@nameuse{color@#1}\current@color{#2}%
16260   \edef\XC@current@color{\noexpand\xcolor@{}{\current@color}{#1}{#2}}%
16261   \XC@display}}
16262 \def\@bidideclaredcolor#1%
16263 {\XC@edef\XC@@tmp{#1}\XC@@tstfalse
16264  \ifcase\XC@type\XC@@tmp\relax \XC@@tsttrue\or \relax\else
16265    \ifblendcolors\XC@@tsttrue\fi \ifmaskcolors\XC@@tsttrue\fi
16266    \ifconvertcolorsU\XC@@tsttrue\fi
16267  \fi
16268  \if\XC@@tst
16269    \expandafter\XC@bidideclaredcolor\else
16270    \expandafter\XC@bidideclaredcolor\fi}
16271 \def\XC@bidideclaredcolor
16272 {\XC@split\XC@@tmp
16273  \edef\@@tmp{\noexpand\@bidiundeclaredcolor[\@mod]{\@clr}}%
16274  \expandafter\endgroup\@@tmp}
16275 \def\XC@bidideclaredcolor
16276 {\XC@let\Nc\XC@current@color{\string\color@\XC@@tmp}%
16277  \edef\current@color{\XC@current@color}%
16278  \XC@display}
16279 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
16280 \def\color@fbbox#1#2#3{\protect\color@fb@x{#1}{#2}{#3}}
16281 \def\color@fb@x#1#2#3#4%
16282 {\color@b@x{\fbboxsep\z@\bidicolor#1{#2}\XC@fbbox}%
16283  {\@ifxempty{#3}{\bidicolor#1}{\bidicolor#3}{#4}}}

```




```
16284 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode\endR\fi}
```

7.116 latex-xetex-bidi.def

```
16285 \ProvidesFile{latex-xetex-bidi.def}[2014/11/29 v1.1.8 bidi adaptations for 'latex.ltx' for XeTeX]
16286 \newcommand{\TeXXeTOn}{\TeXXeTstate=1 }
16287 \newcommand{\TeXXeTOff}{\TeXXeTstate=0 }
16288 \TeXXeTOn
16289 \def\bidi@RTL@everypar{\if@RTL{\setbox\z@\lastbox\beginR\ifvoid\z@\else\usebox\z@\fi}\fi}
16290 \let\bidi@o@everypar=\everypar
16291 \newtoks\bidi@n@everypar
16292 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
16293 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
16294 \let\everypar=\bidi@n@everypar
16295 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
16296 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
16297 \protected\def\hboxR{\hbox\bgroup
16298 \everyhbox{%
16299 \aftergroup\egroup
16300 \everyhbox{}}%
16301 \beginR
16302 \bgroup
16303 \aftergroup\endR
16304 \aftergroup\egroup
16305 }\hbox}
16306 \protected\def\hboxL{\hbox\bgroup
16307 \everyhbox{%
16308 \aftergroup\egroup
16309 \everyhbox{}}%
16310 \beginL
16311 \bgroup
16312 \aftergroup\endL
16313 \aftergroup\egroup
16314 }\hbox}
16315 \protected\def\vboxR{\vbox\bgroup
16316 \everyvbox{%
16317 \aftergroup\egroup
16318 \everyvbox{}}%
16319 \@RTLtrue
16320 \bgroup
16321 \aftergroup\egroup
16322 }\vbox}
16323 \protected\def\vboxL{\vbox\bgroup
16324 \everyvbox{%
16325 \aftergroup\egroup
16326 \everyvbox{}}%
16327 \@RTLfalse
16328 \bgroup
16329 \aftergroup\egroup
16330 }\vbox}
```



```

16331 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab
16332 \def\endLTR{\par}
16333 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
16334 \def\endRTL{\par}
16335 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
16336 \def\setLTR{\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab
16337 \let\unsetRTL=\setLTR
16338 \let\unsetLTR=\setRTL
16339 \let\LR=\LRE
16340 \let\RL=\RLE
16341 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
16342 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
16343 \let\@ensure@RL=\@ensure@RTL
16344 \let\@ensure@LR=\@ensure@LTR
16345 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
16346 \let\@ensure@maindir=\@ensure@dir
16347 \def\@RTL{RTL}
16348 \def\@LTR{LTR}
16349 \def\save@dir{\if@RTL\gdef\save@@dir{RTL}\else\gdef\save@@dir{LTR}\fi}
16350 \def\reset@dir{\ifx\save@@dir\@RTL\setRTL\else\ifx\save@@dir\@LTR\setLTR\else\relax\fi}
16351 \let\@TeX\TeX
16352 \def\TeX{\@ensure@LTR{\@TeX}}
16353 \let\@LaTeX\LaTeX
16354 \def\LaTeX{\@ensure@LTR{\@LaTeX}}
16355 \let\@LaTeXe\LaTeXe
16356 \def\LaTeXe{\@ensure@LTR{\@LaTeXe}}
16357 \long\def\ bidi@reflect@box#1{%
16358   \leavevmode
16359   \setbox\z@\hbox{{#1}}%
16360   \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}%
16361   \hb@xt@\wd\z@{\kern\wd\z@\box\tw@\hss}%
16362 }
16363 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
16364   \hbox{\kern-.125em\ bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
16365 \def\XeLaTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
16366   \hbox{\kern-.125em\ bidi@reflect@box{E}}\kern-.1667em \LaTeX}}$}}
16367 \let\setRL=\setRTL
16368 \let\setLR=\setLTR
16369 \let\unsetRL=\setLTR
16370 \def\RTLcases#1{\left.\vcenter{\normalbaselines\m@th
16371   \ialign{##\hfil$&\quad{##}\hfil\crrc#1\crrc}}\,,\right\}}
16372 \def\SepMark#1{\gdef\@SepMark{\if@RTL\fi#1\if@RTL\fi}}
16373 \SepMark{.}
16374 \def\@thmcountersep{\@SepMark}
16375 \def\setRTLbibitems{\@RTLbibitemstrue\@LTRbibitemsfalse}
16376 \def\setLTRbibitems{\@LTRbibitemstrue\@RTLbibitemsfalse}
16377 \def\setdefaultbibitems{\@RTLbibitemsfalse\@LTRbibitemsfalse}
16378 \def\list#1#2{%
16379   \ifnum \@listdepth >5\relax
16380     \@toodeep

```



```

16381 \else
16382   \global\advance\@listdepth\@ne
16383 \fi
16384 \rightmargin\z@
16385 \listparindent\z@
16386 \itemindent\z@
16387 \csname @list\romannumeral\the\@listdepth\endcsname
16388 \def\@itemlabel{#1}%
16389 \let\makelabel\@mklab
16390 \@nmbrlistfalse
16391 #2\relax
16392 \@trivlist
16393 \parskip\parsep
16394 \parindent\listparindent
16395 \advance\linewidth -\rightmargin
16396 \advance\linewidth -\leftmargin
16397 \if@bidi@list@minipage@parbox
16398 \if@RTL
16399 \advance\@totalleftmargin \leftmargin
16400 \else
16401 \advance\@totalleftmargin \rightmargin
16402 \fi
16403 \else
16404 \if@RTLtab
16405 \if@bidi@list@minipage@parbox@not@nob
16406 \if@RTL
16407 \advance\@totalleftmargin \rightmargin
16408 \else
16409 \advance\@totalleftmargin \leftmargin
16410 \fi
16411 \else
16412 \if@RTL
16413 \advance\@totalleftmargin \leftmargin
16414 \else
16415 \advance\@totalleftmargin \rightmargin
16416 \fi\fi
16417 \else
16418 \if@RTL
16419 \advance\@totalleftmargin \rightmargin
16420 \else
16421 \advance\@totalleftmargin \leftmargin
16422 \fi\fi\fi
16423 \parshape \@ne \@totalleftmargin \linewidth
16424 \ignorespaces}
16425 \def\@item[#1]{%
16426 \if@noparitem
16427 \@donoparitem
16428 \else
16429 \if@inlabel
16430 \indent \par

```



```

16431 \fi
16432 \ifhmode
16433 \unskip\unskip \par
16434 \fi
16435 \if@newlist
16436 \if@nobreak
16437 \@nbitem
16438 \else
16439 \addpenalty\@beginparpenalty
16440 \addvspace\@topsep
16441 \addvspace{-\parskip}%
16442 \fi
16443 \else
16444 \addpenalty\@itempenalty
16445 \addvspace\itemsep
16446 \fi
16447 \global\@inlabeltrue
16448 \fi
16449 \everypar{\if@bidi@list@minipage@parbox\if@RTL\else\beginL\fi\else\if@RTLtab\if@RTL\else\beginR\fi\fi}%
16450 \@minipagefalse
16451 \global\@newlistfalse
16452 \if@inlabel
16453 \global\@inlabelfalse
16454 {\setbox\z@\lastbox
16455 \ifvoid\z@
16456 \kern-\itemindent
16457 \fi}%
16458 \box\@labels
16459 \penalty\z@
16460 \fi
16461 \if@nobreak
16462 \@nobreakfalse
16463 \clubpenalty \@M
16464 \else
16465 \clubpenalty \@clubpenalty
16466 \everypar{}%
16467 \fi}%
16468 \if@noitemarg
16469 \@noitemargfalse
16470 \if@nbrlist
16471 \refstepcounter\@listctr
16472 \fi
16473 \fi
16474 \sbox\@tempboxa{\makelabel{#1}}%
16475 \global\setbox\@labels\hbox{%
16476 \unhbox\@labels
16477 \hskip \itemindent
16478 \hskip -\labelwidth
16479 \hskip -\labelsep
16480 \ifdim \wd\@tempboxa >\labelwidth

```



```

16481 \box\@tempboxa
16482 \else
16483 \hbox to\labelwidth {\unhbox\@tempboxa}%
16484 \fi
16485 \hskip \labelsep}%
16486 \ignorespaces}
16487 \long\def\@iiiparbox#1#2[#3]#4#5{%
16488 \leavevmode
16489 \@pboxswfalse
16490 \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
16491 \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
16492 \setlength\@tempdima{#4}%
16493 \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@par}%
16494 \ifx\relax#2\else
16495 \setlength\@tempdimb{#2}%
16496 \edef\@parboxto{to\the\@tempdimb}%
16497 \fi
16498 \if#1b\vbox
16499 \else\if #1t\vtop
16500 \else\ifmmode\vcenter
16501 \else\@pboxswtrue $\vcenter
16502 \fi\fi\fi
16503 \@parboxto{\let\hss\vss\let\unhbox\unvbox
16504 \csname bm@#3\endcsname}%
16505 \if@pboxsw \m@th$\fi
16506 \@end@tempboxa}
16507 \newenvironment{LTRitems}
16508 {\par\@RTLfalse
16509 \if@bidi@list@minipage@parbox
16510 \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
16511 \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
16512 \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
16513 \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
16514 \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi\fi
16515 \ignorespaces}{\vskip\z@}
16516 \newenvironment{RTLitems}
16517 {\par\@RTLtrue
16518 \if@bidi@list@minipage@parbox
16519 \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
16520 \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
16521 \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
16522 \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
16523 \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi\fi
16524 \ignorespaces}{\vskip\z@}
16525 \newenvironment{LTRbibitems}
16526 {\par\@RTLfalse
16527 \if@bidi@list@minipage@parbox
16528 \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
16529 \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
16530 \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else

```



```

16531         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
16532         \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi\fi
16533         \ignorespaces}{\vskip\z@}
16534 \newenvironment{RTLbibitems}
16535     {\par\@RTLtrue
16536     \if@bidi@list@minipage@parbox
16537     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
16538     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
16539     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
16540     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
16541     \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi\fi
16542     \ignorespaces}{\vskip\z@}
16543 \def\raggedright{%
16544     \let\\\@centercr\@rightskip\@flushglue \rightskip\@rightskip
16545     \leftskip\z@skip
16546     \parindent\z@\parfillskip\z@skip}
16547 \let\bidi@orig@raggedleft\raggedleft
16548 \let\bidi@orig@raggedright\raggedright
16549 \renewcommand\raggedleft{\if@bidi@list@minipage@parbox\bidi@orig@raggedright\else\if@RTLtab\b
16550 \renewcommand\raggedright{\if@bidi@list@minipage@parbox\bidi@orig@raggedleft\else\if@RTLtab\b
16551 \newcommand{\bidi@raggedright}{\if@RTL\raggedleft\else\raggedright\fi}
16552 \newcommand{\bidi@raggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
16553 \def\centerline#1{%
16554 \if@RTL\@@line{\hss\beginR#1\endR\hss}
16555 \else\@@line{\hss#1\hss}\fi}
16556 \def\leftline#1{%
16557 \if@RTL\@@line{\beginR#1\endR\hss}
16558 \else\@@line{#1\hss}\fi}
16559 \def\rightline#1{%
16560 \if@RTL\@@line{\hss\beginR#1\endR}
16561 \else\@@line{\hss#1}\fi}
16562 \let\bidi@orig@leftline\leftline
16563 \let\bidi@orig@rightline\rightline
16564 \def\leftline#1{\ifhmode\if@RTL\bidi@orig@rightline{#1}\else\bidi@orig@leftline{#1}\fi\else\i
16565 \def\rightline#1{\ifhmode\if@RTL\bidi@orig@leftline{#1}\else\bidi@orig@rightline{#1}\fi\else\
16566 \def\bidirlap#1{\hb@xt@\z@{\if@RTL\hss\fi#1\if@RTL\else\hss\fi}}
16567 \def\bidillap#1{\hb@xt@\z@{\if@RTL\else\hss\fi#1\if@RTL\hss\fi}}
16568 \def\@hangfrom#1{\setbox\@tempboxa\hbox{#1}}%
16569     \hangindent \if@RTL-\else\fi\wd\@tempboxa\noindent\box\@tempboxa}
16570 \def\narrower{%
16571     \advance\if@RTL\rightskip\else\leftskip\fi\parindent
16572     \advance\if@RTL\leftskip\else\rightskip\fi\parindent}
16573 \def\underline#1{%
16574     \relax
16575     \ifmmode\@@underline{#1}%
16576     \else
16577 \if@RTL $\@@underline{\hbox{\beginR#1\endR}}\m@th$\relax
16578 \else
16579 $\@@underline{\hbox{#1}}\m@th$\relax\fi\fi}
16580 \if@compatibility

```



```

16581 \let\undertext=\underline
16582 \fi
16583 \global\@RTLtabfalse
16584 \def\@tabular{\if@RTL\@RTLtabtrue\fi
16585 \leavevmode \hbox \bgroup \if@RTLtab\beginR \fi
16586 $\let\@acol\@tabacol
16587 \let\@classz\@tabclassz
16588 \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
16589 \def\endtabular{\crrc\egroup\if@RTLtab\egroup\endR\egroup\fi
16590 \egroup $\if@RTLtab\endR\fi\egroup
16591 \@RTLtabfalse}
16592 \expandafter \let \csname endtabular*\endcsname = \endtabular
16593 \def\@array[#1]#2{%
16594 \if #1t\top \else \if#1b\vbox \else \vcenter \fi\fi
16595 \bgroup
16596 \setbox\@arstrutbox\hbox{%
16597 \vrule \@height\arraystretch\ht\strutbox
16598 \@depth\arraystretch \dp\strutbox
16599 \@width\z@}%
16600 \mkpream{#2}%
16601 \edef\@preamble{%
16602 \ialign \noexpand\@halignto
16603 \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
16604 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
16605 \let\@tabularnewline\%
16606 \let\par\@empty
16607 \let\@sharp##%
16608 \set@typeset@protect
16609 \lineskip\z@skip\baselineskip\z@skip
16610 \ifhmode \@preamerr\z@ \@@par\fi
16611 \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
16612 \@preamble}
16613 \def\array{\let\@acol\@arrayacol \let\@classz\@arrayclassz
16614 \let\@classiv\@arrayclassiv
16615 \let\\\@arraycr\let\@halignto\@empty\@RTLtabfalse\@tabarray}
16616 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
16617 \ifnum \@lastchclass=3 5 \else
16618 \z@ \if #1c\@chnum \z@ \else
16619 \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
16620 \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
16621 \@chclass \if #1l\@ne \else
16622 \if #1@ \tw@ \else
16623 \if #1p3 \else \z@ \@preamerr 0\fi
16624 \fi \fi \fi \fi \fi \fi
16625 \fi}
16626 \def\bm@l{\if@RTL\hss\unhbox\@tempboxa\else\unhbox\@tempboxa\hss\fi}
16627 \def\bm@r{\if@RTL\unhbox\@tempboxa\hss\else\hss\unhbox\@tempboxa\fi}
16628 \def\bm@t{\unhbox\@tempboxa\hss}
16629 \def\bm@b{\hss\unhbox\@tempboxa}
16630 \def\@dottedtocline#1#2#3#4#5{%

```



```

16631 \ifnum #1>\c@tocdepth \else
16632   \vskip \z@ \@plus.2\p@
16633   {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg \
16634     \parindent #2\relax\@afterindenttrue
16635     \interlinepenalty\@M
16636     \leavevmode
16637     \@tempdima #3\relax
16638     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righski
16639     {#4}\nobreak
16640     \leaders\hbox{$\m@th
16641       \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
16642       mu$}\hfill
16643     \nobreak
16644     \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
16645     \par}%
16646 \fi}
16647 \def\RTL@outputdblcol{%
16648 \if@firstcolumn \global\@firstcolumnfalse
16649 \global\setbox\@leftcolumn \box\@outputbox
16650 \else \global\@firstcolumntrue
16651 \setbox\@outputbox \vbox {\hbox to\textwidth {%
16652 \hskip \columnwidth
16653 \hfil \vrule width\columnseprule \hfil
16654 \hbox to\columnwidth {\box\@leftcolumn \hss}}%
16655 \hskip -\textwidth
16656 \hbox to\columnwidth{\box\@outputbox \hss}}%
16657 \hskip \columnsep
16658 \hskip \columnwidth }}%
16659 \@combinedblfloats \@outputpage
16660 \begingroup \@dblfloatplacement \@startdblcolumn
16661 \@whiles\if@fcolmade \fi
16662 {\@outputpage \@startdblcolumn }\endgroup
16663 \fi}
16664 \def\LTR@outputdblcol{%
16665 \if@firstcolumn
16666   \global \@firstcolumnfalse
16667   \global \setbox\@leftcolumn \box\@outputbox
16668   \else
16669     \global \@firstcolumntrue
16670     \setbox\@outputbox \vbox {%
16671       \hb@xt@\textwidth {%
16672         \hb@xt@\columnwidth {%
16673           \box\@leftcolumn \hss}%
16674         \hfil
16675         {\normalcolor\vrule \@width\columnseprule}%
16676         \hfil
16677         \hb@xt@\columnwidth {%
16678           \box\@outputbox \hss}%
16679         }%
16680       }%

```




```

16681 \combinedblfloats
16682 \outputpage
16683 \beginingroup
16684 \dblfloatplacement
16685 \startdblcolumn
16686 \@whilesw\if@fcolmade \fi
16687 {\@outputpage
16688 \startdblcolumn}%
16689 \endgroup
16690 \fi
16691 }
16692 \renewcommand{\@outputdblcol}{\if@RTLmain\RTL@outputdblcol\else\LTR@outputdblcol\fi}
16693 \newcommand{\RTLdblcol}{\renewcommand{\@outputdblcol}{\RTL@outputdblcol}}
16694 \newcommand{\LTRdblcol}{\renewcommand{\@outputdblcol}{\LTR@outputdblcol}}
16695 \def\LTRmarginpar{%
16696 \ifhmode
16697 \bsphack
16698 \@floatpenalty -\@Mii
16699 \else
16700 \@floatpenalty-\@Miii
16701 \fi
16702 \ifinner
16703 \parmoderr
16704 \@floatpenalty\z@
16705 \else
16706 \@next\@currbox\@freelist{}\}%
16707 \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
16708 {\@floatpenalty\z@
16709 \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
16710 \fi
16711 \@ifnextchar [\@LTRxmpar\@LTRympar}
16712 \long\def\@LTRxmpar[#1]#2{%
16713 \LTRsavemarbox\@marbox{#1}%
16714 \LTRsavemarbox\@currbox{#2}%
16715 \@xympar}
16716 \long\def\@LTRympar#1{%
16717 \LTRsavemarbox\@marbox{#1}%
16718 \global\setbox\@currbox\copy\@marbox
16719 \@xympar}
16720 \long\def \@LTRsavemarbox #1#2{%
16721 \global\setbox #1%
16722 \color@vbox
16723 \vtop{%
16724 \hsize\marginparwidth
16725 \@parboxrestore
16726 \@LTRmarginparreset
16727 #2%
16728 \@minipagefalse
16729 \outer@nobreak
16730 }%

```



```

16731     \color@endbox
16732 }
16733 \def \LTRmarginparreset {%
16734     \reset@font
16735     \normalsize
16736     \@minipagetrue
16737     \everypar{\@minipagefalse\everypar{}\beginL}%
16738 }
16739 \def\RTLmarginpar{%
16740     \ifhmode
16741         \@bsphack
16742         \@floatpenalty -\@Mii
16743     \else
16744         \@floatpenalty-\@Miii
16745     \fi
16746     \ifinner
16747         \@parmoderr
16748         \@floatpenalty\z@
16749     \else
16750         \@next\@currbox\@freelist{}\{}%
16751         \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
16752         {\@floatpenalty\z@
16753         \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
16754     \fi
16755     \@ifnextchar [\@RTLxmpar\@RTLympar}
16756 \long\def\@RTLxmpar[#1]#2{%
16757     \@RTLSavemarbox\@marbox{#1}%
16758     \@RTLSavemarbox\@currbox{#2}%
16759     \@xympar}
16760 \long\def\@RTLympar#1{%
16761     \@RTLSavemarbox\@marbox{#1}%
16762     \global\setbox\@currbox\copy\@marbox
16763     \@xympar}
16764 \long\def \@RTLSavemarbox #1#2{%
16765     \global\setbox #1%
16766         \color@vbox
16767         \vtop{%
16768             \hsize\marginparwidth
16769             \@parboxrestore
16770             \@RTLmarginparreset
16771             #2%
16772             \@minipagefalse
16773             \outer@nobreak
16774         }%
16775     \color@endbox
16776 }
16777 \def \@RTLmarginparreset {%
16778     \reset@font
16779     \normalsize
16780     \@minipagetrue

```



```

16781 \everypar{\@minipagefalse\everypar{}\beginR}%
16782 }
16783 \def\@addmarginpar{\@next\@marbox\@currlist{\@cons\@freelist\@marbox
16784 \@cons\@freelist\@currbox}\@latexbug\@tempcnta\@ne
16785 \if@twocolumn
16786 \if@firstcolumn \@tempcnta\m@ne \fi
16787 \else
16788 \if@mparswitch
16789 \ifodd\c@page \else\@tempcnta\m@ne \fi
16790 \fi
16791 \if@reversemargin \@tempcnta -\@tempcnta \fi
16792 \fi
16793 \ifnum\@tempcnta <\z@ \global\setbox\@marbox\box\@currbox \fi
16794 \@tempdima\@mparbottom
16795 \advance\@tempdima -\@pageht
16796 \advance\@tempdima\ht\@marbox
16797 \ifdim\@tempdima >\z@
16798 \@latex@warning@no@line {Marginpar on page \thepage\space moved}%
16799 \else
16800 \@tempdima\z@
16801 \fi
16802 \global\@mparbottom\@pageht
16803 \global\advance\@mparbottom\@tempdima
16804 \global\advance\@mparbottom\dp\@marbox
16805 \global\advance\@mparbottom\marginparpush
16806 \advance\@tempdima -\ht\@marbox
16807 \global\setbox \@marbox
16808 \vbox {\vskip \@tempdima
16809 \box \@marbox}%
16810 \global \ht\@marbox \z@
16811 \global \dp\@marbox \z@
16812 \kern -\@pagedp
16813 \nointerlineskip
16814 \hb@xt@\columnwidth
16815 {\if@RTL\if@LTRmarginpar\beginL\else\beginR\fi\else\if@RTLmarginpar\beginR\else\beginL\fi
16816 \hskip\columnwidth \hskip\marginparsep
16817 \else
16818 \hskip -\marginparsep \hskip -\marginparwidth
16819 \fi
16820 \box\@marbox \hss\if@RTL\if@LTRmarginpar\endL\else\endR\fi\else\if@RTLmarginpar\endR\else
16821 \nointerlineskip
16822 \hbox{\vrule \@height\z@ \@width\z@ \@depth\@pagedp}}
16823 \long\def\@ympar#1{%
16824 \@savemarbox\@marbox{\if@RTL\if@LTRmarginpar\@RTLfalse\else\@RTLtrue\fi\else\if@RTLmarginpar
16825 \global\setbox\@currbox\copy\@marbox
16826 \@xympar}
16827 \def\setRTLmarginpar{\@RTLmarginpartrue\@LTRmarginparfalse}
16828 \def\setLTRmarginpar{\@LTRmarginpartrue\@RTLmarginparfalse}
16829 \def\setdefaultmarginpar{\@RTLmarginparfalse\@LTRmarginparfalse}
16830 \def\@stopline{\unskip\@stopfield\if@rjfield \global\@rjfieldfalse

```



```

16831 \@tempdima\@totalleftmargin \advance\@tempdima\linewidth
16832 \hbox to\@tempdima{\if@RTL\beginR\fi\@itemfudge\hskip\dimen\@curtabmar
16833 \box\@curline\hfil\box\@curfield\if@RTL\endR\fi}\else\@addfield
16834 \hbox to\linewidth{\if@RTL\beginR\fi\@itemfudge
16835 \hskip\dimen\@curtabmar\box\@curline\hfil\if@RTL\endR\fi}%
16836 \fi}
16837 \def\@outputpage{%
16838 \begingroup % the \endgroup is put in by \aftergroup
16839 \let \protect \noexpand
16840 \@resetactivechars
16841 \global\let\@@if@newlist\if@newlist
16842 \global\@newlistfalse
16843 \@parboxrestore
16844 \shipout \vbox{%
16845 \set@typeset@protect
16846 \aftergroup \endgroup
16847 \aftergroup \set@typeset@protect
16848 % correct? or just restore by ending
16849 % the group?
16850 \if@specialpage
16851 \global\@specialpagefalse\@nameuse{ps@\@specialstyle}%
16852 \fi
16853 \if@twoside
16854 \ifodd\count\z@ \let\@thehead\@oddhead \let\@thefoot\@oddfoot
16855 \let\@themargin\oddsidemargin
16856 \else \let\@thehead\@evenhead
16857 \let\@thefoot\@evenfoot \let\@themargin\evensidemargin
16858 \fi
16859 \ifx\@thehead\@empty \let\@thehead\hfil \fi
16860 \ifx\@thefoot\@empty \let\@thefoot\hfil \fi
16861 \else %% not @twoside
16862 \ifx\@oddhead\@empty \let\@thehead\hfil \fi
16863 \ifx\@oddfoot\@empty \let\@thefoot\hfil \fi
16864 \fi
16865 \reset@font
16866 \normalsize
16867 \normalsfcodes
16868 \let\label\@gobble
16869 \let\index\@gobble
16870 \let\glossary\@gobble
16871 \baselineskip\z@skip \lineskip\z@skip \lineskiplimit\z@
16872 \@begindvi
16873 \vskip \topmargin
16874 \moveright\@themargin \vbox {%
16875 \setbox\@tempboxa \vbox to\headheight{%
16876 \vfil
16877 \color@hbox
16878 \normalcolor
16879 \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thehead\if@RTL
16880 \color@endbox

```



```

16881      }%                               %% 22 Feb 87
16882      \dp\@tempboxa \z@
16883      \box\@tempboxa
16884      \vskip \headsep
16885      \box\@outputbox
16886      \baselineskip \footskip
16887      \color@hbox
16888      \normalcolor
16889      \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thefoot\if@RTLma
16890      \color@endbox
16891      }%
16892      }%
16893      \global\let\if@newlist\@if@newlist
16894      \global \@colht \textheight
16895      \stepcounter{page}%
16896      \let\firstmark\botmark
16897 }
16898 \long\def\@makecaption#1#2{%
16899   \vskip\abovecaptionskip
16900   \sbox\@tempboxa{#1: #2}%
16901   \ifdim \wd\@tempboxa >\hsize
16902     \if@RTL\beginR\fi#1: #2\if@RTL\endR\fi\par
16903   \else
16904     \global \@minipagefalse
16905     \hb@xt@\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}%
16906     \fi
16907     \vskip\belowcaptionskip}
16908 \let\@bidi@saved@eqno=\eqno
16909 \let\@bidi@saved@leqno=\leqno
16910 \def\eqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@leqno \else \@bidi@saved@eqno \fi}
16911 \def\leqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@eqno \else \@bidi@saved@leqno \fi}
16912 \ifpackageloaded{amsmath}{\{}{
16913 \def\@eqnnum{\normalfont \normalcolor \if@RTL\beginR\fi(\theequation)\if@RTL\endR\fi}}
16914 }
16915 \input{footnote-xetex-bidi.def}
16916 \if@twocolumn
16917   \let\autofooterule\relax
16918   \let\leftfootnoterule\relax
16919   \let\rightfootnoterule\relax
16920   \textwidthfootnoterule
16921 \fi
16922 \if@bidi@csundef{\idxitem}{\}%
16923 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi40\p}%
16924 }
16925 \ifclassloaded{article}{\ifclassloaded{svmult}{\input{article-xetex-bidi.def}}{}}
16926 \ifclassloaded{extarticle}{\input{extarticle-xetex-bidi.def}}{}}
16927 \ifclassloaded{artikel1}{\input{artikel1-xetex-bidi.def}}{}}
16928 \ifclassloaded{artikel2}{\input{artikel2-xetex-bidi.def}}{}}
16929 \ifclassloaded{artikel3}{\input{artikel3-xetex-bidi.def}}{}}
16930 \ifclassloaded{amsart}{\input{amsart-xetex-bidi.def}}{}}

```



```

16931 \@ifclassloaded{letter}{\input{letter-xetex-bidi.def}}{}
16932 \@ifclassloaded{scrletter}{\input{scrletter-xetex-bidi.def}}{}
16933 \@ifclassloaded{extletter}{\input{extletter-xetex-bidi.def}}{}
16934 \@ifclassloaded{memoir}{\input{memoir-xetex-bidi.def}}{}
16935 \@ifclassloaded{refrep}{\input{refrep-xetex-bidi.def}}{}
16936 \@ifclassloaded{extreport}{\input{extreport-xetex-bidi.def}}{}
16937 \@ifclassloaded{report}{\@ifpackageloaded{flowfram}{}{\input{report-xetex-bidi.def}}}{\input{report-xetex-bidi.def}}{}
16938 \@ifclassloaded{rapport1}{\input{rapport1-xetex-bidi.def}}{}
16939 \@ifclassloaded{rapport3}{\input{rapport3-xetex-bidi.def}}{}
16940 \@ifclassloaded{scrartcl}{\input{scrartcl-xetex-bidi.def}}{}
16941 \@ifclassloaded{scrbook}{\input{scrbook-xetex-bidi.def}}{}
16942 \@ifclassloaded{scrreprt}{\input{scrreprt-xetex-bidi.def}}{}
16943 \@ifclassloaded{amsbook}{\input{amsbook-xetex-bidi.def}}{}
16944 \@ifclassloaded{extbook}{\input{extbook-xetex-bidi.def}}{}
16945 \@ifclassloaded{boek}{\input{boek-xetex-bidi.def}}{}
16946 \@ifclassloaded{boek3}{\input{boek3-xetex-bidi.def}}{}
16947 \@ifclassloaded{book}{\@ifpackageloaded{flowfram}{}{\input{book-xetex-bidi.def}}}{\input{book-xetex-bidi.def}}{}
16948 \@ifclassloaded{bookest}{\input{bookest-xetex-bidi.def}}{}
16949 \@ifclassloaded{combine}{\input{combine-xetex-bidi.def}}{}
16950 \@ifpackageloaded{amsmath}{}{}%
16951 \@iftagsloaded{leqno}{\input{leqno-xetex-bidi.def}}{}
16952 \@iftagsloaded{fleqn}{\input{fleqn-xetex-bidi.def}}{}
16953 }
16954 \@ifpackageloaded{mathtools}{\RequirePackage{graphicx}}{}
16955 \@ifpackageloaded{crop}{\RequirePackage{graphicx}}{}
16956 \@ifpackageloaded{sidecap}{\RequirePackage{ragged2e}}{}
16957 \@ifpackageloaded{floatrow}{\RequirePackage{color}}{}
16958 \@ifpackageloaded{amsmath}{\input{amsmath-xetex-bidi.def}}{}
16959 \@ifpackageloaded{amstext}{\input{amstext-xetex-bidi.def}}{}
16960 \@ifpackageloaded{amsthm}{\input{amsthm-xetex-bidi.def}}{}
16961 \@ifpackageloaded{breqn}{\input{breqn-xetex-bidi.def}}{}
16962 \@ifpackageloaded{cals}{\input{cals-xetex-bidi.def}}{}
16963 \@ifpackageloaded{caption}{\input{caption-xetex-bidi.def}}{}
16964 \@ifpackageloaded{caption3}{\input{caption3-xetex-bidi.def}}{}
16965 \@ifpackageloaded{floatrow}{\input{floatrow-xetex-bidi.def}}{}
16966 \@ifpackageloaded{crop}{\@ifclassloaded{memoir}{}{\input{crop-xetex-bidi.def}}}{\input{crop-xetex-bidi.def}}{}
16967 \@ifpackageloaded{color}{\input{color-xetex-bidi.def}}{}
16968 \@ifpackageloaded{cutwin}{\input{cutwin-xetex-bidi.def}}{}
16969 \@ifpackageloaded{cuted}{\input{cuted-xetex-bidi.def}}{}
16970 \@ifpackageloaded{xcolor}{\input{xcolor-xetex-bidi.def}}{}
16971 \@ifpackageloaded{colortbl}{\input{colortbl-xetex-bidi.def}}{}
16972 \@ifpackageloaded{float}{\@ifpackageloaded{floatrow}{}{\input{float-xetex-bidi.def}}}{\input{float-xetex-bidi.def}}{}
16973 \@ifpackageloaded{flowfram}{\input{flowfram-xetex-bidi.def}}{}
16974 \@ifpackageloaded{xltextra}{\input{xltextra-xetex-bidi.def}}{}
16975 \@ifpackageloaded{wrapfig}{\input{wrapfig-xetex-bidi.def}}{}
16976 \@ifpackageloaded{graphicx}{\input{graphicx-xetex-bidi.def}}{}
16977 \@ifpackageloaded{geometry}{\input{geometry-xetex-bidi.def}}{}
16978 \@ifpackageloaded{hvfloat}{\input{hvfloat-xetex-bidi.def}}{}
16979 \@ifpackageloaded{ntheorem}{\input{ntheorem-xetex-bidi.def}}{}
16980 \@ifpackageloaded{tabularx}{\input{tabularx-xetex-bidi.def}}{}

```



```

16981 \@ifpackageloaded{longtable}{\input{longtable-xetex-bidi.def}}{}
16982 \@ifpackageloaded{hyperref}{\input{hyperref-xetex-bidi.def}}{}
16983 \@ifpackageloaded{ntheorem-hyper}{\input{ntheorem-hyper-xetex-bidi.def}}{}
16984 \@ifpackageloaded{fancybox}{\input{fancybox-xetex-bidi.def}}{}
16985 \@ifpackageloaded{fancyhdr}{\input{fancyhdr-xetex-bidi.def}}{}
16986 \@ifpackageloaded{fix2col}{\input{fix2col-xetex-bidi.def}}{}
16987 \@ifpackageloaded{ftnright}{\input{ftnright-xetex-bidi.def}}{}
16988 \@ifpackageloaded{midfloat}{\input{midfloat-xetex-bidi.def}}{}
16989 \@ifpackageloaded{draftwatermark}{\input{draftwatermark-xetex-bidi.def}}{}
16990 \@ifpackageloaded{dblfnote}{\input{dblfnote-xetex-bidi.def}}{}
16991 \@ifpackageloaded{eso-pic}{\input{eso-pic-xetex-bidi.def}}{}
16992 \@ifpackageloaded{empheq}{\input{empheq-xetex-bidi.def}}{}
16993 \@ifpackageloaded{framed}{\input{framed-xetex-bidi.def}}{}
16994 \@ifpackageloaded{pdfpages}{\input{pdfpages-xetex-bidi.def}}{}
16995 \@ifpackageloaded{lettrine}{\input{lettrine-xetex-bidi.def}}{}
16996 \@ifpackageloaded{listings}{\input{listings-xetex-bidi.def}}{}
16997 \@ifpackageloaded{pstricks}{\input{pstricks-xetex-bidi.def}}{}
16998 \@ifpackageloaded{pgf}{\input{pgf-xetex-bidi.def}}{}
16999 \@ifpackageloaded{titlesec}{\input{titlesec-xetex-bidi.def}}{}
17000 \@ifpackageloaded{titletoc}{\input{titletoc-xetex-bidi.def}}{}
17001 \@ifpackageloaded{array}{\input{array-xetex-bidi.def}}{}
17002 \@ifpackageloaded{sidecap}{\input{sidecap-xetex-bidi.def}}{}
17003 \@ifpackagewith{sidecap}{innercaption}{%
17004 \if@RTL \renewcommand*{\SC@FLOAT}[2]{%
17005 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1} {#1}\hspace{\sidecaptionsep}{#2}}
17006 \renewcommand*{\SC@justify@caption{%
17007 \isSC@ODD{\RaggedRight}{\RaggedLeft}}\else
17008 \renewcommand*{\SC@FLOAT}[2]{%
17009 \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2} {#2}\hspace{\sidecaptionsep}{#1}}
17010 \renewcommand*{\SC@justify@caption{%
17011 \isSC@ODD{\RaggedLeft}{\RaggedRight}}\fi
17012 }{}
17013 \@ifpackagewith{sidecap}{rightcaption}{%
17014 \if@RTL\renewcommand*{\SC@FLOAT}[2]{#1}\hspace{\sidecaptionsep}{#2}}
17015 \def\SC@justify@caption{\RaggedLeft}\else%
17016 \renewcommand*{\SC@FLOAT}[2]{#2}\hspace{\sidecaptionsep}{#1}}
17017 \def\SC@justify@caption{\RaggedRight}\fi%
17018 }{}
17019 \@ifpackagewith{sidecap}{leftcaption}{%
17020 \if@RTL \renewcommand*{\SC@FLOAT}[2]{#2}\hspace{\sidecaptionsep}{#1}}
17021 \def\SC@justify@caption{\RaggedRight}\else%
17022 \renewcommand*{\SC@FLOAT}[2]{#1}\hspace{\sidecaptionsep}{#2}}
17023 \def\SC@justify@caption{\RaggedLeft}\fi%
17024 }{}
17025 \@ifpackageloaded{stabular}{\input{stabular-xetex-bidi.def}}{}
17026 \@ifpackageloaded{subfigure}{\input{subfigure-xetex-bidi.def}}{}
17027 \@ifpackageloaded{arydshln}{\input{arydshln-xetex-bidi.def}}{}
17028 \@ifpackageloaded{mdframed}{\input{mdframed-xetex-bidi.def}}{}
17029 \@ifpackageloaded{multicol}{\input{multicol-xetex-bidi.def}}{}
17030 \@ifpackageloaded{multienum}{\input{multienum-xetex-bidi.def}}{}

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7.117 xltextra-xetex-bidi.def

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17049 \let\@XeLaTeX\XeLaTeX
17050 \def\XeLaTeX{\@ensure@LTR{\@XeLaTeX}}

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<code>\XC@mclr</code> . . . 16208, 16251		
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9 Change History

v13.9	General: Added implementaion of the package.	o	lot, lof, etc with multicol package.	267	
v14.2	General: Fixed the wrong order of toc,		v14.3	General: Removed \leavevmode to avoid extra \par.	121

