

The bidi Package



Bidirectional typesetting in plain $\text{T}_{\text{E}}\text{X}$ and \LaTeX ,
using $\text{XeT}_{\text{E}}\text{X}$ engine

Vafa Khalighi

persian-tex@tug.org

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If you want to report any bugs or typos and corrections in the documentation, or ask for any new features, or suggest any improvements, or ask any questions about the package, then please do not send any direct emails to me; I will not answer any direct emails. Instead please use the issue tracker:

<https://github.com/vafa/bidi/issues>

In doing so, please always explain your issue well enough, always include a minimal working examples 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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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  $\text{\TeX}$  and  $\text{\LaTeX}$ , using  $\text{\XeTeX}$  engine)
*
* Description: A convenient interface for
* typesetting bidirectional texts in plain  $\text{\TeX}$ 
* and  $\text{\LaTeX}$ . The package includes adaptations
* for use with many other commonly-used packages.
*
* Copyright © 2009–2013 Vafa Khalighi
*
* 2013/09/25, v14
*
* License:  $\text{\LaTeX}$  Project Public License, version
* 1.3c or higher (your choice)
*
* Location on CTAN: /macros/xetex/latex/bidi
*
* Issue tracker: https://github.com/vafa/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.

¹**Simorgh** 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 seperated. You can use `\SepMark` to use any other mark as the seperation 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

<code>\hboxR</code>	<code>\hboxL</code>	<code>\vboxR</code>	<code>\vboxL</code>
---------------------	---------------------	---------------------	---------------------

- ☞ 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 \end{enumerate}
11 \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

```

\setLTRbibitems \setRTLbibitems \setdefaultbibitems

```

- ☞ 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, hvfloat, hyperref, lettrine, listings, mdframed, midfloat, minitoc, multicol, multienum, newfloat, pdfpages, pstricks, quotchap, picinpar, ragged2e, rotating, sidecap, stabular, subfig, subfigure, supertabular, xtab, tabs, tabular, 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 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.

2.5 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.

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 bidgette bundle

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

☞ You need to use bidgette-book class instead tufte-book class and bidgette-handout class instead tufte-handout class.

☞ bidgette bundle provides the following extra commands:

<code>\LTRsidenote</code> <code>\RTLsidenote</code> <code>\LTRmarginnote</code> <code>\RTLmarginnote</code>

- ☞ `biditufte-book` and `biditufte-handout` classes provide two extra options; `RTL-geometry` (active when loading either of classes) and `LTRgeometry`.
- ☞ `biditufte` 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 `biditufte` bundle (no need for `soul`, `letterspace` and `macrotype` packages).
- ☞ If you want to configure `biditufte-book` class for your own needs, then you can create a file with the name `biditufte-book.cfg` and put your \LaTeX macros in that file; similarly, if you want to configure `biditufte-handout` class for your own needs, then you can create a file with the name `biditufte-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 `bidicodes` 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 `bid` package provides `bidmoderncv`² class for typesetting resúés. 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

`bid` package provides `bid2in1` 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.

3.7 Producing Presentations

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

3.7.1 `bidpresentation` Class

`bidpresentation` is a simple class for presentations to be shown on screen or beamer. It is derived from \LaTeX ’s `article` class. The “virtual paper size” of documents produced by this class: `width=128mm`, `height=96mm`. `bidpresentation` requires that the `fancyhdr` and `geometry` packages are available on the system. Enhancements to the `bidpresentation` class are easily made available by other packages, these include slides with a background from a bitmap (`eso-pic` package).

Usage: The class is used with

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

```
\documentclass [Options] {bidipresentation}
```

Options of the article class are also available to bidipresentation, e. g. 10pt, 11pt, 12pt for selection of font size. However, not all options of the article class will be appropriate for a presentation class, e. g. twocolumn.

A simple example document:

```
1 \documentclass[12pt]{bidipresentation}
2 \usepackage{eso-pic}
3 \usepackage[RTLdocument]{bidi}
4 \pagestyle{pres}
5 \AddToShipoutPicture{
6 \includegraphics{gradient2.png}
7 }
8 \begin{document}
9 \begin{titlepage}
10 \centering
11 \distance{1}
12 {
13 \Huge \bfseries Title of the presentation \par
14 }
15 \vspace{1.3ex} \large
16 Author\ \ [2ex] Institution
17 \distance{2}
18 \end{titlepage}
19 \begin{plainslide}[Title of Page]
20 The first page
21 \end{plainslide}
22 \begin{rawslide}
23 The second page
24 \end{rawslide}
25 \end{document}
```

The title page can be created within the titlepage environment, the \maketitle command is not available. Slides may be created with the plainslide environment, you may add the title of the slide with the optional parameter. The contents of the slide are centered vertically. Another environment generating a slide is rawslide: slides are written without title, contents are not vertically centered.

The \distance{<number>} command allows to introduce vertical space into slides constructed with the rawslide and titlepage environments. You should use pairs of \distance{} commands with numbers indicating the relative height of empty space, see the titlepage in the example above.

Pictures can be included with the \includegraphics command of the graphicx package. Please be aware that the dimensions of the pages are 128mm × 96mm and therefore included graphics are scaled appropriately.

Enhancements to bidipresentation:

Fill background of a presentation with bitmaps: eso-pic package allows you to paint the background with a picture:

```
1 \usepackage{eso-pic}
2 ...
3 \AddToShipoutPicture{
4 \includegraphics{gradient2.png}
5 }
```

`\AddToShipoutPicture{}` puts the picture on every page, `\AddToShipoutPicture*{}` puts it on to the current page, `\ClearShipoutPicture` clears the background beginning with the current page. Details of eso-pic's commands can be found in its own documentation.

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

<code>\@ensure@RTL{<text>}</code> <code>\@ensure@RL{<text>}</code> <code>\@ensure@LTR{<text>}</code> <code>\@ensure@LR{<text>}</code> <code>\@ensure@dir{<text>}</code> <code>\@ensure@maindir{<text>}</code>
--

- ☞ `\@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

<code>\save@dir</code> <code>\saved@@dir</code> <code>\reset@dir</code>

- ☞ `\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;

<code>\input bidi</code>

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

<code>\bidiversion</code> <code>\bididate</code>
--

- ☞ `\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

<code>\LTR <text> \endLTR</code>
<code>\RTL <text> \endRTL</code>

☞ 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\rightskip\else\leftskip\fi#3\relax \advance\if@RTL\rightskip\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 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@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 \if@RTL\raggedleft\else\raggedright\fi
101 \hyphenpenalty\@M
102 \footnotesize}
103 \def\@idxitem{\par\hangindent \if@RTL-\fi2em}
104 \def\subitem{\par\hangindent \if@RTL-\fi2em\hspace*{1em}}
105 \def\subsubitem{\par\hangindent \if@RTL-\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     \onx\markboth{\the\toks4
121         \onx\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     \@makefntext{%
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     \@makefntext{%
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}[2013/09/23 v0.8 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\maketag@@@#1{\hbox{\m@th\normalfont\if@Latin\else\beginR\fi#1\if@Latin\else\endR\fi}}
```

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 \one \@chnum \one \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\one \else
283   \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
284   \z@ \@chclass
285   \if \@nextchar |\@one \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 $\if@RTLtab\endR\fi\egroup\@RTLtabfalse}
303 \expandafter\let\csname endtabular*\endcsname=\endtabular
304 \def\@array[#1]#2{%
305 \@tempdima \ht \strutbox
306 \advance \@tempdima by\extrarowheight
307 \setbox \@arstrutbox \hbox{\vrule
308 \height \arraystretch \@tempdima
309 \depth \arraystretch \dp \strutbox
310 \width \z@}%
311 \beginR
312 \@mkpream{#2}%
313 \xdef\@preamble{\noexpand \ialign \@halignto
314 \bgroup \@arstrut \@preamble
315 \tabskip \z@ \cr}%
316 \endgroup
317 \@arrayleft
318 \if #1t\vtop \else \if#1b\vbox \else \vcenter \fi \fi
319 \bgroup
320 \let \@sharp ##\let \protect \relax
321 \lineskip \z@
322 \baselineskip \z@
323 \m@th
324 \let\\\@arraycr \let\tabularnewline\\\let\par\@empty \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup
325 \def\@tabarray{\ifnextchar[\@array]{\@array[c]}}
326 \def\endarray{\crrc \egroup\if@RTLtab\egroup\endR\egroup\fi \egroup \@arrayright \gdef\@preamble
327 \def\array{\col@sep\arraycolsep
328 \def\d@llarbegin{$}\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 clas
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=\@one
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}{\MakeUppercase\indexname}%
521      \thispagestyle{plain}\parindent\z@
522      \parskip\z@ \@plus .3\p@\relax
523      \let\item\@idxitem}
524     {\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@authornothanks\@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   \if@RTL\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\@makefnstext##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@subsection}
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\@makefntext##1{\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 \begingroup
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         \ifRTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}%% \end{tabular} will
1287         \ifRTL\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 \ifRTLtab\egroup\endR\egroup\fi\egroup}
1295 \def\endtabular{\endarray $\ifRTLtab\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 \@ne \@chnum \@ne \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 \ifRTLtab r\else l\fi\@ne \else
1315   \if \@nextchar \ifRTLtab l\else r\fi\tw@ \else
1316   \z@ \@chclass
1317   \if\@nextchar |\@ne \let\@arrayrule\adl@arrayrule \else
1318   \if\@nextchar : \@ne \let\@arrayrule\adl@arraydashrule \else
1319   \if\@nextchar ; \@ne \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{2013/09/25}
1430 \def\bidiversion{v14}
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 © 2009-2013 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/vafa/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 \eqnewif{\if@RTLmain}{\if@rlmain}
1466 \eqnewif{\if@RTL}{\if@rl}
1467 \newif\if@Latin
1468 \eqnewif{\if@RTLtab}{\if@tab@rl}
1469 \newif\if@RTLmarginpar
1470 \newif\if@LTRmarginpar
1471 \newif\if@LTRbibitems
1472 \newif\if@RTLbibitems
1473 \newif\if@extrafootnotefeatures
1474 \newif\if@parafootRTL
1475 \newif\if@RTLcolumnfootnotes
```

```

1476 \eqnewif{\if@RTL@footnote}{\if@rl@footnote}
1477 \newif\if@bidi@list@minipage@parbox
1478 \newif\if@bidi@list@minipage@parbox@not@nob
1479 \@RTLmainfalse
1480 \AtBeginDocument{%
1481   \if@RTLmain\else
1482     \if@RTL\@RTLmaintrue%
1483     \else\@RTLmainfalse%
1484     \fi%
1485   \fi%
1486 }
1487 \let\n@xt=
1488 \bidi@newrobustcmd*{\LRE}{\protect\pLRE}%
1489 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1490 \bidi@newrobustcmd*{\RLE}{\protect\pRLE}
1491 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
1492 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1493   \errmessage{Missing left brace has been substituted}\fi \bgroup}
1494 \input{latex-xetex-bidi.def}
1495 \input{loadingorder-xetex-bidi.def}
1496 \DeclareOption{RTLdocument}{\@RTLtrue\@RTL@footnotetrue\autofootnoterule}
1497 \DeclareOption{rldocument}{\@RTLtrue\@RTL@footnotetrue\autofootnoterule}
1498 \DeclareOption{extrafootnotefeatures}{\@extrafootnotefeaturestrue}
1499 \ProcessOptions
1500
1501 \if@extrafootnotefeatures
1502   \input{extrafootnotefeatures-xetex-bidi.def}
1503 \fi

```

7.13 bidi.tex

```

1504 \def\bididate{2013/09/25}
1505 \def\bidiversion{v0.2}
1506 \catcode`\@=11
1507 \let\protect\relax
1508 \newlinechar`\^^J
1509 \edef\@bidi@info{*****^^J%
1510 * ^^J%
1511 * bidi package (Bidirectional typesetting in^^J%
1512 * plain TeX and LaTeX, using XeTeX engine)^^J%
1513 * ^^J%
1514 * Description: A convenient interface for^^J%
1515 * typesetting bidirectional texts in plain TeX^^J%
1516 * and LaTeX. The package includes adaptations^^J%
1517 * for use with many other commonly-used packages.^^J%
1518 * ^^J%
1519 * Copyright © 2009-2013 Vafa Khalighi^^J%
1520 * ^^J%
1521 * \bididate, \bidiversion^^J%
1522 * ^^J%

```

```

1523 * License: LaTeX Project Public License, version^^J%
1524 * 1.3c or higher (your choice)^^J%
1525 * ^^J%
1526 * Location on CTAN: /macros/xetex/latex/bidi^^J%
1527 * ^^J%
1528 * Issue tracker: https://github.com/vafa/bidi/issues^^J%
1529 * ^^J%
1530 * Support: persian-tex@tug.org^^J%
1531 *****}
1532 \message{\@bidi@info}
1533 \edef\bidi@everyjob{\the\everyjob}
1534 \everyjob{\bidi@everyjob\message{\@bidi@info}}
1535 \input iftex.sty
1536 \RequireXeTeX
1537 \newif\if@RTLmain
1538 \newif\if@RTL
1539 \newif\if@sentsdir
1540 \newif\if@RTL@footnote
1541 \@RTLmainfalse
1542 \def\setRTLmain{%
1543   \if@RTLmain\else
1544     \if@RTL\@RTLmaintrue%
1545     \else\@RTLmainfalse%
1546     \fi%
1547   \fi%
1548 }
1549 \let\n@xt=\
1550 \protected\def\LRE{\protect\pLRE}%
1551 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1552 \protected\def\RLE{\protect\pRLE}
1553 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
1554 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1555   \errmessage{Missing left brace has been substituted}\fi \bgroup}
1556 \input plain-xetex-bidi.def
1557 \catcode`\@=12

```

7.14 bidi2in1.sty

```

1558 \NeedsTeXFormat{LaTeX2e}
1559 \ProvidesPackage{bidi2in1}
1560 \pagestyle{plain}
1561 \newcount\evenpage
1562 \newcount\oddpage
1563 \twocolumn
1564 \def\@oddfoot{\evenpage=\thepage%
1565 \multiply\evenpage by 2%
1566 \oddpage=\the\evenpage%
1567 \advance\oddpage by -1%
1568 \hfil\the\evenpage\hfil\hfil\the\oddpage\hfil}%
1569 \def\@evenfoot{\evenpage=\thepage%

```

```

1570 \multiply\evenpage by 2%
1571 \oddpagelength=\the\evenpagelength%
1572 \advance\oddpagelength by -1%
1573 \hfil\the\oddpagelength\hfil\hfil\the\evenpagelength\hfil}%
1574 \textwidth 9.49in
1575 \textheight 6.7in
1576 \columnsep 0.9in
1577 \columnseprule 0.125pt
1578 \headheight 0cm
1579 \topmargin 0in
1580 \marginparwidth 0in
1581 \marginparsep 0in
1582 \hoffset 0.05in % Corrected
1583 \voffset -0.5in %top margin space is 1.0in by default
1584 \oddsidemargin 0in
1585 \evensidemargin 0in
1586 \headsep 0cm
1587 \topskip 0cm
1588 \parskip 0.15in %
1589 \headsep 0pt
1590 \special{papersize=11.69in,8.26in}
1591 \renewcommand\maketitle{\par
1592 \begingroup
1593 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1594 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
1595 \long\def\@makefnmark##1{\parindent 1em\noindent
1596 \hb@xt@1.8em{\%
1597 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
1598 \@maketitle
1599 \@thanks
1600 \endgroup
1601 \setcounter{footnote}{0}%
1602 \global\let\thanks\relax
1603 \global\let\maketitle\relax
1604 \global\let\@maketitle\relax
1605 \global\let\@thanks\@empty
1606 \global\let\@author\@empty
1607 \global\let\@date\@empty
1608 \global\let\@title\@empty
1609 \global\let\title\relax
1610 \global\let\author\relax
1611 \global\let\date\relax
1612 \global\let\and\relax
1613 }

```

7.15 bidicode.sty

```

1614 \NeedsTeXFormat{LaTeX2e}
1615 \ProvidesPackage{bidicode}
1616 \RequirePackage{xcolor}

```

```

1617 \RequirePackage{showexpl}
1618 \definecolor{hellgelb}{rgb}{1,1,0.85}
1619 \definecolor{colKeys}{rgb}{0,0,1}
1620 \definecolor{colIdentifier}{rgb}{0,0,0}
1621 \definecolor{colComments}{rgb}{1,0,0}
1622 \definecolor{colString}{rgb}{0,0.5,0}
1623 \lstset{
1624     language=[LaTeX]TEX,
1625     float=hb,
1626     basicstyle=\ttfamily\small,
1627     identifierstyle=\color{colIdentifier},
1628     keywordstyle=\color{colKeys},
1629     stringstyle=\color{colString},
1630     commentstyle=\color{colComments},
1631     columns=flexible,
1632     tabsize=4,
1633     gobble =1,
1634     extendedchars=true,
1635     showspace=false,
1636     showstringspaces=false,
1637     numbers=left,
1638     numbersep=0.9em,
1639     numberstyle=\tiny, %
1640     frame=single,
1641     captionpos=b,
1642     xleftmargin=1em,
1643     breaklines=true,
1644     breakautoindent=false,
1645     breakindent=0pt,
1646     escapeinside=**,
1647     pos=r,
1648     explpreset={%
1649     xleftmargin=1em,columns=flexible,language=[LaTeX]TEX},
1650     morekeywords={setLTR,setLR,setRTL,setRL,LRE,LR,RLE,RL,lr,bidiversion,bididate}
1651 }
1652 \newcommand\HLON{%
1653     \gdef\lst@alloverstyle##1{%
1654         \fboxrule=0pt
1655         \fboxsep=0pt
1656         \fcolorbox{hellgelb}{hellgelb}{\bfseries\strut##1}%
1657     }
1658 \newcommand\HLOFF{%
1659     \xdef\lst@alloverstyle##1{##1}%
1660 }
1661 \newcommand\Larg [1]{\normalfont\itshape#1\/\}}
1662 \newcommand\Larga[1]{\angle$\Larg{#1}$\rangle$}
1663 \newcommand\Largb[1]{\lcb\Larg{#1}\rcb}
1664 \newcommand\Largs[1]{\lsb\Larg{#1}\rsb}
1665 \newcommand\Largr[1]{\lrb\Larg{#1}\rrb}
1666 \newcommand\LBEG[1]{\normalfont\ttfamily\bs{}begin\lcb#1\rcb}}

```

```

1667 \newcommand\LEND[1]{\{\normalfont\ttfamily\bs{}\end\lcb#1\rcb\}}
1668
1669 \DeclareRobustCommand\bs{\{\normalfont\ttfamily\symbol{92}\}}
1670 \DeclareRobustCommand\lcb{\{\normalfont\ttfamily\char`\{\}}
1671 \DeclareRobustCommand\rcb{\{\normalfont\ttfamily\char`\}\}}
1672 \DeclareRobustCommand\lsb{\{\normalfont\ttfamily[}\}}
1673 \DeclareRobustCommand\rsb{\{\normalfont\ttfamily]\}}
1674 \DeclareRobustCommand\lrb{\{\normalfont\ttfamily(}\}}
1675 \DeclareRobustCommand\rrb{\{\normalfont\ttfamily)\}}
1676
1677 \def\Lcs#1{\nxLcs{#1}}
1678 \def\LcsStar#1{\nxLcs{#1}\OptArg*{}}
1679 \def\nxLcs#1{\texttt{\symbol{92}#1}}
1680
1681 \def\Coordx#1{$x_{#1}$}
1682 \def\Coordy#1{$y_{#1}$}
1683 \def\Coordz#1{$z_{#1}$}
1684 \def\Coord#1{\Coordx{#1},\kern 1pt\Coordy{#1}}
1685 \def\Coordn{\Coordx{n},\kern 1pt\Coordy{n}}
1686 \def\CoordIII#1{\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1}}
1687 \def\CAny{\Coordx{},\kern 1pt\Coordy{}}
1688 \def\CIIIAny{\Coordx{},\kern 1pt\Coordy{},\kern 1pt\Coordz{}}
1689 \def\coord#1{(\Coordx{#1},\kern 1pt\Coordy{#1})}
1690 \def\coordn{(\Coordx{n},\kern 1pt\Coordy{n})}
1691 \def\coordiii#1{(\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1})}
1692 \def\coordx#1{($x_{#1}$)}
1693 \def\coordy#1{($y_{#1}$)}
1694 \def\coordz#1{($z_{#1}$)}
1695 \def\cAny{(\Coordx{},\kern 1pt\Coordy{}}
1696 \def\ciiiiAny{(\Coordx{},\kern 1pt\Coordy{},\kern 1pt\Coordz{}}
1697
1698 \newsavebox{\boxdef}
1699 \newenvironment{BDef}
1700   {\begin{lrbox}\boxdef
1701     \def\arraystretch{1.0}
1702     \begin{tabular}{@{}l@{}l@{}l@{}}
1703   }
1704   {\end{tabular}\end{lrbox}}
1705
1706   {\BCmd\fbbox{\usebox\boxdef}\endBCmd}
1707   \aftergroup\@afterindentfalse\aftergroup\@afterheading
1708 }
1709
1710 \newenvironment{BDef*}
1711   {\begin{lrbox}\boxdef
1712     \def\arraystretch{1.0}
1713     \begin{tabular}{@{}l@{}l@{}l@{}}
1714   }
1715   {\end{tabular}\end{lrbox}}
1716   {\begin{BCmd*}\fbbox{\usebox\boxdef}\end{BCmd*}}

```

```

1717 \aftergroup\@afterindentfalse\aftergroup\@afterheading
1718 }
1719 \newenvironment{BCmd}{
1720 \@beginparpenalty-\@lowpenalty
1721 \topsep\BDefaboveskip
1722 \fboxsep3pt
1723 \flushleft}
1724 {\@endparpenalty\@M
1725 \@topsepadd\BDefbelowskip
1726 \endflushleft}
1727
1728 \newenvironment{BCmd*}{
1729 \@beginparpenalty\@M
1730 \topsep\BDefinlineskip
1731 \fboxsep3pt
1732 \flushleft}
1733 {\@endparpenalty5000
1734 \endflushleft}
1735
1736 \newskip\BDefaboveskip
1737 \newskip\BDefbelowskip
1738 \newskip\BDefinlineskip
1739 \setlength\BDefaboveskip{10pt plus 4pt}
1740 \setlength\BDefbelowskip{6pt}
1741 \setlength\BDefinlineskip{6pt}
1742
1743 \def\OptArgs{\colorbox{black!20}{\texttt{[Options]}}}\kern1pt}
1744 \def\OptArg{\@ifnextchar*\OptArg@i{\OptArg@ii*}}
1745 \def\OptArg@i*#1{\colorbox{black!20}{\texttt{#1}}}\kern1pt}
1746 \def\OptArg@ii*#1{\colorbox{black!20}{\texttt{[#1]}}}\kern1pt}

```

7.16 bidiftnxtra.sty

```

1747 \NeedsTeXFormat{LaTeX2e}
1748 \ProvidesPackage{bidiftnxtra}
1749 \newtoks\bidip@ftn
1750 \let\FN@sfc@footnote\footnote
1751 \let\FN@sfc@LTRfootnote\LTRfootnote
1752 \let\FN@sfc@RTLfootnote\RTLfootnote
1753 \def\footnote{\ifx\protect\@typeset@protect
1754 \expandafter\FN@sfc@footnote
1755 \else
1756 \expandafter\FN@sfc@gobble@opt
1757 \fi
1758 }
1759 \def\LTRfootnote{\ifx\protect\@typeset@protect
1760 \expandafter\FN@sfc@LTRfootnote
1761 \else
1762 \expandafter\FN@sfc@gobble@opt
1763 \fi

```

```

1764 }
1765 \def\RTLfootnote{\ifx\protect\@typeset@protect
1766   \expandafter\FN@sfi@RTLfootnote
1767   \else
1768   \expandafter\FN@sfi@gobble@opt
1769   \fi
1770 }
1771 \edef\FN@sfi@gobble@opt{\noexpand\protect
1772   \expandafter\noexpand\csname FN@sfi@gobble@opt \endcsname}
1773 \expandafter\def\csname FN@sfi@gobble@opt \endcsname{%
1774   \@ifnextchar[%]
1775     \FN@sfi@gobble@twobrace
1776     \@gobble
1777 }
1778 \def\FN@sfi@gobble@twobrace[#1]#2{
1779 \let\FN@sfi@footnotemark\footnotemark
1780 \def\footnotemark{\ifx\protect\@typeset@protect
1781   \expandafter\FN@sfi@footnotemark
1782   \else
1783   \expandafter\FN@sfi@gobble@optonly
1784   \fi
1785 }
1786 \edef\FN@sfi@gobble@optonly{\noexpand\protect
1787   \expandafter\noexpand\csname FN@sfi@gobble@optonly \endcsname}
1788 \expandafter\def\csname FN@sfi@gobble@optonly \endcsname{%
1789   \@ifnextchar[%]
1790     \FN@sfi@gobble@brace
1791     {}%
1792 }
1793 \def\FN@sfi@gobble@brace[#1]{
1794 \def\@tabular{\if@RTL\global\@RTLtabtrue\fi
1795   \leavevmode \hbox \bgroup
1796   \let\@footnotetext\@bidi@p@ftntext
1797   \let\@LTRfootnotetext\@bidi@p@LTRftntext
1798   \let\@RTLfootnotetext\@bidi@p@RTLftntext
1799   \let\@xfootnotenext\@bidi@p@xftntext
1800   \let\@xfootnote\@bidi@p@xfootnote
1801   \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
1802   \let\@xLTRfootnote\@bidi@p@xLTRfootnote
1803   \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
1804   \let\@xRTLfootnote\@bidi@p@xRTLfootnote
1805   \if@RTLtab\beginR \fi
1806   $\let\@acol\@tabacol
1807   \let\@classz\@tabclassz
1808   \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
1809 \def\endtabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
1810   \egroup $\if@RTLtab\endR\fi\egroup
1811   \ifx\@cuptype\undefined
1812     \global\@bidi@p@ftn\expandafter\expandafter\the\@bidi@p@ftn\fi%
1813     \global\@RTLtabfalse}

```

```

1814 \long\def\bidip@ftntext#1{%
1815   \edef\@tempy{\the\bidip@ftn\noexpand\footnotetext[\the\csname c@\mpfn\endcsname]}}%
1816   \global\bidip@ftn\expandafter{\@tempy{#1}}}%
1817 \long\def\bidip@LTRftntext#1{%
1818   \edef\@tempyi{\the\bidip@ftn\noexpand\LTRfootnotetext[\the\csname c@\mpfn\endcsname]}}%
1819   \global\bidip@ftn\expandafter{\@tempyi{#1}}}%
1820 \long\def\bidip@RTLftntext#1{%
1821   \edef\@tempyii{\the\bidip@ftn\noexpand\RTLfootnotetext[\the\csname c@\mpfn\endcsname]}}%
1822   \global\bidip@ftn\expandafter{\@tempyii{#1}}}%
1823
1824
1825 \long\def\bidip@xftntext[#1]#2{%
1826   \global\bidip@ftn\expandafter{\the\bidip@ftn\footnotetext[#1]{#2}}}
1827
1828 \long\def\bidip@xLTRftntext[#1]#2{%
1829   \global\bidip@ftn\expandafter{\the\bidip@ftn\LTRfootnotetext[#1]{#2}}}
1830
1831 \long\def\bidip@xRTLftntext[#1]#2{%
1832   \global\bidip@ftn\expandafter{\the\bidip@ftn\RTLfootnotetext[#1]{#2}}}
1833
1834
1835 \def\bidip@xfootnote[#1]{%
1836   \begingroup
1837     \csname c@\mpfn\endcsname #1\relax
1838     \unrestored@protected@xdef\@thefnmark{\thempfn}%
1839   \endgroup
1840   \@footnotemark\bidip@xftntext[#1]}
1841
1842
1843 \def\bidip@xLTRfootnote[#1]{%
1844   \begingroup
1845     \csname c@\mpfn\endcsname #1\relax
1846     \unrestored@protected@xdef\@thefnmark{\thempfn}%
1847   \endgroup
1848   \@footnotemark\bidip@xLTRftntext[#1]}
1849
1850
1851 \def\bidip@xRTLfootnote[#1]{%
1852   \begingroup
1853     \csname c@\mpfn\endcsname #1\relax
1854     \unrestored@protected@xdef\@thefnmark{\thempfn}%
1855   \endgroup
1856   \@footnotemark\bidip@xRTLftntext[#1]}
1857
1858 \def\@xfloat #1[#2]{%
1859   \@nodocument
1860   \def \capttype {#1}%
1861   \def \cfps {#2}%
1862   \@onelevel@sanitize \cfps
1863   \def \reserved@b {!}%

```

```

1864 \ifx \reserved@b \@fps
1865 \@fpsadddefault
1866 \else
1867 \ifx \@fps \@empty
1868 \@fpsadddefault
1869 \fi
1870 \fi
1871 \ifhmode
1872 \@bsphack
1873 \@floatpenalty -\@Mii
1874 \else
1875 \@floatpenalty-\@Miii
1876 \fi
1877 \ifinner
1878 \@parmoderr\@floatpenalty\z@
1879 \else
1880 \@next\@currbox\@freelist
1881 {%
1882 \@tempcnta \sixt@@n
1883 \expandafter \@tfor \expandafter \reserved@a
1884 \expandafter :\expandafter =\@fps
1885 \do
1886 {%
1887 \if \reserved@a h%
1888 \ifodd \@tempcnta
1889 \else
1890 \advance \@tempcnta \@ne
1891 \fi
1892 \fi
1893 \if \reserved@a t%
1894 \@setfpsbit \tw@
1895 \fi
1896 \if \reserved@a b%
1897 \@setfpsbit 4%
1898 \fi
1899 \if \reserved@a p%
1900 \@setfpsbit 8%
1901 \fi
1902 \if \reserved@a !%
1903 \ifnum \@tempcnta>15
1904 \advance\@tempcnta -\sixt@@n\relax
1905 \fi
1906 \fi
1907 }%
1908 \@tempcntb \csname ftype@\@capttype \endcsname
1909 \multiply \@tempcntb \@xxxii
1910 \advance \@tempcnta \@tempcntb
1911 \global \count\@currbox \@tempcnta
1912 }%
1913 \@fltovf

```

```

1914 \fi
1915 \global \setbox\@currbox
1916 \color@vbox
1917 \normalcolor
1918 \vbox \bgroup
1919 \let\@footnotetext\@bidi@p@ftntext
1920 \let\@LTRfootnotetext\@bidi@p@LTRftntext
1921 \let\@RTLfootnotetext\@bidi@p@RTLftntext
1922 \let\@xfootnotenext\@bidi@p@xftntext
1923 \let\@xfootnote\@bidi@p@xfootnote
1924 \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
1925 \let\@xLTRfootnote\@bidi@p@xLTRfootnote
1926 \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
1927 \let\@xRTLfootnote\@bidi@p@xRTLfootnote
1928 \hsize\columnwidth
1929 \@parboxrestore
1930 \@floatboxreset
1931 }
1932 \def \@endfloatbox{%
1933 \par\vskip\z@skip %% \par\vskip\z@ added 15 Dec 87
1934 \@minipagefalse
1935 \outer@nobreak
1936 \egroup %% end of vbox
1937 \global\@bidi@p@ftn\expandafter{\expandafter}\the\@bidi@p@ftn
1938 \color@endbox
1939 }

```

7.17 bidi-longtable.sty

```

1940 \ProvidesPackage{bidi-longtable}[2012/12/12 v0.1 typesetting bidi longtables in XeTeX engine (ex
1941 \def\longtable{\if@RTL\@RTLtabtrue\fi%
1942 \par
1943 \ifx\multicols\@undefined
1944 \else
1945 \ifnum\col@number>\@one
1946 \@twocolumntrue
1947 \fi
1948 \fi
1949 \if@twocolumn
1950 \LT@err{longtable not in 1-column mode}\@ehc
1951 \fi
1952 \begingroup
1953 \@ifnextchar[\LT@array{\LT@array[x]}%
1954 \def\endlongtable{%
1955 \crr
1956 \noalign{%
1957 \let\LT@entry\LT@entry@chop
1958 \xdef\LT@save@row{\LT@save@row}}%
1959 \LT@echunk
1960 \LT@start

```

```

1961 \unvbox\z@
1962 \LT@get@widths
1963 \if@filesw
1964   {\let\LT@entry\LT@entry@write\immediate\write\@auxout{%
1965     \gdef\expandafter\noexpand
1966       \csname LT@\romannumeral\c@LT@tables\endcsname
1967       {\LT@save@row}}}%
1968 \fi
1969 \ifx\LT@save@row\LT@@save@row
1970 \else
1971   \LT@warn{Column \@width s have changed\MessageBreak
1972     in table \thetable}%
1973   \LT@final@warn
1974 \fi
1975 \endgraf\penalty -\LT@end@pen
1976 \endgroup
1977 \global\@mparbottom\z@
1978 \pagegoal\vsizel
1979 \endgraf\penalty\z@\addvspace\LTpost
1980 \ifvoid\footins\else\insert\footins{}\fi\@RTLtabfalse}
1981 \def\LT@output{%
1982   \ifnum\outputpenalty <-\@Mi
1983     \ifnum\outputpenalty > -\LT@end@pen
1984       \LT@err{floats and marginpars not allowed in a longtable}\@ehc
1985     \else
1986       \setbox\z@\vbox{\unvbox\@cclv}%
1987       \ifdim \ht\LT@lastfoot>\ht\LT@foot
1988         \dimen@ \pagegoal
1989         \advance\dimen@-\ht\LT@lastfoot
1990         \ifdim\dimen@<\ht\z@
1991           \setbox\@cclv\vbox{\unvbox\z@\copy\LT@foot\vss}%
1992           \@makecol
1993           \@outputpage
1994           \setbox\z@\vbox{\box\LT@head}%
1995         \fi
1996       \fi
1997       \global\@colroom\@colht
1998       \global\vsizel\@colht
1999       \vbox
2000       {\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\z@\box\ifvoid\LT@lastfoot\LT@foot\else\LT@lastf
2001       \fi
2002     \else
2003       \setbox\@cclv\vbox{\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\@cclv\copy\LT@foot\vss}\if@RTLta
2004       \@makecol
2005       \@outputpage
2006       \global\vsizel\@colroom
2007       \copy\LT@head\nobreak
2008     \fi}

```

7.18 bidimoderncv.cls

```
2009 \NeedsTeXFormat{LaTeX2e}
2010 \ProvidesClass{bidimoderncv}
2011 \newif\if@DEBUG\@DEBUGfalse
2012 \DeclareOption{a4paper}{
2013   \setlength\paperheight{297mm}
2014   \setlength\paperwidth{210mm}}
2015 \DeclareOption{a5paper}{
2016   \setlength\paperheight{210mm}
2017   \setlength\paperwidth{148mm}}
2018 \DeclareOption{b5paper}{
2019   \setlength\paperheight{250mm}
2020   \setlength\paperwidth{176mm}}
2021 \DeclareOption{letterpaper}{
2022   \setlength\paperheight{11in}
2023   \setlength\paperwidth{8.5in}}
2024 \DeclareOption{legalpaper}{
2025   \setlength\paperheight{14in}
2026   \setlength\paperwidth{8.5in}}
2027 \DeclareOption{executivepaper}{
2028   \setlength\paperheight{10.5in}
2029   \setlength\paperwidth{7.25in}}
2030 \DeclareOption{landscape}{
2031   \setlength\@tempdima{\paperheight}
2032   \setlength\paperheight{\paperwidth}
2033   \setlength\paperwidth{\@tempdima}}
2034 \newcommand\@ptsize{}
2035 \DeclareOption{10pt}{\renewcommand\@ptsize{0}}
2036 \DeclareOption{11pt}{\renewcommand\@ptsize{1}}
2037 \DeclareOption{12pt}{\renewcommand\@ptsize{2}}
2038 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
2039 \DeclareOption{final}{\setlength\overfullrule{0pt}}
2040 \newif\if@colour\@colourtrue
2041 \DeclareOption{nocolour}{\@colourfalse}
2042 \ExecuteOptions{a4paper,11pt,colour,final}
2043 \ProcessOptions\relax
2044 \input{size1\@ptsize.clo}
2045 \RequirePackage{color}
2046 \RequirePackage{graphicx}
2047 \RequirePackage{ifthen}
2048 \RequirePackage{marvosym}
2049 \addtolength{\oddsidemargin}{-54pt}
2050 \addtolength{\textwidth}{109pt}
2051 \addtolength{\topmargin}{-70pt}
2052 \addtolength{\textheight}{122pt}
2053 \addtolength{\marginparsep}{-5pt}
2054 \addtolength{\marginparwidth}{-10pt}
2055 \RequirePackage{url}
2056 \RequirePackage{hyperref}
```

```

2057 \hypersetup{%
2058   breaklinks,
2059   baseurl      = http://,%
2060   pdfborder    = 0 0 0,%
2061   pdfpagemode  = UseNone,%
2062   pdfstartpage = 1}
2063 \AtEndOfClass{%
2064   \AtBeginDocument{%
2065     \hypersetup{%
2066       pdfauthor      = \@firstname~\@familyname,%
2067       pdftitle       = \@title,%
2068       pdfsubject     = \@firstname~\@familyname,%
2069       pdfkeywords    = \@resumename~\@firstname~\@familyname}}}
2070 \urlstyle{tt}
2071 \RequirePackage{fancyhdr}
2072 \fancypagestyle{plain}{%
2073   \renewcommand{\headrulewidth}{0pt}
2074   \renewcommand{\footrulewidth}{0pt}
2075   \fancyhf{}}
2076 \pagestyle{plain}
2077 \setlength\lineskip{1\p@}
2078 \setlength\normallineskip{1\p@}
2079 \renewcommand\baselinestretch{}
2080 \setlength{\parindent}{0pt}
2081 \setlength{\parskip}{0pt}
2082 \setlength\columnsep{10\p@}
2083 \setlength\columnseprule{0\p@}
2084 \pagestyle{empty}
2085 \pagenumbering{arabic}
2086 \raggedbottom
2087 \onecolumn
2088 \providecommand*\listitemsymbol{\textbullet}
2089 \providecommand*\addresssymbol{}
2090 \providecommand*\mobilesymbol{\Mobilefone}
2091 \providecommand*\phonesymbol{\Telefon}
2092 \providecommand*\faxsymbol{\FAX}
2093 \providecommand*\emailsymbol{\Letter}
2094 \definecolor{firstnamedcolor}{rgb}{0,0,0}
2095 \def\firstnamedcolor#1{\gdef\@firstnamedcolor{\addfontfeature{Color=#1}}}
2096 \def\familynamedcolor#1{\gdef\@familynamedcolor{\addfontfeature{Color=#1}}}
2097 \def\titlecolor#1{\gdef\@titlecolor{\addfontfeature{Color=#1}}}
2098 \def\addresscolor#1{\gdef\@addresscolor{\addfontfeature{Color=#1}}}
2099 \def\quoteccolor#1{\gdef\@quoteccolor{\addfontfeature{Color=#1}}}
2100 \def\sectiontitlecolor#1{\gdef\@sectiontitlecolor{\addfontfeature{Color=#1}}}
2101 \definecolor{sectionrectanglecolor}{rgb}{0,0,0}
2102 \def\subsectioncolor#1{\gdef\@subsectioncolor{\addfontfeature{Color=#1}}}
2103 \def\hintcolor#1{\gdef\@hintcolor{\addfontfeature{Color=#1}}}
2104 \providecommand*\firstnamedfont{}
2105 \providecommand*\familynamedfont{}
2106 \providecommand*\titlefont{}

```

```

2107 \providecommand*\addressfont{}\{}
2108 \providecommand*\quote font{}\{}
2109 \providecommand*\sectionfont{}\{}
2110 \providecommand*\subsectionfont{}\{}
2111 \providecommand*\hintfont{}\small\{}
2112 \providecommand*\firstnamestyle}[1]{\{\firstnamefont\@firstnamecolour#1\}}
2113 \providecommand*\familynamestyle}[1]{\{\familynamefont\@familynamecolour#1\}}
2114 \providecommand*\titlestyle}[1]{\{\titlefont\@titlecolour#1\}}
2115 \providecommand*\addressstyle}[1]{\{\addressfont\@addresscolour#1\}}
2116 \providecommand*\quotestyle}[1]{\{\quote font\@quote colour#1\}}
2117 \providecommand*\sectionstyle}[1]{\{\sectionfont\@sectiontitlecolour#1\}}
2118 \providecommand*\subsectionstyle}[1]{\{\subsectionfont\@subsectioncolour#1\}}
2119 \providecommand*\hintstyle}[1]{\{\hintfont\@hintcolour#1\}}
2120 \newcommand*\{cvtheme}[2][\{}
2121   \def\@cvtheme{#2}
2122   \def\@cvthemeoptions{#1}\}
2123 \cvtheme{bidi-casual}
2124 \AtBeginDocument{\RequirePackage[\@cvthemeoptions]{cvtheme\@cvtheme}}
2125 \newcommand*\{resumename}[1]{\def\@resumename{#1}\}
2126 \newcommand*\{firstname}[1]{\def\@firstname{#1}\}
2127 \newcommand*\{familyname}[1]{\def\@familyname{#1}\}
2128 \renewcommand*\{title}[1]{\def\@title{#1}\}
2129 \newcommand*\{address}[1]{\def\@address{#1}\}
2130 \newcommand*\{mobile}[1]{\def\@mobile{#1}\}
2131 \newcommand*\{phone}[1]{\def\@phone{#1}\}
2132 \renewcommand*\{fax}[1]{\def\@fax{#1}\}
2133 \newcommand*\{email}[1]{\def\@email{#1}\}
2134 \newcommand*\{extrainfo}[1]{\def\@extrainfo{#1}\}
2135 \def\@photowidth{0pt}
2136 \newcommand*\{photo}[2][64pt]{\def\@photowidth{#1}\def\@photo{#2}\}
2137 \newcommand*\{quote}[1]{\def\@quote{#1}\}
2138 \newlength\quotewidth
2139 \newlength\hintscolumnwidth
2140 \newlength\separatorcolumnwidth
2141 \setlength\separatorcolumnwidth{0.025\textwidth}
2142 \newlength\maincolumnwidth
2143 \newlength\doubleitemmaincolumnwidth
2144 \newlength\listitemsymbolwidth
2145 \settowidth\listitemsymbolwidth{\listitemsymbol{~}}
2146 \newlength\listitemmaincolumnwidth
2147 \newlength\listdoubleitemmaincolumnwidth
2148 \newcommand*\{recomputethemelengths}\{}
2149 \newcommand*\{recomputelengths}\{%
2150 \setlength\quotewidth{0.65\textwidth}%
2151 \setlength\maincolumnwidth{\textwidth}%
2152 \addtolength\maincolumnwidth{-\separatorcolumnwidth}%
2153 \addtolength\maincolumnwidth{-\hintscolumnwidth}%
2154 \setlength\listitemmaincolumnwidth{\maincolumnwidth}%
2155 \addtolength\listitemmaincolumnwidth{-\listitemsymbolwidth}%
2156 \setlength\doubleitemmaincolumnwidth{\maincolumnwidth}%

```

```

2157 \addtolength{\doubleitemmaincolumnwidth}{-\hintscolumnwidth}%
2158 \addtolength{\doubleitemmaincolumnwidth}{-\separatorcolumnwidth}%
2159 \setlength{\doubleitemmaincolumnwidth}{0.5\doubleitemmaincolumnwidth}%
2160 \setlength{\listdoubleitemmaincolumnwidth}{\maincolumnwidth}%
2161 \addtolength{\listdoubleitemmaincolumnwidth}{-\listitemsymbolwidth}%
2162 \setlength{\listdoubleitemmaincolumnwidth}{0.475\listdoubleitemmaincolumnwidth}%
2163 \renewcommand{\headwidth}{\textwidth}%
2164 \recomputethemelengths
2165 \setlength{\hintscolumnwidth}{0.15\textwidth}
2166 \recomputelengths
2167 \title{}
2168 \renewcommand*{\maketitle}{}
2169 \newcommand*{\section}[1]{%
2170 \vspace*{2.5ex \@plus 1ex \@minus .2ex}%
2171 \phantomsection}%
2172 \addcontentsline{toc}{part}{#1}%
2173 \parbox[m]{\hintscolumnwidth}{\bidi@raggedleft\hintfont{\leavevmode\color{sectionrectanglecolor}\hskip\separatorcolumnwidth}%
2174 \hspace{\separatorcolumnwidth}%
2175 \parbox[m]{\maincolumnwidth}{\sectionstyle{#1}}\ll[1ex]}
2176 \newcommand*{\subsection}[1]{%
2177 \cvline[0.45em]{\subsectionstyle{#1}}}
2178 \newcommand*{\cvline}[3][.25em]{%
2179 \begin{tabular}{@{}p{\hintscolumnwidth}@{\hspace{\separatorcolumnwidth}}p{\maincolumnwidth}@{\hspace{\separatorcolumnwidth}}%
2180 \bidi@raggedleft\hintfont{#2} \&{#3}%
2181 \end{tabular}}\ll[1]}
2182 \newcommand*{\cvdoubleitem}[4]{%
2183 \cvline{#1}{\begin{minipage}[t]{\doubleitemmaincolumnwidth}#2\end{minipage}}%
2184 \hfill%
2185 \begin{minipage}[t]{\hintscolumnwidth}\bidi@raggedleft\hintfont{#3}\end{minipage}\hspace*{\separatorcolumnwidth}%
2186 \newcommand*{\cvlistitem}[2][\listitemsymbol]{%
2187 \cvline[0pt]{#1~\begin{minipage}[t]{\listitemmaincolumnwidth}#2\end{minipage}}%
2188 \newcommand*{\cvlistdoubleitem}[3][\listitemsymbol]{%
2189 \cvline[0pt]{#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#2\end{minipage}}%
2190 \hfill%
2191 \ifthenelse{equal{#3}}{%
2192 {}%
2193 {#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#3\end{minipage}}}%
2194 \newcommand*{\cventry}[6]{%
2195 \cvline{#1}{%
2196 {\bfseries#2}%
2197 \ifx#3\else{, {\slshape#3}}\fi%
2198 \ifx#4\else{, #4}\fi%
2199 \ifx#5\else{, #5}\fi%
2200 .}%
2201 \ifx#6\else{\newline}\begin{minipage}[t]{\linewidth}\small#6\end{minipage}}\fi
2202 }%
2203 \newcommand*{\cvlanguage}[3]{%
2204 \cvline{#1}{\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#2}\end{minipage}\hfill\begin{minipage}[t]{.775\maincolumnwidth}%
2205 \newcommand*{\cvcomputer}[4]{%
2206 \cvdoubleitem{#1}{\small#2}{#3}{\small#4}}

```

```

2207 \newcommand*{\link}[2][]{%
2208   \ifthenelse{\equal{#1}{}}{%
2209     {\href{#2}{#2}}%
2210     {\href{#2}{#1}}}
2211 \newcommand*{\httplink}[2][]{%
2212   \ifthenelse{\equal{#1}{}}{%
2213     {\href{http://#2}{#2}}%
2214     {\href{http://#2}{#1}}}
2215 \newcommand*{\emallink}[2][]{%
2216   \ifthenelse{\equal{#1}{}}{%
2217     {\href{mailto:#2}{#2}}%
2218     {\href{mailto:#2}{#1}}}
2219 \newif\if@displaypagenumbers\@displaypagenumberstrue
2220 \newcommand*{\nopagenumbers}{\@displaypagenumbersfalse}
2221 \AtBeginDocument{%
2222   \if@displaypagenumbers%
2223     \ifundefined{r@lastpage}{\fi%
2224       \ifthenelse{\pageref{lastpage} > 1}{%
2225         \fancypagestyle{plain}{%
2226           \fancyfoot[r]{\beginL\addressfont\@quotecolour\footnotesize\thepage\beginL/\endL\pageref{lastpage}}%
2227         \pagestyle{plain}}}%
2228     \AtEndDocument{\label{lastpage}}%
2229   \fi}
2230 \newlength{\bibindent}
2231 \setlength{\bibindent}{1.5em}
2232 \newcommand*{\bibliographyitemlabel}{\includegraphics{bibitem.pdf}}
2233 \newenvironment{thebibliography}[1]{%
2234   {%
2235     \section{\refname}%
2236     \small%
2237     \ifRTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
2238     \begin{list}{\bibliographyitemlabel}%
2239       {%
2240         \setlength{\topsep}{0pt}%
2241         \setlength{\labelwidth}{\hintscolumnwidth}%
2242         \setlength{\labelsep}{\separatorcolumnwidth}%
2243         \leftmargin\labelwidth%
2244         \advance\leftmargin\labelsep%
2245         \@openbib@code%
2246         \usecounter{enumiv}%
2247         \let\p@enumiv\@empty%
2248         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
2249       \sloppy\clubpenalty4000\widowpenalty4000%
2250     }%
2251   {%
2252     \def\@noitemerr{\@latex@warning{Empty `thebibliography' environment}}%
2253     \end{list}%
2254   }
2255 \newcommand\newblock{\hskip .11em\@plus.33em\@minus.07em}
2256 \let\@openbib@code\@empty

```

7.19 biditools.sty

```
2257 \NeedsTeXFormat{LaTeX2e}
2258 \ProvidesPackage{biditools}[2013/04/10 v0.2 Programming tools for bidi package]
2259 \providecommand{\@bidi@saveprimitive}[2]{\begingroup\escapechar`\relax
2260   \edef\@tempa{\string#1}\edef\@tempb{\meaning#1}%
2261   \ifx\@tempa\@tempb \global\let#2#1%
2262   \else
2263     \edef\@tempb{\meaning#2}%
2264     \ifx\@tempa\@tempb
2265       \else
2266         \@latex@error{Unable to properly define \string#2; primitive
2267           \noexpand#1no longer primitive}\@eha
2268       \fi
2269     \fi
2270   \endgroup}
2271 \def\@tagsextension{clo}
2272 \def\@definitionfileextension{def}
2273 \def\@iftagsloaded{\@ifl@aded\@tagsextension}
2274 \def\@ifdefinitionfileloaded{\@ifl@aded\@definitionfileextension}
2275 \def\eqnewif#1#2{%
2276   \count@\escapechar \escapechar\m@ne
2277   \let#1\iffalse
2278   \let#2\iffalse
2279   \eq@if#1#2\iftrue
2280   \eq@if#1#2\iffalse
2281   \escapechar\count@}
2282 \def\eq@if#1#2#3{%
2283   \expandafter\def\csname\expandafter\@gobbletwo\string#1%
2284     \expandafter\@gobbletwo\string#3\endcsname
2285     {\let#1#3%
2286     \let#2#3}%
2287   \expandafter\def\csname\expandafter\@gobbletwo\string#2%
2288     \expandafter\@gobbletwo\string#3\endcsname
2289     {\let#2#3%
2290     \let#1#3}}
2291 \newcommand*{\if@bidi@csdef}[1]{%
2292   \ifcsname#1\endcsname
2293     \expandafter\@firstoftwo
2294   \else
2295     \expandafter\@secondoftwo
2296   \fi}
2297 \newcommand*{\if@bidi@csundef}[1]{%
2298   \ifcsname#1\endcsname
2299     \expandafter\ifx\csname#1\endcsname\relax
2300     \expandafter\expandafter
2301     \expandafter\@firstoftwo
2302   \else
2303     \expandafter\expandafter
2304     \expandafter\@secondoftwo
```

```

2305 \fi
2306 \else
2307 \expandafter\@firstoftwo
2308 \fi}
2309 \newcommand{\if@bidi@def}[1]{%
2310 \ifdefined#1%
2311 \expandafter\@firstoftwo
2312 \else
2313 \expandafter\@secondoftwo
2314 \fi}
2315 \newcommand{\if@bidi@undef}[1]{%
2316 \ifdefined#1%
2317 \ifx#1\relax
2318 \expandafter\expandafter
2319 \expandafter\@firstoftwo
2320 \else
2321 \expandafter\expandafter
2322 \expandafter\@secondoftwo
2323 \fi
2324 \else
2325 \expandafter\@firstoftwo
2326 \fi}
2327 \newcommand{\if@bidi@blank}[1]{% from url.sty
2328 \bidi@ifblank@i#1&&\@secondoftwo\@firstoftwo:}
2329 \long\def\bidi@ifblank@i#1#2&#3#4#5:#{#4}
2330 \newcommand{\bidi@notblank}[1]{%
2331 \bidi@ifblank@i#1&&\@firstoftwo\@secondoftwo:}
2332 \newcommand{\if@bidi@defmacro}{%
2333 \long\edef\if@bidi@defmacro#1{%
2334 \noexpand\expandafter\noexpand\bidi@ifdefmacro
2335 \noexpand\meaning#1\detokenize{macro}:&}
2336 \edef\bidi@ifdefmacro{%
2337 \def\noexpand\bidi@ifdefmacro##1\detokenize{macro}:##2&
2338 \bidi@ifdefmacro{\bidi@notblank{#2}}
2339 \newcommand*\if@bidi@csmacro}[1]{%
2340 \if@bidi@cundef{#1}
2341 {\expandafter\if@bidi@defmacro\csname#1\endcsname}
2342 {\@secondoftwo}}
2343 \newcommand{\if@bidi@defprimitive}[1]{%
2344 \ifprimitive#1%
2345 \expandafter\@firstoftwo
2346 \else
2347 \expandafter\@secondoftwo
2348 \fi}
2349 \newcommand{\if@bidi@cspprimitive}[1]{%
2350 \begingroup\expandafter\expandafter\expandafter\endgroup%
2351 \expandafter\ifprimitive\csname#1\endcsname%
2352 \expandafter\@firstoftwo
2353 \else
2354 \expandafter\@secondoftwo

```

```

2355 \fi}
2356 \newcommand*{\bidi@csdefcs}[2]{%
2357 \expandafter\@ifdefinable \csname#1\endcsname{%
2358 \expandafter\def\csname#1\expandafter\endcsname{\csname#2\endcsname}}
2359 \newcommand*{\bidi@csletcs}[2]{%
2360 \expandafter\@ifdefinable \csname#1\endcsname{%
2361 \expandafter\let\csname#1\expandafter\endcsname\csname#2\endcsname}}
2362 \newcommand*{\bidi@cslet}[2]{%
2363 \expandafter\@ifdefinable \csname#1\endcsname{%
2364 \expandafter\let\csname#1\endcsname#2}}
2365 \newcommand{\bidi@namelongdef}[1]{%
2366 \long\expandafter\def\csname #1\endcsname{
2367 \def\bidi@ensure@newcommand{\@star@or@long\bidi@ensure@new@command}
2368 \def\bidi@ensure@new@command#1{%
2369 \begingroup \escapechar\m@ne\xdef\@gtempa{\string#1}}\endgroup
2370 \expandafter\if@bidi@csundef\@gtempa
2371 {\new@command#1}{\relax%
2372 \let\@ifdefinable\@rc@ifdefinable%
2373 \new@command#1}}
2374 \def\bidi@ensure@newlength#1{\if@bidi@undef#1{\newskip#1}{}}
2375
2376 \protected\def\bidi@error{\PackageError{bidi}}
2377 \protected\def\bidi@warning{\PackageWarning{bidi}}
2378 \protected\def\bidi@info{\PackageInfo{bidi}}
2379
2380 \newcommand*{\bidi@newrobustcmd}{%
2381 \protected\def\bidi@newrobustcmd{\@star@or@long\bidi@new@command}
2382
2383 \def\bidi@new@command#1{\@testopt{\bidi@newcommand#1}0}
2384
2385 \def\bidi@newcommand#1[#2]{%
2386 \@ifnextchar[%]
2387 {\bidi@xargdef#1[#2]}
2388 {\ifx\l@ngrel@x\relax
2389 \let\l@ngrel@x\protected
2390 \else
2391 \protected\def\l@ngrel@x{\protected\long}%
2392 \fi
2393 \@argdef#1[#2]}}
2394
2395 \long\def\bidi@xargdef#1[#2][#3]#4{%
2396 \@ifdefinable#1{%
2397 \expandafter\protected
2398 \expandafter\def
2399 \expandafter#1%
2400 \expandafter{%
2401 \expandafter\@testopt
2402 \csname\string#1\endcsname{#3}}}%
2403 \expandafter\@yargdef\csname\string#1\endcsname\tw@{#2}{#4}}
2404

```

```

2405 \bidi@newrobustcmd*{\bidi@renewrobustcmd}{\@star@or@long\bidi@renew@command}
2406
2407 \def\bidi@renew@command#1{%
2408   \if@bidi@undef{#1}
2409     {\bidi@error{\string#1 undefined}\@ehc}
2410     }%
2411   \let\@ifdefinable\@rc@ifdefinable
2412   \bidi@new@command#1}
2413
2414
2415
2416 \bidi@newrobustcmd*{\bidi@providerobustcmd}{\@star@or@long\bidi@provide@command}
2417
2418 \def\bidi@provide@command#1{%
2419   \if@bidi@undef{#1}
2420     {\def\reserved@a{\bidi@new@command#1}}
2421     {\def\reserved@a{\bidi@renew@command\reserved@a}}%
2422   \reserved@a}
2423
2424 \newcommand*{\bidi@csuse}[1]{%
2425   \ifcsname#1\endcsname
2426     \csname#1\expandafter\endcsname
2427   \fi}
2428
2429 \newcommand{\bidi@expandonce}[1]{%
2430   \unexpanded\expandafter{#1}}
2431
2432 \def\bidi@protected{%
2433   \let\@protect\protect
2434   \let\protect\@unexpandable@protect
2435   \afterassignment\restore@protect}
2436
2437 \bidi@newrobustcmd{\bidi@appto}[2]{%
2438   \if@bidi@undef{#1}
2439     {\edef#1{\unexpanded{#2}}}
2440     {\edef#1{\bidi@expandonce#1\unexpanded{#2}}}}
2441 \bidi@newrobustcmd{\bidi@eappto}[2]{%
2442   \if@bidi@undef{#1}
2443     {\edef#1{#2}}
2444     {\edef#1{\bidi@expandonce#1#2}}}}
2445 \bidi@newrobustcmd{\bidi@gappto}[2]{%
2446   \if@bidi@undef{#1}
2447     {\xdef#1{\unexpanded{#2}}}
2448     {\xdef#1{\bidi@expandonce#1\unexpanded{#2}}}}
2449 \bidi@newrobustcmd{\bidi@xappto}[2]{%
2450   \if@bidi@undef{#1}
2451     {\xdef#1{#2}}
2452     {\xdef#1{\bidi@expandonce#1#2}}}}
2453
2454 \bidi@newrobustcmd*{\bidi@protected@eappto}{\bidi@protected\bidi@eappto}

```

```

2455 \bidi@newrobustcmd*{\bidi@protected@xappto}{\bidi@protected\bidi@xappto}
2456
2457
2458
2459 \bidi@newrobustcmd{\bidi@preto}[2]{%
2460   \if@bidi@undef{#1}
2461     {\edef#1{\unexpanded{#2}}}
2462     {\edef#1{\unexpanded{#2}\bidi@expandonce#1}}}
2463 \bidi@newrobustcmd{\bidi@epreto}[2]{%
2464   \if@bidi@undef{#1}
2465     {\edef#1{#2}}
2466     {\edef#1{#2\bidi@expandonce#1}}}
2467 \bidi@newrobustcmd{\bidi@gpreto}[2]{%
2468   \if@bidi@undef{#1}
2469     {\xdef#1{\unexpanded{#2}}}
2470     {\xdef#1{\unexpanded{#2}\bidi@expandonce#1}}}
2471 \bidi@newrobustcmd{\bidi@xpreto}[2]{%
2472   \if@bidi@undef{#1}
2473     {\xdef#1{#2}}
2474     {\xdef#1{#2\bidi@expandonce#1}}}
2475
2476 \bidi@newrobustcmd*{\bidi@protected@epreto}{\bidi@protected\bidi@epreto}
2477 \bidi@newrobustcmd*{\bidi@protected@xpreto}{\bidi@protected\bidi@xpreto}
2478
2479
2480
2481 \bidi@newrobustcmd*{\bidi@csappto}[1]{\expandafter\bidi@appto\csname#1\endcsname}
2482 \bidi@newrobustcmd*{\bidi@cseappto}[1]{\expandafter\bidi@eappto\csname#1\endcsname}
2483 \bidi@newrobustcmd*{\bidi@csgappto}[1]{\expandafter\bidi@gappto\csname#1\endcsname}
2484 \bidi@newrobustcmd*{\bidi@csxappto}[1]{\expandafter\bidi@xappto\csname#1\endcsname}
2485 \bidi@newrobustcmd*{\bidi@protected@cseappto}{\bidi@protected\bidi@cseappto}
2486 \bidi@newrobustcmd*{\bidi@protected@csxappto}{\bidi@protected\bidi@csxappto}
2487
2488
2489
2490 \bidi@newrobustcmd*{\bidi@cspreto}[1]{\expandafter\bidi@preto\csname#1\endcsname}
2491 \bidi@newrobustcmd*{\bidi@csepreto}[1]{\expandafter\bidi@epreto\csname#1\endcsname}
2492 \bidi@newrobustcmd*{\bidi@csgpreto}[1]{\expandafter\bidi@gpreto\csname#1\endcsname}
2493 \bidi@newrobustcmd*{\bidi@csxpreto}[1]{\expandafter\bidi@xpreto\csname#1\endcsname}
2494 \bidi@newrobustcmd*{\bidi@protected@csepreto}{\bidi@protected\bidi@csepreto}
2495 \bidi@newrobustcmd*{\bidi@protected@csxpreto}{\bidi@protected\bidi@csxpreto}
2496
2497
2498
2499 \bidi@newrobustcmd{\if@bidi@patchable}{%
2500   \bidi@dbg@trce\if@bidi@patchable
2501   \begingroup
2502   \@makeother\#%
2503   \@ifstar\bidi@ifpatchable@i\bidi@ifpatchable}
2504

```

```

2505 \long\def\bidid@ifpatchable#1#2{%
2506   \endgroup
2507   \bidid@dbg@init#1%
2508   \if@bidid@undef{#1}
2509     {\bidid@dbg@fail{def}\@secondoftwo}
2510     {\bidid@dbg@info{def}%
2511       \if@bidid@defmacro{#1}
2512         {\bidid@dbg@info{mac}%
2513           \bidid@ifscanable{#1}
2514             {\bidid@ifhashcheck{#2}
2515               {\bidid@dbg@info{tok}%
2516                 \bidid@ifpattern#1{#2}
2517                   {\bidid@dbg@info{pat}%
2518                     \bidid@dbg@info{pos}\@firstoftwo}
2519                     {\bidid@dbg@fail{pat}\@secondoftwo}}
2520                   {\bidid@dbg@fail{hsh}\@secondoftwo}}
2521                   {\bidid@dbg@fail{tok}\@secondoftwo}}
2522                   {\bidid@dbg@fail{mac}\@secondoftwo}}}
2523
2524 \long\def\bidid@ifpatchable@i#1{%
2525   \endgroup
2526   \bidid@dbg@init#1%
2527   \if@bidid@undef{#1}
2528     {\bidid@dbg@fail{def}\@secondoftwo}
2529     {\bidid@dbg@info{def}%
2530       \if@bidid@defmacro{#1}
2531         {\bidid@dbg@info{mac}%
2532           \if@bidid@defparam{#1}
2533             {\bidid@dbg@info{prm}%
2534               \bidid@ifscanable{#1}
2535                 {\bidid@dbg@info{tok}%
2536                   \bidid@dbg@info{pos}\@firstoftwo}
2537                   {\bidid@dbg@fail{tok}\@secondoftwo}}
2538                 {\bidid@dbg@info{prl}%
2539                   \if@bidid@defprotected{#1}
2540                     {\bidid@dbg@info{pro}}
2541                     {}%
2542                     \bidid@dbg@info{pos}\@firstoftwo}}
2543                 {\bidid@dbg@fail{mac}\@secondoftwo}}}
2544
2545 \bidid@newrobustcmd*{\bidid@patchcmd}{%
2546   \bidid@dbg@trce\bidid@patchcmd
2547   \begingroup
2548   \@makeother\#%
2549   \bidid@@patchcmd}
2550
2551 \newcommand{\bidid@@patchcmd}[4][#####1]{%
2552   \bidid@ifpatchable#2{#3}
2553   {\bidid@dbg@succ{ret}%
2554     \begingroup

```

```

2555 \edef\bidiresrvda{%
2556 \def\noexpand\bidiresrvda####1\detokenize{macro:}####2->####3&{%
2557 #1\def\string\bidiresrvda\space####2{\noexpand\bidiresrvdb####3&}}%
2558 \def\noexpand\bidiresrvdb####1\detokenize{#3}####2&{%
2559 ####1\detokenize{#4}####2}%
2560 \edef\noexpand\bidiresrvda{%
2561 \noexpand\bidiresrvda\meaning#2&}}%
2562 \bidiresrvda
2563 \bidipatchcmd@scantoks\bidiresrvda
2564 \let#2\bidiresrvda
2565 \bidiundef\bidiresrvda
2566 \@firstoftwo}
2567 {\@secondoftwo}}
2568
2569 \def\bidipatchcmd@scantoks#1{%
2570 \edef\bidiresrvda{\endgroup
2571 \unexpanded{\makeatletter\scantoks}{#1}%
2572 \catcode\number`\@=\the\catcode`\@ \relax}%
2573 \bidiresrvda}
2574
2575 \newcommand\bidisloaded[2][{}{
2576 \expandafter\ifx\csname if@bidisloaded@endcsname\relax
2577 \expandafter\newif\csname if@bidisloaded@endcsname
2578 \fi
2579 \@ifpackageloaded{#2}
2580 {\csname @bidisloaded@true\endcsname #1}
2581 {\csname @bidisloaded@false\endcsname}}
2582
2583 \protected\def\bidifscanable#1{%
2584 \begingroup
2585 \edef\bidiresrvda{%
2586 \def\noexpand\bidiresrvda####1\detokenize{macro:}####2->####3&{%
2587 ####1\def\string\bidiresrvda####2{####3}}%
2588 \edef\noexpand\bidiresrvda{\noexpand\bidiresrvda\meaning#1&}}%
2589 \bidiresrvda
2590 \makeatletter
2591 \scantoks\expandafter{\bidiresrvda}%
2592 \expandafter\endgroup\ifx#1\bidiresrvda
2593 \expandafter\@firstoftwo
2594 \else
2595 \expandafter\@secondoftwo
2596 \fi}
2597
2598
2599 \protected\long\def\bidifhashcheck#1{%
2600 \begingroup
2601 \edef\bidiresrvda{\detokenize{#1}}%
2602 \expandafter\endgroup
2603 \expandafter\bidifhashcheck@i\meaning\bidiresrvda&}
2604

```

```

2605 \edef\bidi@ifhashcheck@i#1&{%
2606   \noexpand\expandafter
2607   \noexpand\bidi@ifhashcheck@ii
2608   \noexpand\strip@prefix#1\string#\string#&}
2609
2610 \edef\bidi@ifhashcheck@ii{%
2611   \def\noexpand\bidi@ifhashcheck@ii##1\string#\string###2&{%
2612     \bidi@ifhashcheck@ii{\if@bidi@blank{#2}}
2613   }
2614
2615 \protected\long\def\bidi@ifpattern#1#2{%
2616   \begingroup
2617   \edef\bidi@resrvda{%
2618     \def\noexpand\bidi@resrvda####1\detokenize{#2}###2&{%
2619       \endgroup\noexpand\noexpand\noexpand\noexpand\if@bidi@blank{####2}}%
2620     \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda
2621       \expandafter\strip@prefix\meaning#1\detokenize{#2}&}%
2622     \noexpand\bidi@resrvda}
2623     \bidi@resrvda\@secondoftwo\@firstoftwo}
2624
2625
2626 \newcommand{\if@bidi@defparam}{%
2627   \long\edef\if@bidi@defparam#1{%
2628     \noexpand\expandafter\noexpand\bidi@ifdefparam
2629     \noexpand\meaning#1\detokenize{macro}:->&}
2630   \edef\bidi@ifdefparam{%
2631     \def\noexpand\bidi@ifdefparam##1\detokenize{macro}:##2->##3&}
2632   \bidi@ifdefparam{\bidi@notblank{#2}}
2633
2634
2635 \newcommand{\if@bidi@defprotected}{%
2636   \long\edef\if@bidi@defprotected#1{%
2637     \noexpand\expandafter\noexpand\bidi@ifdefprotected
2638     \noexpand\meaning#1\string\protected&}
2639   \edef\bidi@ifdefprotected{%
2640     \def\noexpand\bidi@ifdefprotected##1\string\protected##2&}
2641   \bidi@ifdefprotected{\bidi@notblank{#2}}
2642
2643
2644 \bidi@newrobustcmd{\bidi@undef}[1]{\let#1\bidi@undefined}
2645
2646 \let\bidi@dbg@trce\@gobble
2647 \let\bidi@dbg@init\@gobble
2648 \let\bidi@dbg@info\@gobble
2649 \let\bidi@dbg@succ\@gobble
2650 \let\bidi@dbg@fail\@gobble
2651
2652
2653
2654 \bidi@newrobustcmd*\bidi@apptocmd}{%

```

```

2655 \bidi@dbg@trce\bidi@apptocmd
2656 \begingroup
2657 \@makeother\#%
2658 \bidi@hooktocmd\bidi@append}
2659
2660
2661
2662 \bidi@newrobustcmd*{\bidi@pretocmd}{%
2663 \bidi@dbg@trce\bidi@pretocmd
2664 \begingroup
2665 \@makeother\#%
2666 \bidi@hooktocmd\bidi@prepend}
2667
2668 \long\def\bidi@hooktocmd#1#2#3{%
2669 \endgroup
2670 \bidi@dbg@init#2%
2671 \if\bidi@undef{#2}
2672 {\bidi@dbg@fail{def}\@secondoftwo}
2673 {\bidi@dbg@info{def}%
2674 \if\bidi@defmacro{#2}
2675 {\bidi@dbg@info{mac}%
2676 \if\bidi@defparam{#2}
2677 {\bidi@dbg@info{prm}%
2678 \bidi@ifscanable{#2}
2679 {\bidi@ifhashcheck{#3}
2680 {\bidi@dbg@info{tok}%
2681 \bidi@dbg@succ{ret}%
2682 \bidi@hooktocmd@i#1#2{#3}%
2683 \@firstoftwo}
2684 {\bidi@dbg@fail{hsh}\@secondoftwo}}
2685 {\bidi@dbg@fail{tok}\@secondoftwo}}
2686 {\bidi@dbg@info{prl}%
2687 \if\bidi@defprotected{#2}
2688 {\bidi@dbg@info{pro}%
2689 \bidi@dbg@succ{red}%
2690 \protected}
2691 {\bidi@dbg@succ{red}}}%
2692 \edef#2{#1{\bidi@expandonce#2}{\unexpanded{#3}}}%
2693 \@firstoftwo}}
2694 {\bidi@dbg@fail{mac}\@secondoftwo}}
2695
2696 \long\def\bidi@hooktocmd@i#1#2#3{%
2697 \begingroup
2698 \edef\bidi@resrvda{%
2699 \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3{%
2700 ####1\def\string\bidi@resrvda\space####2{#1{####3}{\detokenize{#3}}}%
2701 \edef\noexpand\bidi@resrvda{%
2702 \noexpand\bidi@resrvda\meaning#2&}}%
2703 \bidi@resrvda
2704 \bidi@patchcmd@scantoks\bidi@resrvda

```

```

2705 \let#2\bidiresrvda
2706 \bidiundef\bidiresrvda}
2707
2708 \long\def\bidiprepend#1#2{#1#2}
2709 \long\def\bidiprepend#1#2{#2#1}
2710
2711 \bidi@newrobustcmd*{\bidi@AtEndPreamble}{\bidi@gappto\bidi@endpreamblehook}
2712 \newcommand*{\bidi@endpreamblehook}{}
2713
2714 \bidi@preto\document{%
2715 \endgroup
2716 \let\bidi@AtEndPreamble\@firstofone
2717 \bidi@endpreamblehook
2718 \protected\def\bidi@AtEndPreamble{\@notprerr\@gobble}%
2719 \bidi@undef\bidi@endpreamblehook
2720 \begingroup}
2721
2722 \bidi@newrobustcmd*{\bidi@AfterPreamble}{\AtBeginDocument}
2723 \bidi@AtEndPreamble{\let\bidi@AfterPreamble\@firstofone}
2724
2725 \bidi@newrobustcmd*{\bidi@AfterEndPreamble}{\bidi@gappto\bidi@afterendpreamblehook}
2726 \newcommand*{\bidi@afterendpreamblehook}{}
2727
2728 \bidi@appto\document{%
2729 \let\bidi@AfterEndPreamble\@firstofone
2730 \bidi@afterendpreamblehook
2731 \protected\def\bidi@AfterEndPreamble{\@notprerr\@gobble}%
2732 \bidi@undef\bidi@afterendpreamblehook
2733 \ignorespaces}
2734
2735 \AtEndDocument{\let\bidi@AfterEndPreamble\@gobble}
2736
2737 \bidi@newrobustcmd*{\bidi@AfterEndDocument}{\bidi@gappto\bidi@afterenddocumenthook}
2738 \newcommand*{\bidi@afterenddocumenthook}{}
2739
2740 \bidi@patchcmd\enddocument
2741 {\deadcycles}
2742 {\let\bidi@AfterEndDocument\@firstofone
2743 \bidi@afterenddocumenthook
2744 \deadcycles}
2745 {}
2746 {\let\bidi@@end@@end
2747 \def@@end{%
2748 \let\bidi@AfterEndDocument\@firstofone
2749 \bidi@afterenddocumenthook
2750 \bidi@@end}}
2751
2752 \bidi@newrobustcmd{\bidi@AtBeginEnvironment}[1]{%
2753 \bidi@csgappto{\@begin@#1hook}}
2754

```

```

2755 \bidi@patchcmd\begin
2756   {\csname #1\endcsname}
2757   {\bidi@csuse{@begin@#1@hook}%
2758    \csname #1\endcsname}
2759   {}
2760   {\bidi@warning{%
2761     Patching '\string\begin' failed!\MessageBreak
2762     '\string\bidi@AtBeginEnvironment' will not work@gobble}}
2763
2764
2765
2766 \bidi@newrobustcmd{\bidi@AtEndEnvironment}[1]{%
2767   \bidi@csgappto{@end@#1@hook}}
2768
2769 \bidi@patchcmd\end
2770   {\csname end#1\endcsname}
2771   {\bidi@csuse{@end@#1@hook}%
2772    \csname end#1\endcsname}
2773   {}
2774   {\bidi@warning{%
2775     Patching '\string\end' failed!\MessageBreak
2776     '\string\bidi@AtEndEnvironment' will not work@gobble}}
2777
2778
2779
2780 \bidi@newrobustcmd{\bidi@BeforeBeginEnvironment}[1]{%
2781   \bidi@csgappto{@beforebegin@#1@hook}}
2782
2783 \bidi@pretocmd\begin
2784   {\bidi@csuse{@beforebegin@#1@hook}}
2785   {}
2786   {\bidi@warning{%
2787     Patching '\string\begin' failed!\MessageBreak
2788     '\string\bidi@BeforeBeginEnvironment' will not work@gobble}}
2789
2790
2791
2792 \bidi@newrobustcmd{\bidi@AfterEndEnvironment}[1]{%
2793   \bidi@csgappto{@afterend@#1@hook}}
2794
2795 \bidi@patchcmd\end
2796   {\if@ignore}
2797   {\bidi@csuse{@afterend@#1@hook}%
2798    \if@ignore}
2799   {}
2800   {\bidi@warning{%
2801     Patching '\string\end' failed!\MessageBreak
2802     '\string\bidi@AfterEndEnvironment' will not work@gobble}}

```

7.20 biduntfloat.sty

```
2803 \NeedsTeXFormat{LaTeX2e}
2804 \ProvidesPackage{biduntfloat}[2011/06/14 v0.1
2805 bidi implementation of tufte float]
2806 \RequirePackage{xifthen}
2807 \newcommand{\@biduntfloat@pkgname}{biduntfloat}
2808 \newcommand{\biduntfloatError}[2]{\PackageError{\@biduntfloat@pkgname}{#1}{#2}}
2809 \newcommand{\biduntfloatDebugInfoNL}[1]{\ifthenelse{\boolean{\@biduntfloat@debug}}{\bidi
2810 \newcommand{\biduntfloatInfoNL}[1]{\PackageInfo{\@biduntfloat@pkgname}{#1\@gobble}}
2811 \newboolean{\@biduntfloat@RTLgeometry}
2812 \setboolean{\@biduntfloat@RTLgeometry}{true}
2813 \DeclareOption{RTLgeometry}{\setboolean{\@biduntfloat@RTLgeometry}{true}}
2814 \DeclareOption{LTRgeometry}{\setboolean{\@biduntfloat@RTLgeometry}{false}}
2815 \newboolean{\@biduntfloat@a4paper}
2816 \DeclareOption{a4paper}{\setboolean{\@biduntfloat@a4paper}{true}}
2817 \newboolean{\@biduntfloat@b5paper}
2818 \DeclareOption{b5paper}{\setboolean{\@biduntfloat@b5paper}{true}}
2819 \newboolean{\@biduntfloat@symmetric}
2820 \newboolean{\@biduntfloat@twoside}
2821 \DeclareOption{twoside}{%
2822 \@twoside true \mparswitch true%
2823 \setboolean{\@biduntfloat@twoside}{true}%
2824 \setboolean{\@biduntfloat@symmetric}{true}%
2825 }
2826 \DeclareOption{oneside}{%
2827 \@twoside false \mparswitch false%
2828 \setboolean{\@biduntfloat@twoside}{false}%
2829 \setboolean{\@biduntfloat@symmetric}{false}%
2830 }
2831 \ifclassloaded{book}{\ExecuteOptions{twoside}}{}
2832 \newboolean{\@biduntfloat@debug}
2833 \newcommand*{\@biduntfloat@caption@justification}{\@biduntfloat@justification@autodetect}
2834 \ProcessOptions
2835 %% Globally sets the length
2836 \newcommand*{\gsetlength}[2]{%
2837 \setlength{#1}{#2}%
2838 \global#1=#1\relax%
2839 }
2840 %% Globally sets a boolean
2841 \newcommand*{\gsetboolean}[2]{% based on code from ifthen pkg
2842 \lowercase{\def\@tempa{#2}}%
2843 \@ifundefined{\@tempswa\@tempa}%
2844 {\PackageError{ifthen}{You can only set a boolean to `true' or `false'}\@ehc}%
2845 {\@ifundefined{#1\@tempa}%
2846 {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
2847 {\global\csname#1\@tempa\endcsname}%
2848 }%
2849 }
2850 %% Set the font sizes and baselines to match biduntfloat's books
```

```

2851 \renewcommand\normalsize{%
2852   \@setfontsize\normalsize\@xpt{14}%
2853   \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
2854   \abovedisplayshortskip \z@ \@plus3\p@
2855   \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
2856   \belowdisplayskip \abovedisplayskip
2857   \let\@listi\@listI}
2858 \normalbaselineskip=14pt
2859 \normalsize
2860 \renewcommand\footnotesize{%
2861   \@setfontsize\footnotesize\@viipt{10}%
2862   \abovedisplayskip 6\p@ \@plus2\p@ \@minus4\p@
2863   \abovedisplayshortskip \z@ \@plus\p@
2864   \belowdisplayshortskip 3\p@ \@plus\p@ \@minus2\p@
2865   \def\@listi{\leftmargin\leftmarginI
2866             \topsep 3\p@ \@plus\p@ \@minus\p@
2867             \parsep 2\p@ \@plus\p@ \@minus\p@
2868             \itemsep \parsep}%
2869   \belowdisplayskip \abovedisplayskip
2870 }
2871 %% Paragraph indentation and separation for marginal text
2872 \newcommand{\@biditytfloat@margin@par}{%
2873   \setlength{\RaggedRightParindent}{0.5pc}%
2874   \setlength{\JustifyingParindent}{0.5pc}%
2875   \setlength{\parindent}{0.5pc}%
2876   \setlength{\parskip}{0pt}%
2877 }
2878 \RequirePackage{ragged2e}
2879 \ifthenelse{\boolean{@biditytfloat@RTLgeometry}}{%
2880 \RequirePackage[letterpaper,right=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar=
2881 \ifthenelse{\boolean{@biditytfloat@a4paper}}
2882 {\geometry{a4paper,right=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar=
2883 {}
2884 \ifthenelse{\boolean{@biditytfloat@b5paper}}
2885 {\geometry{paperwidth=176mm,paperheight=250mm,right=14.66mm,top=13.88mm,textwidth=102.66mm,m
2886 {}}%
2887 \RequirePackage[letterpaper,left=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar=
2888 \ifthenelse{\boolean{@biditytfloat@a4paper}}
2889 {\geometry{a4paper,left=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar=
2890 {}
2891 \ifthenelse{\boolean{@biditytfloat@b5paper}}
2892 {\geometry{paperwidth=176mm,paperheight=250mm,left=14.66mm,top=13.88mm,textwidth=102.66mm,ma
2893 {}
2894 \ifthenelse{\boolean{@biditytfloat@symmetric}}
2895 {}
2896 {\geometry{asymmetric}}% forces internal LaTeX `twoside'
2897 \setlength\marginparpush{10pt}
2898 %% Font for margin items
2899 \newcommand{\@biditytfloat@marginfont}{\normalfont\footnotesize}
2900 \newcommand*{\@biditytfloat@caption@font}{\@biditytfloat@marginfont}

```

```

2901 \newcommand*{\setcaptionfont}[1]{\renewcommand*{\@biditytfloat@caption@font}{#1}}
2902 \newcommand{\@biditytfloat@justification}{\justifying}%
2903 \setlength\abovedisplayskip{6pt plus 2pt minus 4pt}
2904 \setlength\belowdisplayskip{6pt plus 2pt minus 4pt}
2905 \newboolean{\@biditytfloat@changepage}
2906 \IfFileExists{changepage.sty}{%
2907   \biditytfloatDebugInfoNL{Found changepage.sty}
2908   \RequirePackage[strict]{changepage}
2909   \setboolean{\@biditytfloat@changepage}{true}
2910 }{%
2911   \biditytfloatDebugInfoNL{Found chngpage.sty}
2912   \RequirePackage[strict]{chngpage}
2913   \setboolean{\@biditytfloat@changepage}{false}
2914 }
2915 \newboolean{\@biditytfloat@odd@page}
2916 \setboolean{\@biditytfloat@odd@page}{true}
2917 \newcommand*{\@biditytfloat@checkoddpag}{%
2918   \checkoddpag%
2919   \ifthenelse{\boolean{\@biditytfloat@changepage}}{%
2920     \ifoddpag%
2921       \setboolean{\@biditytfloat@odd@page}{true}%
2922     \else%
2923       \setboolean{\@biditytfloat@odd@page}{false}%
2924     \fi%
2925   }{%
2926     \ifcpoddpag%
2927       \setboolean{\@biditytfloat@odd@page}{true}%
2928     \else%
2929       \setboolean{\@biditytfloat@odd@page}{false}%
2930     \fi%
2931   }%
2932 }
2933 \newlength{\@biditytfloat@overhang}% used by the fullwidth environment and the running heads
2934 \newlength{\@biditytfloat@fullwidth}
2935 \newlength{\@biditytfloat@caption@fill}
2936 \newcommand{\biditytfloatRecalculate}{%
2937   \setlength{\@biditytfloat@overhang}{\marginparwidth}
2938   \addtolength{\@biditytfloat@overhang}{\marginparsep}
2939
2940   \setlength{\@biditytfloat@fullwidth}{\textwidth}
2941   \addtolength{\@biditytfloat@fullwidth}{\marginparsep}
2942   \addtolength{\@biditytfloat@fullwidth}{\marginparwidth}
2943
2944   \setlength{\@biditytfloat@caption@fill}{\textwidth}
2945   \addtolength{\@biditytfloat@caption@fill}{\marginparsep}
2946 }
2947 \AtBeginDocument{\biditytfloatRecalculate}
2948 \RequirePackage{optparams}% provides multiple optional arguments for commands
2949 \RequirePackage{placeins}
2950 \newsavebox{\@biditytfloat@margin@floatbox}

```

```

2951 \newenvironment{@biditytfloat@margin@float}[2][{-1.2ex}%
2952 {\FloatBarrier% process all floats before this point so the figure/table numbers stay in order.
2953 \begin{lrbox}{\@biditytfloat@margin@floatbox}%
2954 \begin{minipage}{\marginparwidth}%
2955 \@biditytfloat@caption@font%
2956 \def\@captype{#2}%
2957 \hbox{\vspace*{#1}%
2958 \@biditytfloat@caption@justification%
2959 \@biditytfloat@margin@par%
2960 \noindent%
2961 }
2962 {\end{minipage}%
2963 \end{lrbox}%
2964 \marginpar{\usebox{\@biditytfloat@margin@floatbox}}%
2965 }
2966 \newenvironment{marginfigure}[1][{-1.2ex}%
2967 {\begin{@biditytfloat@margin@float}[#1]{figure}}
2968 {\end{@biditytfloat@margin@float}}
2969 \newenvironment{margintable}[1][{-1.2ex}%
2970 {\begin{@biditytfloat@margin@float}[#1]{table}}
2971 {\end{@biditytfloat@margin@float}}
2972 \newcommand*{\@biditytfloat@justification@autodetect}{\justifying}%
2973
2974 \newcommand{\@biditytfloat@float@debug@info}{}% contains debug info generated as the float is p
2975 \newcommand{\@biditytfloat@float@debug}[1]{% adds debug info to the queue for output
2976 \ifthenelse{equal{\@biditytfloat@float@debug@info}{}}%
2977 {\def\@biditytfloat@float@debug@info{#1}}%
2978 {\g@addto@macro\@biditytfloat@float@debug@info{\MessageBreak#1}}%
2979 }
2980 \newcommand{\floatalignment}{x}% holds the current float alignment (t, b, h, p)
2981 \newcommand{\setfloatalignment}[1]{\global\def\floatalignment{#1}\@biditytfloat@float@debug
2982 \newboolean{@biditytfloat@float@recto}
2983 \newcommand{\forcerectofloat}{\gsetboolean{@biditytfloat@float@recto}{true}\@biditytfloat
2984 \newcommand{\forceversofloat}{\gsetboolean{@biditytfloat@float@recto}{false}\@biditytfloat
2985 \newsavebox{\@biditytfloat@figure@box}
2986 \newsavebox{\@biditytfloat@caption@box}
2987 \let\@biditytfloat@orig@float\@float
2988 \let\@biditytfloat@orig@endfloat\endfloat
2989 \newlength{\@biditytfloat@caption@vertical@offset}
2990 \setlength{\@biditytfloat@caption@vertical@offset}{0pt}
2991 \newcommand{\@biditytfloat@stored@shortcaption}{}
2992 \newcommand{\@biditytfloat@stored@caption}{}
2993 \newcommand{\@biditytfloat@stored@label}{}
2994 \long\def\@biditytfloat@caption[#1][#2]#3{%
2995 \ifthenelse{isempty{#1}}%
2996 {\gdef\@biditytfloat@stored@shortcaption{#3}}%
2997 {\gdef\@biditytfloat@stored@shortcaption{#1}}%
2998 \gsetlength{\@biditytfloat@caption@vertical@offset}{-#2}% we want a positive offset to lower
2999 \gdef\@biditytfloat@stored@caption{#3}%
3000 }

```

```

3001 \newcommand{\@biditytfloat@label}[1]{%
3002   \gdef\@biditytfloat@stored@label{#1}%
3003 }
3004 \newcommand{\@biditytfloat@fps}{%
3005   \newboolean{\@biditytfloat@float@star}
3006   \newlength{\@biditytfloat@float@contents@width}
3007   \newenvironment{\@biditytfloat@float}[3][htbp]{%
3008     {% begin \@biditytfloat@float
3009       % Should this float be full-width or just text-width?
3010       \ifthenelse{\equal{#3}{star}}{%
3011         {\gsetboolean{\@biditytfloat@float@star}{true}}%
3012         {\gsetboolean{\@biditytfloat@float@star}{false}}%
3013       % Check page side (recto/verso) and store detected value -- can be overridden in environment cont
3014       \@biditytfloat@checkoddpag
3015       \ifthenelse{\boolean{\@biditytfloat@odd@page}}{%
3016         {\gsetboolean{\@biditytfloat@float@recto}{true}}\@biditytfloat@float@debug{Detected page
3017         {\gsetboolean{\@biditytfloat@float@recto}{false}}\@biditytfloat@float@debug{Detected pag
3018       % If the float placement specifier is 'b' and only 'b', then bottom-align the mini-pages, otherw
3019       \renewcommand{\@biditytfloat@fps}{#1}%
3020       \@biditytfloat@float@debug{Allowed positions: [ #1 ]}%
3021       \ifthenelse{\equal{#1}{b}\OR\equal{#1}{B}}{%
3022         {\renewcommand{\floatalignment}{b}}\@biditytfloat@float@debug{Presumed position: [bottom]
3023         {\renewcommand{\floatalignment}{t}}\@biditytfloat@float@debug{Presumed position: [top]}}%
3024       % Capture the contents of the \caption and \label commands to use later
3025       \global\let\@biditytfloat@orig@caption\caption%
3026       \global\let\@biditytfloat@orig@label\label%
3027       \renewcommand{\caption}{\optparams{\@biditytfloat@caption}{[ ] [Opt]}}%
3028       \renewcommand{\label}[1]{\@biditytfloat@label{##1}}%
3029       % Handle subfigure package compatibility
3030       \ifthenelse{\boolean{\@biditytfloat@packages@subfigure}}{%
3031         % don't move the label while inside a \subfigure or \subtable command
3032         \global\let\label\@biditytfloat@orig@label%
3033       }{% subfigure package is not loaded
3034       \@biditytfloat@orig@float{#2}[#1}%
3035       \ifthenelse{\boolean{\@biditytfloat@float@star}}{%
3036         {\setlength{\@biditytfloat@float@contents@width}{\@biditytfloat@fullwidth}}%
3037         {\setlength{\@biditytfloat@float@contents@width}{\textwidth}}%
3038       \begin{lrbox}{\@biditytfloat@figure@box}%
3039       \begin{minipage}[\floatalignment]{\@biditytfloat@float@contents@width}\hbox{%
3040     }{% end \@biditytfloat@float
3041       \par\hbox{\vspace{-\baselineskip}\ifthenelse{\prevdepth>0}{\vspace{-\prevdepth}}}% align
3042       \end{minipage}%
3043       \end{lrbox}%
3044       % build the caption box
3045       \begin{lrbox}{\@biditytfloat@caption@box}%
3046       \begin{minipage}[\floatalignment]{\marginparwidth}\hbox{%
3047         \ifthenelse{\NOT\equal{\@biditytfloat@stored@caption}}{\@biditytfloat@orig@caption
3048         \ifthenelse{\NOT\equal{\@biditytfloat@stored@label}}{\@biditytfloat@orig@label{\@b
3049         \par\vspace{-\prevdepth}}% TODO: DOUBLE-CHECK FOR SAFETY
3050       \end{minipage}%

```



```

3101 \@bittuftefloat@float@debug{Caption position: [left]]%
3102 }%
3103 }
3104 \newcommand{\@bittuftefloat@float@fullwidth}[3][Opt]{%
3105 \ifthenelse{\equal{\floatalignment}{b}}{%
3106 {% place caption above figure
3107 \ifthenelse{\NOT\boolean{@bittuftefloat@symmetric}}\OR\boolean{@bittuftefloat@float@rect}
3108 {\hfill\smash{\raisebox{#1}{\usebox{#3}}}\par\usebox{#2}\@bittuftefloat@float@debug{Cap
3109 {\smash{\raisebox{#1}{\usebox{#3}}}\hfill\par\usebox{#2}\@bittuftefloat@float@debug{Cap
3110 }{% place caption below figure
3111 \ifthenelse{\NOT\boolean{@bittuftefloat@symmetric}}\OR\boolean{@bittuftefloat@float@rect}
3112 {\usebox{#2}\par\hfill\smash{\raisebox{#1}{\usebox{#3}}}\@bittuftefloat@float@debug{Cap
3113 {\usebox{#2}\par\smash{\raisebox{#1}{\usebox{#3}}}\hfill\@bittuftefloat@float@debug{Cap
3114 }%
3115 }
3116 \renewenvironment{figure}[1][htbp]{%
3117 {\ifvmode\else\unskip\fi\begin{@bittuftefloat@float}[#1]{figure}{}}
3118 {\end{@bittuftefloat@float}}
3119 \renewenvironment{table}[1][htbp]{%
3120 {\ifvmode\else\unskip\fi\begin{@bittuftefloat@float}[#1]{table}{}}
3121 {\end{@bittuftefloat@float}}
3122 \renewenvironment{figure*}[1][htbp]{%
3123 {\ifvmode\else\unskip\fi\begin{@bittuftefloat@float}[#1]{figure}{star}}
3124 {\end{@bittuftefloat@float}}
3125 \renewenvironment{table*}[1][htbp]{%
3126 {\ifvmode\else\unskip\fi\begin{@bittuftefloat@float}[#1]{table}{star}}
3127 {\end{@bittuftefloat@float}}
3128 \newenvironment{fullwidth}
3129 {\ifthenelse{\boolean{@bittuftefloat@symmetric}}%
3130 {\ifthenelse{\boolean{@bittuftefloat@changepage}}{\begin{adjustwidth*}}{-\@bittuftefloa
3131 {\begin{adjustwidth}}{-\@bittuftefloat@overhang}}%
3132 }%
3133 {\ifthenelse{\boolean{@bittuftefloat@symmetric}}%
3134 {\ifthenelse{\boolean{@bittuftefloat@changepage}}{\end{adjustwidth*}}{\end{adjustwidth}}}%
3135 {\end{adjustwidth}}}%
3136 }
3137 \long\def\@caption#1[#2]#3{%
3138 \par%
3139 \addcontentsline{csname ext@#1\endcsname}{#1}%
3140 {\protect\numberline{csname the#1\endcsname}{\ignorespaces #2}}%
3141 \begingroup%
3142 \@parboxrestore%
3143 \if@minipage%
3144 \@setminipage%
3145 \fi%
3146 \@bittuftefloat@caption@font\@bittuftefloat@caption@justification%
3147 \noindent\csname fnum@#1\endcsname: \ignorespaces#3\par%
3148 %\makecaption{csname fnum@#1\endcsname}{\ignorespaces #3}\par
3149 \endgroup}
3150 %%

```

```

3151 % Turns newlines into spaces. Based on code from the `titlesec' package.
3152 \DeclareRobustCommand{\@bidityfteheading@newlinetospace}{%
3153   \ifstar{\@bidityfteheading@newlinetospace@i}{\@bidityfteheading@newlinetospace@i}%
3154 }
3155 \def\@bidityfteheading@newlinetospace@i{%
3156   \ifdim\lastskip>\z@\else\space\fi
3157   \ignorespaces%
3158 }
3159 \DeclareRobustCommand{\newlinetospace}[1]{%
3160   \let\@bidityfteheading@orig@cr\% save the original meaning of \
3161   \def\{\@bidityfteheading@newlinetospace}% turn \ and \* into \space
3162   \let\newline\% turn \newline into \space
3163   #1%
3164   \let\{\@bidityfteheading@orig@cr% revert to original meaning of \
3165 }
3166 \RequirePackage{fancyhdr}
3167 \pagestyle{fancy}
3168 \AtBeginDocument{%
3169   \ifthenelse{\boolean{@bidityftefloat@symmetric}}
3170     {\fancyhfoffset[LE,RO]{\@bidityftefloat@overhang}}
3171     {\fancyhfoffset[RE,RO]{\@bidityftefloat@overhang}}
3172 }
3173 % The running heads/feet don't have rules
3174 \renewcommand{\headrulewidth}{0pt}
3175 \renewcommand{\footrulewidth}{0pt}
3176 % The 'fancy' page style is the default style for all pages.
3177 \fancyhf{} % clear header and footer fields
3178   \ifthenelse{\boolean{@bidityftefloat@symmetric}}
3179     {\fancyhead[LE]{\thepage\quad\textsl{\newlinetospace{\plainauthor}}}%
3180     \fancyhead[RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3181     {\fancyhead[RE,RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3182 % The 'plain' page style is used on chapter opening pages.
3183 % In Tufte's /Beautiful Evidence/ he never puts page numbers at the
3184 % bottom of pages -- the folios are unexpressed.
3185 \fancypagestyle{plain}{
3186   \fancyhf{} % clear header and footer fields
3187   % Uncomment the following five lines of code if you want the opening page
3188   % of the chapter to express the folio in the lower outside corner.
3189   % \ifthenelse{\boolean{@bidityftefloat@symmetric}}
3190   %   {\fancyfoot[LE,RO]{\thepage}}
3191   %   {\fancyfoot[RE,RO]{\thepage}}
3192 }
3193 % The 'empty' page style suppresses all headers and footers.
3194 % It's used on title pages and 'intentionally blank' pages.
3195 \fancypagestyle{empty}{
3196   \fancyhf{} % clear header and footer fields
3197 }
3198 \def\morefloats{% provides a total of 52 floats
3199   \ifthenelse{\isundefined{\bx@S}}{%
3200     \bidityftefloatDebugInfoNL{Adding 34 more float slots.}

```

```

3201 \newinsert\bx@S
3202 \newinsert\bx@T
3203 \newinsert\bx@U
3204 \newinsert\bx@V
3205 \newinsert\bx@W
3206 \newinsert\bx@X
3207 \newinsert\bx@Y
3208 \newinsert\bx@Z
3209 \newinsert\bx@a
3210 \newinsert\bx@b
3211 \newinsert\bx@c
3212 \newinsert\bx@d
3213 \newinsert\bx@e
3214 \newinsert\bx@f
3215 \newinsert\bx@g
3216 \newinsert\bx@h
3217 \newinsert\bx@i
3218 \newinsert\bx@j
3219 \newinsert\bx@k
3220 \newinsert\bx@l
3221 \newinsert\bx@m
3222 \newinsert\bx@n
3223 \newinsert\bx@o
3224 \newinsert\bx@p
3225 \newinsert\bx@q
3226 \newinsert\bx@r
3227 \newinsert\bx@s
3228 \newinsert\bx@t
3229 \newinsert\bx@u
3230 \newinsert\bx@v
3231 \newinsert\bx@w
3232 \newinsert\bx@x
3233 \newinsert\bx@y
3234 \newinsert\bx@z
3235 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
3236 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
3237 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
3238 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
3239 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
3240 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
3241 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3242 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3243 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3244 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3245 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3246 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z}%
3247 }{% we've already added another 34 floats, so we'll add 26 more, but that's it!
3248 \ifthenelse{isundefined{bx@AA}}{%
3249 \bidituftefloatDebugInfoNL{Adding 26 more float slots.}
3250 \newinsert\bx@AA

```

```

3251 \newinsert\bx@BB
3252 \newinsert\bx@CC
3253 \newinsert\bx@DD
3254 \newinsert\bx@EE
3255 \newinsert\bx@FF
3256 \newinsert\bx@GG
3257 \newinsert\bx@HH
3258 \newinsert\bx@II
3259 \newinsert\bx@JJ
3260 \newinsert\bx@KK
3261 \newinsert\bx@LL
3262 \newinsert\bx@MM
3263 \newinsert\bx@NN
3264 \newinsert\bx@OO
3265 \newinsert\bx@PP
3266 \newinsert\bx@QQ
3267 \newinsert\bx@RR
3268 \newinsert\bx@SS
3269 \newinsert\bx@TT
3270 \newinsert\bx@UU
3271 \newinsert\bx@VV
3272 \newinsert\bx@WW
3273 \newinsert\bx@XX
3274 \newinsert\bx@YY
3275 \newinsert\bx@ZZ
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 \@elt\bx@AA\@elt\bx@BB\@elt\bx@CC\@elt\bx@DD\@elt\bx@EE
3289 \@elt\bx@FF\@elt\bx@GG\@elt\bx@HH\@elt\bx@II\@elt\bx@JJ
3290 \@elt\bx@KK\@elt\bx@LL\@elt\bx@MM\@elt\bx@NN
3291 \@elt\bx@OO\@elt\bx@PP\@elt\bx@QQ\@elt\bx@RR
3292 \@elt\bx@SS\@elt\bx@TT\@elt\bx@UU\@elt\bx@VV
3293 \@elt\bx@WW\@elt\bx@XX\@elt\bx@YY\@elt\bx@ZZ}%
3294 }{%
3295 \biditytfloatError{You may only call \string\morefloats\space twice. See the\MessageBreak
3296 {There are already 78 float slots allocated. Try using \string\FloatBarrier\space or\MessageBreak
3297 }%
3298 }%
3299 }
3300 \newboolean{@biditytfloat@packages@subfigure}

```

```

3301 \setboolean{@biditytfloat@packages@subfigure}{false}
3302 \AtBeginDocument{%
3303   \ifpackageloaded{subfigure}
3304     {\gsetboolean{@biditytfloat@packages@subfigure}{true}}
3305     {\gsetboolean{@biditytfloat@packages@subfigure}{false}}%
3306 }
3307 \AtBeginDocument{%
3308   \ifpackageloaded{float}{%
3309     % Save the redefined float environment (instead of the LaTeX float environment)
3310     \let\@biditytfloat@orig@float\@float
3311     \let\@biditytfloat@orig@endfloat\endfloat
3312
3313     % Define TufTian float styles (with the caption in the margin)
3314     \newcommand{\floatc@biditytfloatplain}[2]{%
3315       \begin{lrbox}{\@biditytfloat@caption@box}%
3316         \begin{minipage}{\floatalignment}{\marginparwidth}\hbox{}%
3317           \@biditytfloat@caption@font{\@fs@cfont #1:} #2\par%
3318         \end{minipage}%
3319       \end{lrbox}%
3320       \smash{\hspace{\@biditytfloat@caption@fill}}\usebox{\@biditytfloat@caption@box}}%
3321     }
3322     \newcommand{\fs@biditytfloatplain}{%
3323       \def\@fs@cfont{\@biditytfloat@caption@font}%
3324       \let\@fs@capt\floatc@biditytfloatplain%
3325       \def\@fs@pre{}%
3326       \def\@fs@post{}%
3327       \def\@fs@mid{}%
3328       \let\@fs@iftopcapt\iftrue%
3329     }
3330     \let\fs@biditytfloatplaintop=\fs@biditytfloatplain
3331     \let\floatc@biditytfloatplaintop=\floatc@biditytfloatplain
3332     \newcommand\floatc@biditytfloatruled[2]{%
3333       {\@fs@cfont #1} #2\par%
3334     }
3335     \newcommand\fs@biditytfloatruled{%
3336       \def\@fs@cfont{\@biditytfloat@caption@font}%
3337       \let\@fs@capt\floatc@biditytfloatplain%
3338       \def\@fs@pre{\hrule height.8pt depth0pt width\textwidth \kern2pt}%
3339       \def\@fs@post{\kern2pt\hrule width\textwidth\relax}%
3340       \def\@fs@mid{}%
3341       \let\@fs@iftopcapt\iftrue%
3342     }
3343     \newcommand\fs@biditytfloatboxed{%
3344       \def\@fs@cfont{}%
3345       \let\@fs@capt\floatc@biditytfloatplain%
3346       \def\@fs@pre{%
3347         \setbox\@currbox\vbox{\hbadness10000
3348         \moveleft3.4pt\vbox{\advance\hsize by6.8pt
3349         \hrule \hbox to\hsize{\vrule\kern3pt
3350         \vbox{\kern3pt\box\@currbox\kern3pt}\kern3pt\vrule}\hrule}}

```

```

3351      }%
3352      \def\@fs@mid{\kern2pt}%
3353      \def\@fs@post{}%
3354      \let\@fs@iftopcapt\iftrue%
3355    }
3356  }{%
3357    % Nothing to do
3358  }
3359 }
3360 \AtBeginDocument{%
3361   \ifpackageloaded{algorithm}{%
3362     % Set the float style to the Tufte version
3363     \ifthenelse{\equal{\ALG@floatstyle}{plain}\OR\equal{\ALG@floatstyle}{ruled}\OR\equal{\ALG@floatstyle}{list}}{}{
3364       \bidituftefloatInfoNL{Switching algorithm float style from \ALG@floatstyle\MessageBreak to bidituftefloat}%
3365       \floatstyle{bidituftefloat\ALG@floatstyle}%
3366       \restylefloat{algorithm}%
3367     }{}%
3368   }{%
3369     % Nothing to do
3370   }
3371 }
3372 \PassOptionsToPackage{caption=false}{subfig}

```

7.21 bidituftesidenote.sty

```

3373 \NeedsTeXFormat{LaTeX2e}
3374 \ProvidesPackage{bidituftesidenote}[2011/06/17 v0.1
3375 bidi implementation of tufte sidenote]
3376 \RequirePackage{xifthen}
3377 \RequirePackage{ragged2e}
3378 \RequirePackage{setspace}
3379 \RequirePackage{hopatch}
3380 \def\bidituftesidenotemarginpar{%
3381   \ifhmode
3382     \@bsphack
3383     \@floatpenalty -\@Mii
3384   \else
3385     \@floatpenalty-\@Miii
3386   \fi
3387   \ifinner
3388     \@parmoderr
3389     \@floatpenalty\z@
3390   \else
3391     \@next\@currbox\@freelist{}}{}%
3392     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3393     {\@floatpenalty\z@
3394       \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
3395   \fi
3396   \ifnextchar [\@bidituftesidenotexmpar\@bidituftesidenoteympar}
3397 \long\def\@bidituftesidenotexmpar[#1]#2{%

```

```

3398 \@bidityftesidenotesavemarbox\@marbox{#1}%
3399 \@bidityftesidenotesavemarbox\@currbox{#2}%
3400 \@xympar}
3401 \long\def\@bidityftesidenoteympar#1{%
3402 \@bidityftesidenotesavemarbox\@marbox{#1}%
3403 \global\setbox\@currbox\copy\@marbox
3404 \@xympar}
3405 \long\def \@bidityftesidenotesavemarbox #1#2{%
3406 \global\setbox #1%
3407 \color@vbox
3408 \vtop{%
3409 \hsize\marginparwidth
3410 \@parboxrestore
3411 \@bidityftesidenotemarginparreset
3412 #2%
3413 \@minipagefalse
3414 \outer@nobreak
3415 }%
3416 \color@endbox
3417 }
3418 \def \@bidityftesidenotemarginparreset {%
3419 \reset@font
3420 \normalsize
3421 \@minipagetrue
3422 \everypar{\@minipagefalse\everypar{}}\if@RTL@footnote\beginR\else\beginL\fi}%
3423 }
3424 \def\LTRbidityftesidenotemarginpar{%
3425 \ifhmode
3426 \@bsphack
3427 \@floatpenalty -\@Mii
3428 \else
3429 \@floatpenalty-\@Miii
3430 \fi
3431 \ifinner
3432 \@parmoderr
3433 \@floatpenalty\z@
3434 \else
3435 \@next\@currbox\@freelist{}}}%
3436 \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3437 {\@floatpenalty\z@
3438 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
3439 \fi
3440 \@ifnextchar [\@LTRbidityftesidenotexmpar\@LTRbidityftesidenoteympar}
3441 \long\def\@LTRbidityftesidenotexmpar[#1]#2{%
3442 \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3443 \@LTRbidityftesidenotesavemarbox\@currbox{#2}%
3444 \@xympar}
3445 \long\def\@LTRbidityftesidenoteympar#1{%
3446 \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3447 \global\setbox\@currbox\copy\@marbox

```

```

3448 \@xympar}
3449 \long\def \@LTRbiditytesidenotesavemarbox #1#2{%
3450 \global\setbox #1%
3451 \color@vbox
3452 \vtop{%
3453 \hsize\marginparwidth
3454 \@parboxrestore
3455 \@LTRbiditytesidenotemarginparreset
3456 #2%
3457 \@minipagefalse
3458 \outer@nobreak
3459 }%
3460 \color@endbox
3461 }
3462 \def \@LTRbiditytesidenotemarginparreset {%
3463 \reset@font
3464 \normalsize
3465 \@minipagetrue
3466 \everypar{\@minipagefalse\everypar{}\beginL}%
3467 }
3468 \def\RTLbiditytesidenotemarginpar{%
3469 \ifhmode
3470 \bsphack
3471 \@floatpenalty -\@Mii
3472 \else
3473 \@floatpenalty-\@Miii
3474 \fi
3475 \ifinner
3476 \@parmoderr
3477 \@floatpenalty\z@
3478 \else
3479 \next\@currbox\@freelist{}\}%
3480 \next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3481 {\@floatpenalty\z@
3482 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
3483 \fi
3484 \@ifnextchar [\@RTLbiditytesidenotexmpar\@RTLbiditytesidenoteympar}
3485 \long\def\@RTLbiditytesidenotexmpar[#1]#2{%
3486 \@RTLbiditytesidenotesavemarbox\@marbox{#1}%
3487 \@RTLbiditytesidenotesavemarbox\@currbox{#2}%
3488 \@xympar}
3489 \long\def\@RTLbiditytesidenoteympar#1{%
3490 \@RTLbiditytesidenotesavemarbox\@marbox{#1}%
3491 \global\setbox\@currbox\copy\@marbox
3492 \@xympar}
3493 \long\def \@RTLbiditytesidenotesavemarbox #1#2{%
3494 \global\setbox #1%
3495 \color@vbox
3496 \vtop{%
3497 \hsize\marginparwidth

```

```

3498         \@parboxrestore
3499         \@RTLbiditytesidenotemarginparreset
3500         #2%
3501         \@minipagefalse
3502         \outer@nobreak
3503     }%
3504     \color@endbox
3505 }
3506 \def \@RTLbiditytesidenotemarginparreset {%
3507     \reset@font
3508     \normalsize
3509     \@minipagetrue
3510     \everypar{\@minipagefalse\everypar{}\beginR}%
3511 }
3512 \newcommand{\@biditytesidenote@marginfont}{\normalfont\footnotesize}
3513 \newcommand*{\@biditytesidenote@sidenote@font}{\@biditytesidenote@marginfont}
3514 \newcommand*{\@biditytesidenote@marginnote@font}{\@biditytesidenote@marginfont}
3515 \newcommand*{\@biditytesidenote@citation@font}{\@biditytesidenote@marginfont}
3516 \newcommand*{\setsidenote@font}[1]{\renewcommand*{\@biditytesidenote@sidenote@font}{#1}}
3517 \newcommand*{\setmarginnote@font}[1]{\renewcommand*{\@biditytesidenote@marginnote@font}{#1}}
3518 \newcommand*{\setcitationfont}[1]{\renewcommand*{\@biditytesidenote@citation@font}{#1}}
3519 \newcommand*{\@biditytesidenote@sidenote@justification}{\@biditytesidenote@justification@autodetect}
3520 \newcommand*{\@biditytesidenote@marginnote@justification}{\@biditytesidenote@justification@autodetect}
3521 \newcommand*{\@biditytesidenote@citation@justification}{\@biditytesidenote@justification@autodetect}
3522 \newcommand*{\@biditytesidenote@justification@autodetect}{\justifying}%
3523 \newcommand{\@biditytesidenote@margin@par}{%
3524     \setlength{\RaggedRightParindent}{0.5pc}%
3525     \setlength{\JustifyingParindent}{0.5pc}%
3526     \setlength{\parindent}{0.5pc}%
3527     \setlength{\parskip}{0pt}%
3528 }
3529 %%
3530 % Globally sets the length
3531 \ifundefined{gsetlength}{%
3532 \newcommand*{gsetlength}[2]{%
3533     \setlength{#1}{#2}%
3534     \global#1=#1\relax%
3535 }%
3536 }{}
3537 %%
3538 % Globally sets a boolean
3539 \ifundefined{gsetboolean}{%
3540 \newcommand*{gsetboolean}[2]{% based on code from ifthen pkg
3541     \lowercase{\def\@tempa{#2}}%
3542     \ifundefined{\@tempa}{%
3543         {\PackageError{ifthen}{You can only set a boolean to `true' or `false'}\@ehc}%
3544         {\ifundefined{#1\@tempa}%
3545             {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
3546             {\global\csname#1\@tempa\endcsname}%
3547         }%

```

```

3548 }%
3549 }{}
3550 %%
3551 % A function that removes leading and trailing spaces from the supplied macro.
3552 % Based on code written by Michael Downes (See ``Around the Bend'', #15.)
3553 % Executing \@bidityftesidenote@trim@spaces\xyzy will result in the contents of \xyzy
3554 % being trimmed of leading and trailing white space.
3555 \catcode`\Q=3
3556 \def\@bidityftesidenote@trim@spaces#1{%
3557   % Use grouping to emulate a multi-token afterassignment queue
3558   \begingroup%
3559   % Put ``\toks 0 {' into the afterassignment queue
3560   \aftergroup\toks\aftergroup0\aftergroup{%
3561   % Apply \trimb to the replacement text of #1, adding a leading
3562   % \noexpand to prevent brace stripping and to serve another purpose
3563   % later.
3564   \expandafter\@bidityftesidenote@trim@b\expandafter\noexpand#1Q Q}%
3565   % Transfer the trimmed text back into #1.
3566   \edef#1{\the\toks0}%
3567 }
3568 % \trimb removes a trailing space if present, then calls \@bidityftesidenote@trim@c to
3569 % clean up any leftover bizarre Qs, and trim a leading space. In
3570 % order for \trimc to work properly we need to put back a Q first.
3571 \def\@bidityftesidenote@trim@b#1 Q{\@bidityftesidenote@trim@c#1Q}
3572 % Execute \vfuzz assignment to remove leading space; the \noexpand
3573 % will now prevent unwanted expansion of a macro or other expandable
3574 % token at the beginning of the trimmed text. The \endgroup will feed
3575 % in the \aftergroup tokens after the \vfuzz assignment is completed.
3576 \def\@bidityftesidenote@trim@c#1Q#2{\afterassignment\endgroup \vfuzz\the\vfuzz#1}
3577 \catcode`\Q=11
3578 %%
3579 % Citations should go in the margin as sidenotes
3580
3581 \RequirePackage{natbib}
3582 \RequirePackage{bibentry} % allows bibitems to be typeset outside thebibliography environmen
3583 % Redefine the \BR@b@bibitem command to fix a bug with bibentry+chicago style
3584 \renewcommand\BR@b@bibitem[2][]{%
3585   \ifthenelse{\isempty{#1}}{%
3586     {\BR@b@bibitem{#2}}%
3587     {\BR@bibitem[#1]{#2}}%
3588   \BR@c@bibitem{#2}%
3589 }
3590 \nobibliography* % pre-loads the bibliography keys
3591 %%
3592 % Normal \cite behavior
3593 \newcounter{@bidityftesidenote@num@bibkeys}%
3594 \newcommand{\@bidityftesidenote@normal@cite}[2][Opt]{%
3595   % Snag the last bibentry in the list for later comparison
3596   \let\@temp@last@bibkey\empty%
3597   \for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%

```

```

3598 \sidenote[] [#1]{%
3599 % Loop through all the bibentries, separating them with semicolons and spaces
3600 \normalsize\normalfont\@bidityftesidenote@citation@font%
3601 \setcounter{@bidityftesidenote@num@bibkeys}{0}%
3602 \@for\@temp@bibkeyx:=#2\do{%
3603 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
3604 {\ifthenelse{\equal{\value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
3605 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3606 \bibentry{\@temp@bibkeyx}}%
3607 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3608 \bibentry{\@temp@bibkeyx};\ }%
3609 \stepcounter{@bidityftesidenote@num@bibkeys}%
3610 }%
3611 }%
3612 }
3613 %%
3614 % Macros for holding the list of cite keys until after the \sidenote
3615 \gdef\@bidityftesidenote@citations{}% list of cite keys
3616 \newcommand\@bidityftesidenote@add@citation[1]{\relax% adds a new bibkey to the list of cite keys
3617 \ifx\@bidityftesidenote@citations\@empty\else
3618 \g@addto@macro\@bidityftesidenote@citations{,}% separate by commas
3619 \fi
3620 \g@addto@macro\@bidityftesidenote@citations{#1}
3621 }
3622 \newcommand{\@bidityftesidenote@print@citations}[1][Opt]{% puts the citations in a margin note
3623 % Snag the last bibentry in the list for later comparison
3624 \let\@temp@last@bibkey\@empty%
3625 \@for\@temp@bibkey:=\@bidityftesidenote@citations\do{\let\@temp@last@bibkey\@temp@bibkey}%
3626 \marginpar{%
3627 \hbox{\vspace*{#1}}%
3628 \@bidityftesidenote@citation@font%
3629 \@bidityftesidenote@citation@justification%
3630 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3631 \vspace*{-1\baselineskip}%
3632 % Loop through all the bibentries, separating them with semicolons and spaces
3633 \setcounter{@bidityftesidenote@num@bibkeys}{0}%
3634 \@for\@temp@bibkeyx:=\@bidityftesidenote@citations\do{%
3635 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
3636 {\ifthenelse{\equal{\value{@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
3637 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3638 \bibentry{\@temp@bibkeyx}}%
3639 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3640 \bibentry{\@temp@bibkeyx};\ }%
3641 \stepcounter{@bidityftesidenote@num@bibkeys}%
3642 }%
3643 }%
3644 }
3645 %%
3646 % \cite behavior when executed within a sidenote
3647 \newcommand{\@bidityftesidenote@sidenote@citations}{% contains list of \cites in sidenote

```

```

3648 \newcommand{\@bidityftesidenote@infootnote@cite}[1]{%
3649   \@bidityftesidenote@add@citation{#1}
3650 }
3651 %%
3652 % Set the default \cite style. This is set and reset by the \sidenote command.
3653 \let\cite\@bidityftesidenote@normal@cite
3654 %%
3655 % Transform existing \footnotes into \sidenotes
3656 % Sidenote: ``Where God meant footnotes to go.' '---bidityftesidenote
3657 \RequirePackage{optparams}% for our new sidenote commands -- provides multiple optional arguments
3658 \providecommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote@}
3659 \renewcommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote@}
3660 % Override footmisc's definition to set the sidenote marks (numbers) inside the
3661 % sidenote's text block.
3662 \hopatch@AfterPackage{bidi}{\long\def\@makefnmark{\@textsuperscript{\@bidityftesidenote@sidenote@}
3663 % Set the in-text footnote mark in the same typeface as the body text itself.
3664 \hopatch@AfterPackage{bidi}{\def\@makefnmark{\hbox{\@textsuperscript{\normalfont\footnotesize\@bidityftesidenote@sidenote@}
3665 \providecommand*\@multiplefootnotemark}{3sp}
3666 \providecommand*\@multfootsep}{,}
3667 \hopatch@AfterPackage{bidi}{\%
3668 \renewcommand{\@footnotemark}{\%
3669   \leavevmode\%
3670   \ifhmode\%
3671     \edef\@x@sf{\the\spacefactor}%
3672     \@bidityftesidenote@check@multiple@sidenotes\%
3673     \nobreak\%
3674     \fi\%
3675     \@makefnmark\%
3676     \ifhmode\spacefactor\@x@sf\fi\%
3677     \relax\%
3678 }%
3679 }
3680 \newcommand{\@bidityftesidenote@check@multiple@sidenotes}{\%
3681   \ifdim\lastkern=\@multiplefootnotemark\relax\%
3682     \edef\@x@sf{\the\spacefactor}%
3683     \unkern\%
3684     \textsuperscript{\@multfootsep}%
3685     \spacefactor\@x@sf\relax\%
3686     \fi
3687 }
3688 \hopatch@AfterPackage{bidi}{\%
3689 \renewcommand\@footnotetext[2][0pt]{\%
3690   \bidityftesidenotemarginpar{\%
3691     \hbox{\vspace*{#1}}\%
3692     \def\baselinestretch {\setspace@singlespace}%
3693     \reset@font\footnotesize\%
3694     \@bidityftesidenote@margin@par\% use parindent and parskip settings for marginal text
3695     \vspace*{-1\baselineskip}\noindent\%
3696     \protected@edef\@currentlabel{\%
3697       \csname p@footnote\endcsname\@thefnmark\%

```

```

3698 }%
3699 \color@begingroup%
3700 \makefnintext{%
3701 \ignorespaces#2%
3702 }%
3703 \color@endgroup%
3704 }%
3705 }%
3706 \renewcommand\@LTRfootnotetext[2][0pt]{%
3707 \LTRbidituftesidenotemarginpar{%
3708 \hbox{}\vspace*{#1}%
3709 \def\baselinestretch {\setspace@singlespace}%
3710 \reset@font\footnotesize%
3711 \@bidituftesidenote@margin@par% use parindent and parskip settings for marginal text
3712 \vspace*{-1\baselineskip}\noindent%
3713 \protected@edef\@currentlabel{%
3714 \csname p@footnote\endcsname\@thefnmark%
3715 }%
3716 \color@begingroup%
3717 \makefnintext{%
3718 \ignorespaces#2%
3719 }%
3720 \color@endgroup%
3721 }%
3722 }%
3723 \renewcommand\@RTLfootnotetext[2][0pt]{%
3724 \RTLbidituftesidenotemarginpar{%
3725 \hbox{}\vspace*{#1}%
3726 \def\baselinestretch {\setspace@singlespace}%
3727 \reset@font\footnotesize%
3728 \@bidituftesidenote@margin@par% use parindent and parskip settings for marginal text
3729 \vspace*{-1\baselineskip}\noindent%
3730 \protected@edef\@currentlabel{%
3731 \csname p@footnote\endcsname\@thefnmark%
3732 }%
3733 \color@begingroup%
3734 \makefnintext{%
3735 \ignorespaces#2%
3736 }%
3737 \color@endgroup%
3738 }%
3739 }%
3740 }
3741 %
3742 % Define \sidenote command. Can handle \cite.
3743 \newlength{\@bidituftesidenote@sidenote@vertical@offset}
3744 \setlength{\@bidituftesidenote@sidenote@vertical@offset}{0pt}
3745 % #1 = footnote num, #2 = vertical offset, #3 = footnote text
3746 \long\def\@bidituftesidenote@sidenote[#1][#2]#3{%
3747 \let\cite\@bidituftesidenote@infootnote@cite% use the in-sidenote \cite command

```

```

3748 \gdef\@bidityftesidenote@citations{}%          clear out any old citations
3749 \ifthenelse{\NOT\isempty{#2}}{%
3750     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3751 }{%
3752     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3753 }%
3754 \ifthenelse{\isempty{#1}}{%
3755     % no specific footnote number provided
3756     \stepcounter{\@mpfn}%
3757     \protected@xdef\@thefnmark{\thempfn}%
3758     \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3759 }{%
3760     % specific footnote number provided
3761     \begingroup%
3762         \csname c@\@mpfn\endcsname #1\relax%
3763         \unrestored@protected@xdef\@thefnmark{\thempfn}%
3764     \endgroup%
3765     \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3766 }%
3767 \@bidityftesidenote@print@citations%          print any citations
3768 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite command
3769 \unskip\ignorespaces%          remove extra white space
3770 \kern-\multiplefootnotemarker%      remove \kern left behind by sidenote
3771 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3772 }
3773 \long\def\@LTRbidityftesidenote@sidenote[#1][#2]#3{%
3774 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3775 \gdef\@bidityftesidenote@citations{}%          clear out any old citations
3776 \ifthenelse{\NOT\isempty{#2}}{%
3777     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3778 }{%
3779     \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3780 }%
3781 \ifthenelse{\isempty{#1}}{%
3782     % no specific footnote number provided
3783     \stepcounter{\@mpfn}%
3784     \protected@xdef\@thefnmark{\thempfn}%
3785     \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3786 }{%
3787     % specific footnote number provided
3788     \begingroup%
3789         \csname c@\@mpfn\endcsname #1\relax%
3790         \unrestored@protected@xdef\@thefnmark{\thempfn}%
3791     \endgroup%
3792     \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3793 }%
3794 \@bidityftesidenote@print@citations%          print any citations
3795 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite command
3796 \unskip\ignorespaces%          remove extra white space
3797 \kern-\multiplefootnotemarker%      remove \kern left behind by sidenote

```

```

3798 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3799 }
3800 \long\def\@RTLbidityftesidenote@sidenote[#1][#2]#3{%
3801 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3802 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3803 \ifthenelse{\NOT\isempty{#2}}{%
3804 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3805 }{%
3806 \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3807 }%
3808 \ifthenelse{\isempty{#1}}{%
3809 % no specific footnote number provided
3810 \stepcounter\@mpfn%
3811 \protected@xdef\@thefnmark{\thempfn}%
3812 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3813 }{%
3814 % specific footnote number provided
3815 \begingroup%
3816 \csname c@\@mpfn\endcsname #1\relax%
3817 \unrestored@protected@xdef\@thefnmark{\thempfn}%
3818 \endgroup%
3819 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3820 }%
3821 \@bidityftesidenote@print@citations% print any citations
3822 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite command
3823 \unskip\ignorespaces% remove extra white space
3824 \kern-\multiplefootnotemarker% remove \kern left behind by sidenote
3825 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3826 }
3827 \newcommand{\sidenote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}
3828 \newcommand{\LTRsidenote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}
3829 \newcommand{\RTLSidenote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}
3830 \hopatch@AfterPackage{bidi}{%
3831 \renewcommand{\footnote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}%
3832 \renewcommand{\LTRfootnote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}%
3833 \renewcommand{\RTLfootnote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}%
3834 }
3835 %%
3836 % Sidenote without the footnote mark
3837 \newcommand\marginnote[2][Opt]{%
3838 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3839 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3840 \bidityftesidenotemarginpar{\hbox{} \vspace*{#1}\@bidityftesidenote@marginnote@font\@bidityft
3841 \@bidityftesidenote@print@citations% print any citations
3842 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite command
3843 }
3844 \newcommand\LTRmarginnote[2][Opt]{%
3845 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3846 \gdef\@bidityftesidenote@citations{}% clear out any old citations
3847 \LTRbidityftesidenotemarginpar{\hbox{} \vspace*{#1}\@bidityftesidenote@marginnote@font\@bidityft

```

```

3848 \@bidityftesidenote@print@citations%           print any citations
3849 \let\cite\@bidityftesidenote@normal\cite%       go back to using normal in-text \cite command
3850 }
3851 \newcommand\RTLmarginnote[2][0pt]{%
3852 \let\cite\@bidityftesidenote@infootnote\cite%   use the in-sidenote \cite command
3853 \gdef\@bidityftesidenote@citations{}%           clear out any old citations
3854 \RTLbidityftesidenotemarginpar{\hbox{} \vspace*{#1}}\@bidityftesidenote@marginnote@font\@bidityft
3855 \@bidityftesidenote@print@citations%           print any citations
3856 \let\cite\@bidityftesidenote@normal\cite%       go back to using normal in-text \cite command
3857 }

```

7.22 bidityftetoc.sty

```

3858 \NeedsTeXFormat{LaTeX2e}
3859 \ProvidesPackage{bidityftetoc}[2011/06/17 v0.1
3860 bidi implementation of tufte toc]
3861 \RequirePackage{titlesec,titletoc,xifthen,hopatch}
3862 \newcommand{\@bidityftetoc@pkgname}{bidityftetoc}
3863 \newcommand{\@bidityftetocError}[2]{\PackageError{\@bidityftetoc@pkgname}{#1}{#2}}
3864 %%
3865 % Turn off section numbering
3866 \setcounter{secnumdepth}{-1}
3867 \newboolean{\@bidityftetoc@toc}
3868 \setboolean{\@bidityftetoc@toc}{true}
3869 \DeclareOption{notoc}{\setboolean{\@bidityftetoc@toc}{false}}
3870 \DeclareOption{toc}{\setboolean{\@bidityftetoc@toc}{true}}
3871 \ProcessOptions
3872 %%
3873 % Make Tufteian-style section headings and TOC formatting
3874 \hopatch@AfterPackage{bidi}{%
3875 \titleformat{\chapter}%
3876 [display]% shape
3877 {\relax\ifthenelse{\NOT\boolean{\@bidityftfloat@symmetric}}{\begin{fullwidth}}{}{}% format applied to label+text
3878 {\itshape\huge\thechapter}% label
3879 {0pt}% horizontal separation between label and title body
3880 {\huge\rmfamily\itshape}% before the title body
3881 [\ifthenelse{\NOT\boolean{\@bidityftfloat@symmetric}}{\end{fullwidth}}{}{}% after the title body
3882 \titleformat{\section}%
3883 [hang]% shape
3884 {\normalfont\Large\itshape}% format applied to label+text
3885 {\thesection}% label
3886 {1em}% horizontal separation between label and title body
3887 {}% before the title body
3888 []% after the title body
3889 \titleformat{\subsection}%
3890 [hang]% shape
3891 {\normalfont\large\itshape}% format applied to label+text
3892 {\thesubsection}% label
3893 {1em}% horizontal separation between label and title body
3894 {}% before the title body

```

```

3895 []% after the title body
3896 \titleformat{\paragraph}%
3897 [runin]% shape
3898 {\normalfont\itshape}% format applied to label+text
3899 {\theparagraph}% label
3900 {1em}% horizontal separation between label and title body
3901 {}% before the title body
3902 []% after the title body
3903 \titlespacing*{\chapter}{0pt}{50pt}{40pt}
3904 \titlespacing*{\section}{0pt}{3.5ex plus 1ex minus .2ex}{2.3ex plus .2ex}
3905 \titlespacing*{\subsection}{0pt}{3.25ex plus 1ex minus .2ex}{1.5ex plus .2ex}
3906 }
3907 % Subsubsection and following section headings shouldn't be used.
3908 % See Bringhurst's _The Elements of Typography_, section 4.2.2.
3909 \renewcommand\subsubsection{%
3910 \biditytetocError{\noexpand\subsubsection is undefined by this class.%
3911 \MessageBreak See Robert Bringhurst's _The Elements of
3912 \MessageBreak Typographic Style_, section 4.2.2.
3913 \MessageBreak \noexpand\subsubsection was used}
3914 {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
3915 \MessageBreak many levels of headings as you need, no more and no fewer. Also see the many
3916 \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
3917 }
3918 \renewcommand\subparagraph{%
3919 \biditytetocError{\noexpand\subparagraph is undefined by this class.%
3920 \MessageBreak See Robert Bringhurst's _The Elements of
3921 \MessageBreak Typographic Style_, section 4.2.2.
3922 \MessageBreak \noexpand\subparagraph was used}
3923 {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
3924 \MessageBreak many levels of headings as you need, no more and no fewer. Also see the many
3925 \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
3926 }
3927 % Formatting for main TOC (printed in front matter)
3928 % {section} [left] {above} {before w/label} {before w/o label} {filler + page} [after]
3929 \ifthenelse{\boolean{@biditytetoc@toc}}{%
3930 \hopatch@AfterPackage{bidi}{%
3931 \titlecontents{part}% FIXME
3932 [0em] % distance from left margin
3933 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global formatting)
3934 {\contentslabel{2em}} % before w/label (label = ``II'')
3935 {} % before w/o label
3936 {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
3937 [\end{fullwidth}] % after
3938 \titlecontents{chapter}%
3939 [0em] % distance from left margin
3940 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global formatting)
3941 {\hspace*{0em}\contentslabel{2em}} % before w/label (label = ``2'')
3942 {\hspace*{0em}} % before w/o label
3943 {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
3944 [\end{fullwidth}] % after

```

```

3945 \titlecontents{section}% FIXME
3946     [0em] % distance from left margin
3947     {\vspace{0\baselineskip}\begin{fullwidth}\Large\rmfamily\itshape} % above (global formatting
3948     {\hspace*{2em}\contentslabel{2em}} % before w/label (label = ``2.6'')
3949     {\hspace*{2em}} % before w/o label
3950     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
3951     [\end{fullwidth}] % after
3952 \titlecontents{subsection}% FIXME
3953     [0em] % distance from left margin
3954     {\vspace{0\baselineskip}\begin{fullwidth}\large\rmfamily\itshape} % above (global formatting
3955     {\hspace*{4em}\contentslabel{4em}} % before w/label (label = ``2.6.1'')
3956     {\hspace*{4em}} % before w/o label
3957     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
3958     [\end{fullwidth}] % after
3959 \titlecontents{paragraph}% FIXME
3960     [0em] % distance from left margin
3961     {\vspace{0\baselineskip}\begin{fullwidth}\normalsize\rmfamily\itshape} % above (global forma
3962     {\hspace*{6em}\contentslabel{2em}} % before w/label (label = ``2.6.0.0.1'')
3963     {\hspace*{6em}} % before w/o label
3964     {\rmfamily\upshape\qqquad\thecontentspage} % filler + page (leaders and page num)
3965     [\end{fullwidth}] % after
3966 }%
3967 {}
3968 %%
3969 % Format lists of figures/tables
3970 \renewcommand\listoffigures{%
3971     \@ifundefined{chapter}%
3972     {\section*{\listfigurename}}%
3973     {\chapter*{\listfigurename}}%
3974 % \begin{fullwidth}%
3975     \@starttoc{lof}%
3976 % \end{fullwidth}%
3977 }
3978 \renewcommand\listoftables{%
3979     \@ifundefined{chapter}%
3980     {\section*{\listtablename}}%
3981     {\chapter*{\listtablename}}%
3982 % \begin{fullwidth}%
3983     \@starttoc{lot}%
3984 % \end{fullwidth}%
3985 }
3986 \newcommand{\@biditytetoc@lof@line}[2]{%
3987     % #1 is the figure/table number and its caption text
3988     % #2 is the page number on which the figure/table appears
3989     \leftskip 0.0em
3990     \rightskip 0em
3991     \parfillskip 0em plus 1fil
3992     \parindent 0.0em
3993     \@afterindenttrue
3994     \interlinepenalty\@M

```

```

3995 \leavevmode
3996 \@tempdima 2.0em
3997 \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
3998 \null\nobreak\hskip -\if@RTL\rightskip\else\leftskip\fi
3999 {\#1}\nobreak\qqquad\nobreak#2%
4000 \par%
4001 }
4002 \renewcommand*\l@figure{\@bittuftetoc@lof@line}
4003 \let\l@table\l@figure

```

7.23 bittuftegeneralstructure.sty

```

4004 \NeedsTeXFormat{LaTeX2e}
4005 \ProvidesPackage{bittuftegeneralstructure}[2011/06/18 v0.1
4006 bidi implementation of tufte general structure]
4007 \renewcommand\small{%
4008   \@setfontsize\small\@ixpt{12}%
4009   \abovedisplayskip 8.5\p@ \@plus3\p@ \@minus4\p@
4010   \abovedisplayshortskip \z@ \@plus2\p@
4011   \belowdisplayshortskip 4\p@ \@plus2\p@ \@minus2\p@
4012   \def\@listi{\leftmargin\leftmargini
4013     \topsep 4\p@ \@plus2\p@ \@minus2\p@
4014     \parsep 2\p@ \@plus\p@ \@minus\p@
4015     \itemsep \parsep}%
4016   \belowdisplayskip \abovedisplayskip
4017 }
4018 \renewcommand\scriptsize{\@setfontsize\scriptsize\@viipt\@viipt}
4019 \renewcommand\tiny{\@setfontsize\tiny\@vpt\@vpt}
4020 \renewcommand\large{\@setfontsize\large\@xipt{15}}
4021 \renewcommand\Large{\@setfontsize\Large\@xiipt{16}}
4022 \renewcommand\LARGE{\@setfontsize\LARGE\@xivpt{18}}
4023 \renewcommand\huge{\@setfontsize\huge\@xxpt{30}}
4024 \renewcommand\Huge{\@setfontsize\Huge{24}{36}}
4025 \setlength\leftmargini {1pc}
4026 \setlength\leftmarginii {1pc}
4027 \setlength\leftmarginiii {1pc}
4028 \setlength\leftmarginiv {1pc}
4029 \setlength\leftmarginv {1pc}
4030 \setlength\leftmarginvi {1pc}
4031 \setlength\labelsep {.5pc}
4032 \setlength\labelwidth {\leftmargini}
4033 \addtolength\labelwidth{-\labelsep}
4034 \setlength{\parindent}{1.0pc}%
4035 \setlength{\parskip}{0pt}%
4036 \RequirePackage{ragged2e}
4037 \setlength{\RaggedRightRightskip}{\z@ plus 0.08\hsize}
4038 % Paragraph indentation and separation for normal text
4039 \newcommand{\@bittuftegeneralstructure@reset@par}{%
4040   \setlength{\RaggedRightParindent}{1.0pc}%
4041   \setlength{\JustifyingParindent}{1.0pc}%

```

```

4042 \setlength{\parindent}{1pc}%
4043 \setlength{\parskip}{0pt}%
4044 }
4045 \@biditytgeneralstructure@reset@par
4046 % Require paralist package for tighter lists
4047 \RequirePackage{paralist}
4048 % Add rightmargin to compactenum
4049 \def\compactenum@{%
4050 \expandafter\list\csname label\@enumctr\endcsname{%
4051 \usecounter{\@enumctr}%
4052 \rightmargin=2em% added this
4053 \parsep\plparsep
4054 \itemsep\plitemsep
4055 \topsep\pltopsep
4056 \partopsep\plpartopsep
4057 \def\makelabel##1{\hss\llap{##1}}}}
4058 %%
4059 % An environment for paragraph-style section
4060 \providecommand\newthought[1]{%
4061 \addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}%
4062 \noindent\textbf{#1}%
4063 }
4064 %%
4065 % Redefine the display environments (quote, quotation, etc.)
4066 \renewenvironment{verse}
4067 {
4068 \let\\\@centercr
4069 \list{}{\itemsep \z@
4070 \itemindent -1pc%
4071 \listparindent\itemindent
4072 \rightmargin \leftmargin
4073 \advance\leftmargin 1pc}%
4074 \small%
4075 \item\relax}
4076 {\endlist}
4077 \renewenvironment{quotation}
4078 {\list{}{\listparindent 1pc%
4079 \itemindent \listparindent
4080 \rightmargin \leftmargin
4081 \parsep \z@ \@plus\p@}%
4082 \small%
4083 \item\relax\noindent\ignorespaces}
4084 {\endlist}
4085 \renewenvironment{quote}
4086 {\list{}{\rightmargin\leftmargin}%
4087 \small%
4088 \item\relax}
4089 {\endlist}
4090 % Italicize description run-in headings (instead of the default bold)
4091 \renewcommand*{\descriptionlabel[1]{\hspace\labelsep\normalfont\em #1}
4092 }

```

```

4092 % Redefine \bibsection to not mark the running heads.
4093 % (Code modified from natbib.sty.)
4094 \@ifundefined{chapter}%
4095   {\renewcommand\bibsection{\section*{\refname}}}
4096   {\@ifundefined{NAT@sectionbib}%
4097     {\renewcommand\bibsection{\chapter{\bibname}}}
4098     {\renewcommand\bibsection{\section*{\bibname}}}}
4099 \RequirePackage{multicol}
4100 \renewenvironment{theindex}{%
4101   \@ifundefined{chapter}%
4102     {\section*{\indexname}}%
4103     {\chapter{\indexname}}%
4104   \begin{fullwidth}%
4105   \small%
4106   \parskip0pt%
4107   \parindent0pt%
4108   \let\item\@idxitem%
4109   \begin{multicols}{3}%
4110 }{%
4111   \end{multicols}%
4112   \end{fullwidth}%
4113 }
4114 \AtBeginDocument{%
4115   \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi2em}%
4116   \renewcommand\subitem{\par\hangindent \if@RTL-\fi3em\hspace*{1em}}%
4117   \renewcommand\subsubitem{\par\hangindent \if@RTL-\fi4em\hspace*{2em}}%
4118   \renewcommand\indexspace{\par\addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}\relax}%
4119   \newcommand{\lettergroup}[1]{}% swallow the letter heading in the index

```

7.24 bidituftehyperref.sty

```

4120 \NeedsTeXFormat{LaTeX2e}
4121 \ProvidesPackage{bidituftehyperref}[2011/06/18 v0.1
4122 bidi implementation of tufte hyperref]
4123 %%
4124 % Color
4125 \RequirePackage[usenames,dvipsnames,svgnames]{xcolor}%
4126 \newboolean{@bidituftehyperref@loadhyper}
4127 \setboolean{@bidituftehyperref@loadhyper}{true}
4128 \DeclareOption{hyper}{\setboolean{@bidituftehyperref@loadhyper}{true}}
4129 \DeclareOption{nohyper}{\setboolean{@bidituftehyperref@loadhyper}{false}}
4130 \ProcessOptions
4131 %% Loads the hyperref package and sets some default options.
4132 \newcommand{\bidituftehyperrefLoadHyperref}{%
4133 \RequirePackage[hyperfootnotes=false,colorlinks=true]{hyperref}
4134 \hypersetup{%
4135   bookmarksdepth = section,
4136   citecolor = DarkGreen,
4137   linkcolor = DarkBlue,
4138 %   pagecolor = DarkBlue,

```

```

4139     urlcolor = DarkGreen,
4140   }%
4141 }
4142 \ifthenelse{\boolean{@biditytfttehyperref@loadhyper}}{%
4143   \biditytfttehyperrefLoadHyperref%
4144 }{% hyperfootnotes override our modifications to the \footnote* and \@footnote* commands.
4145   \PassOptionsToPackage{hyperfootnotes=false}{hyperref}
4146 }

```

7.25 biditytftte.sty

```

4147 \NeedsTeXFormat{LaTeX2e}
4148 \ProvidesPackage{biditytftte}[2011/06/18 v0.1
4149 bidi implementation of tufte title]
4150 \RequirePackage{etoolbox}
4151 %%
4152 % `titlepage' option -- creates a full title page with \maketitle
4153 \newboolean{@biditytftte@titlepage}
4154 \DeclareOption{titlepage}{\setboolean{@biditytftte@titlepage}{true}}
4155 \DeclareOption{notitlepage}{\setboolean{@biditytftte@titlepage}{false}}
4156 % Default `book' and `handout' options
4157 \@ifclassloaded{book}{%
4158 \ExecuteOptions{titlepage}}{%
4159 \@ifclassloaded{article}{%
4160 \ExecuteOptions{notitlepage}}%
4161 {}}
4162 \ProcessOptions
4163 %%
4164 % Modified \title, \author, and \date commands. These store the
4165 % (footnote-less) values in \plaintitle, \plainauthor, and \thedata, respectively.
4166 \newcommand{\plaintitle}{}% plain-text-only title
4167 \newcommand{\plainauthor}{}% plain-text-only author
4168 \newcommand{\plainpublisher}{}% plain-text-only publisher
4169 \newcommand{\thanklesstitle}{}% full title text minus \thanks{}
4170 \newcommand{\thanklessauthor}{}% full author text minus \thanks{}
4171 \newcommand{\thanklesspublisher}{}% full publisher minus \thanks{}
4172 \newcommand{\@publisher}{}% full publisher with \thanks{}
4173 \newcommand{\thedata}{\today}
4174 \hopatch@AfterPackage{bidi}{%
4175 \renewcommand{\thanks}[1]{\footnote{#1}}
4176 \renewcommand{\LTRthanks}[1]{\LTRfootnote{#1}}
4177 \renewcommand{\RTLthanks}[1]{\RTLfootnote{#1}}
4178 }
4179 \renewcommand{\title}[2][]{%
4180 \gdef\@title{#2}%
4181 \begingroup%
4182 % TODO store contents of \thanks command
4183 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4184 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4185 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents

```

```

4186 \protected@xdef\thanklesstitle{#2}%
4187 \endgroup%
4188 \ifthenelse{\isempty{#1}}%
4189 {\renewcommand{\plaintitle}{\thanklesstitle}}% use thankless title
4190 {\renewcommand{\plaintitle}{#1}}% use provided plain-text title
4191 \@ifundefined{hypersetup}%
4192 {}% hyperref is not loaded; do nothing
4193 {\hypersetup{pdftitle={\plaintitle}}}% set the PDF metadata title
4194 }
4195 \let\@author\@empty% suppress default latex.ltx ``no author'' warning
4196 \renewcommand{\author}[2][{}]{%
4197 \ifthenelse{\isempty{#2}}{\gdef\@author{#2}}%
4198 \begingroup%
4199 % TODO store contents of \thanks command
4200 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4201 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4202 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4203 \protected@xdef\thanklessauthor{#2}%
4204 \endgroup%
4205 \ifthenelse{\isempty{#1}}%
4206 {\renewcommand{\plainauthor}{\thanklessauthor}}% use thankless author
4207 {\renewcommand{\plainauthor}{#1}}% use provided plain-text author
4208 \@ifundefined{hypersetup}%
4209 {}% hyperref is not loaded; do nothing
4210 {\hypersetup{pdfauthor={\plainauthor}}}% set the PDF metadata author
4211 }
4212 \renewcommand{\date}[1]{%
4213 \gdef\@date{#1}%
4214 \begingroup%
4215 % TODO store contents of \thanks command
4216 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4217 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4218 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4219 \protected@xdef\thedate{#1}%
4220 \endgroup%
4221 }
4222 %%
4223 % Provides a \publisher command to set the publisher
4224 \newcommand{\publisher}[2][{}]{%
4225 \gdef\@publisher{#2}%
4226 \begingroup%
4227 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4228 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4229 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4230 \protected@xdef\thanklesspublisher{#2}%
4231 \endgroup%
4232 \ifthenelse{\isempty{#1}}%
4233 {\renewcommand{\plainpublisher}{\thanklesspublisher}}% use thankless publisher
4234 {\renewcommand{\plainpublisher}{#1}}% use provided plain-text publisher
4235 }

```

```

4236 %%
4237 % Produces a full title page
4238 \newcommand{\maketitlepage}[0]{%
4239   \cleardoublepage%
4240   {%
4241     \bfseries%
4242     \begin{fullwidth}%
4243       \fontsize{18}{20}\selectfont\par\noindent\thanklessauthor%
4244       \vspace{11.5pc}%
4245       \fontsize{36}{40}\selectfont\par\noindent\thanklesstitle%
4246       \vfill%
4247       \fontsize{14}{16}\selectfont\par\noindent\thanklesspublisher%
4248     \end{fullwidth}%
4249   }
4250   \thispagestyle{empty}%
4251   \clearpage%
4252 }
4253 %%
4254 % Title block
4255 \AfterEndPreamble{%
4256 \renewcommand{\maketitle}{%
4257   \newpage%
4258   \global\@topnum\z@% prevent floats from being placed at the top of the page
4259   \begin{group}%
4260     \setlength{\parindent}{0pt}%
4261     \setlength{\parskip}{4pt}%
4262     \let\@title\@empty%
4263     \let\@author\@empty%
4264     \let\@date\@empty%
4265     \gdef\@title{\LARGE\itshape\@title\par}%
4266     \gdef\@author{\Large\itshape\@author\par}%
4267     \gdef\@date{\Large\itshape\@date\par}%
4268     \@title%
4269     \@author%
4270     \@date%
4271   \end{group}%
4272   \thispagestyle{plain}% suppress the running head
4273 }%
4274 }
4275 %%
4276 % Title page (if the `titlepage' option was passed to the bibtex title-handout
4277 % class.)
4278 \AfterEndPreamble{%
4279 \ifthenelse{\boolean{@bibtex title@titlepage}}
4280   {\renewcommand{\maketitle}{\maketitlepage}}
4281   {}
4282 }
4283 %%
4284 % When \cleardoublepage is called, produce a blank (empty) page -- i.e.,
4285 % without headers and footers

```

```

4286 \def\cleardoublepage{\clearpage\if@twoside\ifodd\c@page\else
4287   \hbox{}
4288   %\vspace*{\fill}
4289   %\begin{center}
4290   % This page intentionally contains only this sentence.
4291   %\end{center}
4292   %\vspace{\fill}
4293   \thispagestyle{empty}
4294   \newpage
4295   \if@twocolumn\hbox{}\newpage\fi\fi\fi}

```

7.26 bidentufte-handout.cls

```

4296 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4297 \ProvidesClass{bidentufte-handout}[2011/06/18 v0.1 bidentufte-handout class]
4298 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
4299 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftefloat}}
4300 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetoc}}
4301 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftehyperref}}
4302 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetitle}}
4303 \ProcessOptions\relax
4304 \LoadClass{article}
4305 \RequirePackage{bidentuftefloat}
4306 \RequirePackage{bidentuftesidenote}
4307 \RequirePackage{bidentuftetoc}
4308 \RequirePackage{bidentuftegeneralstructure}
4309 \RequirePackage{bidentuftehyperref}
4310 \RequirePackage{bidentuftetitle}
4311 \renewenvironment{abstract}
4312   {\begin{quotation}}
4313   {\end{quotation}}
4314 \AtBeginDocument{%
4315   \IfFileExists{bidentufte-handout.cfg}
4316     {\input{bidentufte-handout.cfg}}
4317     \ClassInfo{bidentufte-handout}{Loading bidentufte-handout configuration file \@gobble}}
4318   {}%
4319 }

```

7.27 bidentufte-book.cls

```

4320 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4321 \ProvidesClass{bidentufte-book}[2011/06/18 v0.1 bidentufte-book class]
4322 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
4323 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftefloat}}
4324 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetoc}}
4325 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftehyperref}}
4326 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidentuftetitle}}
4327 \ProcessOptions\relax
4328 \LoadClass{book}
4329 \RequirePackage{bidentuftefloat}
4330 \RequirePackage{bidentuftesidenote}

```

```

4331 \RequirePackage{bidiuftetoc}
4332 \RequirePackage{bidiuftegeneralstructure}
4333 \RequirePackage{bidiuftehyperref}
4334 \RequirePackage{bidiuftetitle}
4335 %%
4336 % Set up any book-specific stuff now
4337 %%
4338 % The front matter in Tufte's /Beautiful Evidence/ contains everything up
4339 % to the opening page of Chapter 1. The running heads, when they appear,
4340 % contain only the (arabic) page number in the outside corner.
4341 %\newif\if@mainmatter \@mainmattertrue
4342 \renewcommand\frontmatter{%
4343   \cleardoublepage%
4344   \@mainmatterfalse%
4345   \pagenumbering{arabic}%
4346   %\pagestyle{plain}%
4347   \fancyhf{}%
4348   \ifthenelse{\boolean{@bidiuftefloat@twoside}}{%
4349     {\fancyhead[LE,R0]{\thepage}}%
4350     {\fancyhead[RE,R0]{\thepage}}%
4351 }
4352 %%
4353 % The main matter in Tufte's /Beautiful Evidence/ doesn't restart the page
4354 % numbering---it continues where it left off in the front matter.
4355 \renewcommand\mainmatter{%
4356   \cleardoublepage%
4357   \@mainmattertrue%
4358   \fancyhf{}%
4359   \ifthenelse{\boolean{@bidiuftefloat@twoside}}{%
4360     {\renewcommand{\chaptermark}[1]{\markboth{##1}{}}}%
4361     {\fancyhead[LE]{\thepage\quad\smallcaps{\newlinetospace{\plaintitle}}}% book title
4362     {\fancyhead[R0]{\smallcaps{\newlinetospace{\leftmark}}\quad\thepage}% chapter title
4363     {\fancyhead[RE,R0]{\smallcaps{\newlinetospace{\plaintitle}}\quad\thepage}}% book title
4364 }
4365 %%
4366 % The back matter contains appendices, indices, glossaries, endnotes,
4367 % bibliographies, list of contributors, illustration credits, etc.
4368 \renewcommand\backmatter{%
4369   \if@openright%
4370     \cleardoublepage%
4371   \else%
4372     \clearpage%
4373   \fi%
4374   \@mainmatterfalse%
4375 }
4376 %%
4377 % Only show the chapter titles in the table of contents
4378 \setcounter{tocdepth}{0}
4379 \AtBeginDocument{%
4380 \IfFileExists{bidiufte-book.cfg}

```

```

4381 {\input{biditufte-book.cfg}
4382 \ClassInfo{biditufte-book}{Loading biditufte-book configuration file \@gobble}}
4383 {}%
4384 }

```

7.28 bidipoem.sty

```

4385 \NeedsTeXFormat{LaTeX2e}
4386 \ProvidesPackage{bidipoem}%
4387 [2012/12/12 v0.4 Environments for typesetting Persian traditional and modern poems]
4388 \def\poemcolsepskip{.1\versewidth plus .1\versewidth minus .05\versewidth}
4389 \def\poemmarginskip{1em plus 1fil minus 1em}
4390 \def\poemextrabaseskip{0\baselineskip}
4391 \def\poemskip{\medskip}
4392 \newcommand{\bidipoem@openbox}{\leavevmode
4393   \hbox to.77778em{%
4394     \hfil\vrule
4395     \vbox to.675em{\hrule width.6em\vfil\hrule}%
4396     \vrule\hfil}}
4397 \def\poemblocksep{\quad\hbox{\bidipoem@openbox}}
4398 \newdimen\versewidth
4399 \newtoks\bidipoem@p@ftn
4400 \def\poem@verse#1{%
4401   \ifdim\wd#1>\new@poem@width
4402     \xdef\new@poem@width{\the\wd#1}%
4403   \ifdim\new@poem@width>\poem@width
4404     \xdef\poem@width{\new@poem@width}%
4405   \global\let\poem@needrun\relax
4406   \fi
4407   \fi
4408   \hbox to\poem@width{\unhbox#1}%
4409   \global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn%
4410 }
4411 \def\poem@linebegin{\vadjust{}}\hskip\@flushglue\hskip\poemmarginskip\relax}
4412 \def\poem@lineend{\nobreak\hskip\poemmarginskip\hskip\@flushglue\vadjust{}}
4413 \def\poem@lineversesep{%
4414   \nobreak
4415   \hskip\z@ plus 1filll%
4416   \penalty600%
4417   \hskip\poemcolsepskip
4418   \hskip\z@ plus -2filll%
4419   \vadjust{}}%
4420 \nobreak
4421 \hskip\z@ plus 1filll%
4422 }
4423 \def\poem@lineparsebegin{%
4424   \halign\bgroup
4425   \global\setbox\verse@i=\hbox{%
4426     \let\@footnotetext\bidipoem@p@ftntext%
4427     \let\@LTRfootnotetext\bidipoem@p@LTRftntext%

```

```

4428 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4429 \let\@xfootnotenext\bidipoem@p@xftntext%
4430 \let\@xfootnote\bidipoem@p@xfootnote%
4431 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4432 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4433 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4434 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4435 \ignorespaces##\unskip}&&
4436 \global\setbox\verse@ii=\hbox{%
4437 \let\@footnotetext\bidipoem@p@ftntext%
4438 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4439 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4440 \let\@xfootnotenext\bidipoem@p@xftntext%
4441 \let\@xfootnote\bidipoem@p@xfootnote%
4442 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4443 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4444 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4445 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4446 \ignorespaces##\unskip}
4447 \cr
4448 }
4449 \def\poem@lineparseend{%
4450 \crr\egroup
4451 \vskip-\baselineskip
4452 }
4453 \def\oldpoem@cr{%
4454 \cr\poem@line
4455 }
4456 \newbox\verse@i
4457 \newbox\verse@ii
4458 \newif\ifpoem@started
4459
4460 \def\poem@line{%
4461 \poem@lineparseend
4462 \ifdim\wd\verse@i>\z@\global\poem@startedtrue\fi
4463 \ifdim\wd\verse@ii>\z@\global\poem@startedtrue\fi
4464 \ifpoem@started
4465 \ifdim\wd\verse@ii>\z@\else
4466 \nopagebreak[3]
4467 \fi
4468 \leavevmode
4469 \poem@linebegin
4470 \poem@verse\verse@i
4471 \ifdim\wd\verse@ii>\z@
4472 \poem@lineversesep
4473 \poem@verse\verse@ii
4474 \fi
4475 \poem@lineend
4476 \nopagebreak
4477 \endgraf

```

```

4478 \vskip\poemextrabaselineskip
4479 \fi
4480 \poem@lineparsebegin
4481 }
4482 \def\@traditionalpoem{%
4483 \stepcounter{poem@no}
4484 \ifnum\max@poem@no<\number\c@poem@no%
4485 \xdef\poem@width{\z@}%
4486 \else
4487 \xdef\poem@width{\poem@prop{poem@width}}%
4488 \fi
4489 \xdef\new@poem@width{\z@}%
4490 \global\versewidth=\poem@width
4491 \poemskip\leavevmode\par
4492 \begingroup
4493 \tabskip=\z@
4494 \parskip=\z@
4495 \parindent=\z@
4496 \parfillskip=\z@
4497 \rightskip=\z@
4498 \leftskip=\z@
4499 \widowpenalty=10000% No break between verses of the same line.
4500 \clubpenalty=10000% Same as above. Not really needed.
4501 \def\newblock{\hfil\poemblocksep\hfil\null}%
4502 \def\par{\oldpoem@cr}% Redefine \par for possible \obeylines
4503 \def\{\{\global\poem@startedtrue\oldpoem@cr}%
4504 \global\poem@startedfalse
4505 \csname poem@obeylines\endcsname
4506 \let\poem@obeylines\relax
4507 \poem@lineparsebegin
4508 }
4509 \def\@endtraditionalpoem{%
4510 \cr
4511 \ifdim\wd\verse@i>\z@\poem@line\else\ifdim\wd\verse@ii>\z@\poem@line\else
4512 \noalign{%
4513 \skip0=\poemextrabaselineskip
4514 \vskip-\skip0
4515 \vskip-\baselineskip
4516 }%
4517 \fi\fi
4518 \poem@lineparseend
4519 \endgroup
4520 \par
4521 \vskip\baselineskip
4522 \poemskip
4523 \ifdim\new@poem@width<\poem@width
4524 \global\let\poem@needrun\relax
4525 \fi
4526 \poem@write@aux{poem@width@\romannumeral\c@poem@no}{\new@poem@width}%
4527 \ifx\AtEndDocument\undefined\poem@finish\fi

```

```

4528 }
4529
4530
4531 \long\def\bidipoem@p@ftntext#1{%
4532   \edef\@temp{x{\the\bidipoem@p@ftn\noexpand\footnotetext[\the\csname c@\mpfn\endcsname]}}%
4533   \global\bidipoem@p@ftn\expandafter{\@temp{x{#1}}}%
4534 \long\def\bidipoem@p@LTRftntext#1{%
4535   \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\LTRfootnotetext[\the\csname c@\mpfn\endcsname]}}%
4536   \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4537 \long\def\bidipoem@p@RTLftntext#1{%
4538   \edef\@tempxii{\the\bidipoem@p@ftn\noexpand\RTLfootnotetext[\the\csname c@\mpfn\endcsname]}}%
4539   \global\bidipoem@p@ftn\expandafter{\@tempxii{#1}}}%
4540
4541 \long\def\bidipoem@p@xftntext[#1]#2{%
4542   \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\footnotetext[#1]{#2}}}
4543
4544 \long\def\bidipoem@p@xLTRftntext[#1]#2{%
4545   \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\LTRfootnotetext[#1]{#2}}}
4546
4547 \long\def\bidipoem@p@xRTLftntext[#1]#2{%
4548   \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\RTLfootnotetext[#1]{#2}}}
4549
4550 \def\bidipoem@p@xfootnote[#1]{%
4551   \begingroup
4552     \csname c@\mpfn\endcsname #1\relax
4553     \unrestored@protected@xdef\@thefnmark{\thempfn}%
4554   \endgroup
4555   \@footnotemark\bidipoem@p@xftntext[#1]}
4556
4557 \def\bidipoem@p@xLTRfootnote[#1]{%
4558   \begingroup
4559     \csname c@\mpfn\endcsname #1\relax
4560     \unrestored@protected@xdef\@thefnmark{\thempfn}%
4561   \endgroup
4562   \@footnotemark\bidipoem@p@xLTRftntext[#1]}
4563
4564 \def\bidipoem@p@xRTLfootnote[#1]{%
4565   \begingroup
4566     \csname c@\mpfn\endcsname #1\relax
4567     \unrestored@protected@xdef\@thefnmark{\thempfn}%
4568   \endgroup
4569   \@footnotemark\bidipoem@p@xRTLftntext[#1]}
4570
4571
4572
4573 \newenvironment{traditionalpoem}{\@traditionalpoem}{\@endtraditionalpoem}
4574 \expandafter\def\csname traditionalpoem*\endcsname{\let\poem@obeylines=\obeylines\traditionalp
4575 \expandafter\def\csname endtraditionalpoem*\endcsname{\endtraditionalpoem}
4576 \def\poem@finish{%
4577 \poem@write@aux{max@poem@no}{\number\c@poem@no}%

```

```

4578 \ifx\poem@needrun\relax
4579 \PackageWarning{bidipoem}{Unjustified poem. Rerun XeLaTeX to get poem right}%
4580 \global\let\poem@needrun\undefined
4581 \fi
4582 }
4583 \ifx\AtEndDocument\undefined\else\AtEndDocument\poem@finish\fi
4584 \newcounter{poem@no}\setcounter{poem@no}{\z@}
4585 \ifx\max@poem@no\undefined
4586     \def\max@poem@no{0}%
4587 \fi
4588 \newcommand{\poem@prop}[1]{\@nameuse{#1@\romannumeral\c@poem@no}}
4589 \newcommand{\poem@write@aux}[2]{%
4590     \def\@x{\immediate\write\@auxout{\global\noexpand\@namedef{#1}{#2}}}%
4591     \@x
4592 }
4593 \def\@modernpoem{%
4594 \par
4595 \begingroup
4596 \parskip=\z@
4597 \parindent=\z@
4598 \def\[{ \@settab\@tabplus\ignorespaces}%
4599 \def\]\@tabminus\ignorespaces}%
4600 \def\newblock{\poemblocksep}%
4601 \let\newpoem@tabcr\@tabcr
4602 \def\par{% Redefine \par for possible \obeylines
4603     \ifpoem@started\else
4604         \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4605             \@stopfield
4606             \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4607             \@contfield
4608         \fi
4609     \fi
4610     \ifpoem@started\newpoem@tabcr\fi}%
4611 \def\@tabcr{\global\poem@startedtrue\newpoem@tabcr}%
4612 \global\poem@startedfalse
4613 \csname poem@obeylines\endcsname
4614 \let\poem@obeylines\relax
4615 \begin{tabbing}%
4616 }
4617 \def\@endmodernpoem{%
4618 \global\poem@startedfalse
4619 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4620     \@stopfield
4621     \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4622     \@contfield
4623 \fi
4624 \ifpoem@started\else\let\@stopline\@stopfield\fi
4625 \end{tabbing}%
4626 \endgroup
4627 \par

```

```

4628 }
4629 \newenvironment{modernpoem}{\@modernpoem}{\@endmodernpoem}
4630 \expandafter\def\csname modernpoem*\endcsname{\let\poem@obeylines=\obeylines\modernpoem}
4631 \expandafter\def\csname endmodernpoem*\endcsname{\endmodernpoem}
4632 \gdef\@startfield{%
4633 \global\setbox\@curfield\hbox\bgroup%
4634 \let\@footnotetext\bidipoem@p@ftntext%
4635 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4636 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4637 \let\@xfootnotenext\bidipoem@p@xftntext%
4638 \let\@xfootnote\bidipoem@p@xfootnote%
4639 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4640 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4641 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4642 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4643 \color@begingroup}
4644 \gdef\@stopfield{%
4645 \color@endgroup\egroup\global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn}
4646 \gdef\@contfield{%
4647 \global\setbox\@curfield\hbox\bgroup%
4648 \let\@footnotetext\bidipoem@p@ftntext%
4649 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4650 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4651 \let\@xfootnotenext\bidipoem@p@xftntext%
4652 \let\@xfootnote\bidipoem@p@xfootnote%
4653 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4654 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4655 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4656 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4657 \color@begingroup\unhbox\@curfield}

```

7.29 bidipresentation.cls

```

4658 \NeedsTeXFormat{LaTeX2e}
4659 \ProvidesClass{bidipresentation}
4660 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
4661 \ProcessOptions\relax
4662 \LoadClass{article}
4663
4664 \RequirePackage[foot=10.2pt,head=0pt,paperwidth=128mm,paperheight=96mm,left=5mm,top=5mm,right=5mm]{geometry}
4665
4666 \RequirePackage{fancyhdr}
4667 \renewcommand{\headrulewidth}{0mm}
4668
4669 \renewcommand{\maketitle}{%
4670 {\ClassError{bidipresentation}{Caution: ``maketitle'' command not supported}%
4671 {Please use ``titlepage'' environment instead}}%
4672 }
4673
4674 \fancypagestyle{pres}{%

```

```

4675 \fancyhf{}%
4676 \fancyfoot[R0,LE]{\footnotesize \thepage}%
4677 }
4678
4679 \pagestyle{pres}
4680
4681 \newcommand{\distance}[1]{\vspace*{\stretch{#1}}}
4682 \newcommand{\abstand}[1]{\vspace*{\stretch{#1}}}
4683
4684 \setlength{\parskip}{0.6ex}
4685 \setlength{\parindent}{0mm}
4686
4687 \newenvironment{plainslide}[1][ ]%
4688   {{\raggedleft \large\bfseries #1\par}\par\vspace*{\stretch{1}}}%
4689   {\par\vspace*{\stretch{1}}\newpage}
4690
4691 \newenvironment{rawslide}{}{\newpage}%
4692
4693 \def\itemize{%
4694   \ifnum \@itemdepth >\thr@@\toodeep\else
4695     \advance\@itemdepth\@ne
4696     \edef\@itemitem{labelitem\romannumeral\the\@itemdepth}%
4697     \expandafter
4698     \list
4699       \csname\@itemitem\endcsname
4700       {\def\makelabel##1{\hss\llap{##1}}}%
4701   \fi
4702   \setlength{\itemsep}{0ex}%
4703   \setlength{\parskip}{0.1ex}%
4704   \setlength{\parsep}{0ex}%
4705   }%
4706 \let\enditemize =\endlist
4707
4708 \def\enumerate{%
4709   \ifnum \@enumdepth >\thr@@\toodeep\else
4710     \advance\@enumdepth\@ne
4711     \edef\@enumctr{enum\romannumeral\the\@enumdepth}%
4712     \expandafter
4713     \list
4714       \csname label\@enumctr\endcsname
4715       {\usecounter\@enumctr\def\makelabel##1{\hss\llap{##1}}}%
4716   \fi
4717   \setlength{\itemsep}{0ex}%
4718   \setlength{\parskip}{0.1ex}%
4719   \setlength{\parsep}{0ex}%
4720   }%
4721 \let\endenumerate =\endlist
4722
4723 \renewenvironment{description}
4724   {\list{}{\labelwidth\z@ \itemindent-\leftmargin

```

```

4725             \let\makelabel\descriptionlabel}
4726 \setlength{\itemsep}{0ex}%
4727     \setlength{\parskip}{0.1ex}%
4728     \setlength{\parsep}{0ex}}
4729         {\endlist}

```

7.30 boek3-xetex-bidi.def

```

4730 \ProvidesFile{boek3-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek3 class for XeTeX et
4731 \renewenvironment{theindex}{%
4732     \if@twocolumn
4733         \@restonecolfalse
4734     \else
4735         \@restonecoltrue
4736     \fi
4737     \columnseprule \z@
4738     \columnsep 35\p@
4739     \twocolumn[\@makeschapterhead{\indexname}]%
4740     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
4741     \thispagestyle{plain}\parindent\z@
4742     \parskip\z@ \@plus .3\p@\relax
4743     \let\item\@idxitem
4744     }{%
4745     \if@restonecol\onecolumn\else\clearpage\fi}
4746 \renewcommand*{\head@style}{%
4747     \interlinepenalty \@M
4748     \hyphenpenalty=\@M \exhyphenpenalty=\@M
4749     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4750 \renewcommand*{\regtocline}[3]{%
4751     \ifnum #1>\c@tocdepth
4752     \else
4753         \vskip\z@ \@plus.2\p@
4754         {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
4755         \if@RTL\rightskip\else\leftskip\fi\unitindent
4756         \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
4757         \parfillskip\z@
4758         \@tempdima\unitindent
4759         \parindent\z@
4760         \leavevmode
4761         \hbox{ }\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
4762         \hskip 1em \nobreak{\slshape #3}\par
4763         }%
4764     \fi}
4765 \if@oldtoc
4766 \renewcommand*{\l@part}[2]{%
4767     \ifnum \c@tocdepth >-2\relax
4768         \addpenalty{-\@highpenalty}%
4769         \addvspace{2.25em \@plus\p@}%
4770         \begingroup
4771         \setlength{\tempdima}{3em}%

```

```

4772 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4773 \parfillskip -\@pnumwidth
4774 {\leavevmode
4775 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
4776 \nobreak
4777 \global\@nobreaktrue
4778 \everypar{\global\@nobreakfalse\everypar{}}%
4779 \endgroup
4780 \fi}
4781 \else
4782 \renewcommand*\l@part{%
4783 \ifnum \c@tocdepth >-2\relax
4784 \addpenalty{-\@highpenalty}%
4785 \addvspace{2.25em \@plus \p@}%
4786 \@regtocline{0}%
4787 \fi}
4788 \fi
4789 \if@oldtoc
4790 \renewcommand*\l@chapter[2]{%
4791 \addpenalty{-\@highpenalty}%
4792 \vskip 1.0em \@plus \p@
4793 \setlength\@tempdima{1.5em}%
4794 \begingroup
4795 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4796 \parfillskip -\@pnumwidth
4797 \leavevmode \bfseries
4798 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
4799 \hskip -\if@RTL\rightskip\else\leftskip\fi
4800 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
4801 \penalty\@highpenalty
4802 \endgroup}
4803 \else
4804 \renewcommand*\l@chapter{\@regtocline{0}}
4805 \fi
4806 \renewenvironment{abstract}{%
4807 \titlepage
4808 \null\vfil
4809 \section*{\SectFont \abstractname}
4810 \noindent\ignorespaces}
4811 {\par\vfil\null\endtitlepage}
4812 \renewenvironment{thebibliography}[1]
4813 {\chapter*{\bibname}%
4814 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
4815 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
4816 \list{\@biblabel{\@arabic\c@enumiv}}%
4817 {\settowidth\labelwidth{\@biblabel{#1}}%
4818 \leftmargin\labelwidth
4819 \advance\leftmargin\labelsep
4820 \@openbib@code
4821 \usecounter{enumiv}}%

```

```

4822         \let\p@enumiv\@empty
4823         \renewcommand*\theenumiv{\@arabic\c@enumiv}}}%
4824         \sloppy\clubpenalty4000\widowpenalty4000%
4825         \sfcode`\.\@m}
4826     {\def\@noitemerr
4827      {\@latex@warning{Empty `thebibliography' environment}}}%
4828     \endlist}
4829 \renewcommand*\left@footnoterule{%
4830  \kern-3\p@
4831  \kern.5\baselineskip
4832  \hrule\@width\unitindent
4833  \kern.4\baselineskip
4834  }
4835 \renewcommand*\right@footnoterule{%
4836  \hbox to \columnwidth
4837   {\beginR \vbox{%
4838    \kern-3\p@
4839    \kern.5\baselineskip
4840    \hrule\@width\unitindent
4841    \kern.4\baselineskip}\hfil\endR}
4842  }
4843 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
4844 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
4845 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
4846 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
4847 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
4848 \renewcommand*\theequation{%
4849  \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
4850 \renewcommand*\thefigure{%
4851  \ifnum \c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
4852 \renewcommand*\thetable{%
4853  \ifnum \c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
4854 \renewcommand*\maketitle{%
4855  \begin{titlepage}%
4856    \let\footnotesize\small
4857    \let\right@footnoterule\relax
4858    \let\left@footnoterule\relax
4859    \let\textwidth\footnoterule\relax
4860    \let \footnote \thanks
4861    \long\def\@makefnmark##1{\parindent\z@
4862      \def\labelitemi{\textendash}\@revlabeltrue
4863      \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
4864    \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
4865    \if@compatibility\setcounter{page}{0}\fi
4866    \null\vfil
4867    \vskip 60\p@
4868    \begin{center}%
4869      \TitleFont
4870      {\LARGE \def\\{\penalty -\@M}
4871       \if@allcaps

```

```

4872         \expandafter\uc@nothanks\@title\thanks\relax
4873     \else
4874         \@title
4875     \fi\par}%
4876 \vskip 3em%
4877 {\large
4878 \lineskip .75em \parindent\z@
4879 \begin{tabular}[t]{c}%
4880     \if@allcaps
4881         \expandafter\uc@authornothanks\@author\and\relax
4882     \else
4883         \@author
4884     \fi
4885 \end{tabular}\par}%
4886 \vskip 1.5em%
4887 {\large
4888     \if@allcaps
4889         \uppercase\expandafter{\@date}%
4890     \else
4891         \@date
4892     \fi\par}%
4893 \end{center}\par
4894 \@thanks
4895 \vfil\null
4896 \end{titlepage}%
4897 \setcounter{footnote}{0}%
4898 \global\let\thanks\relax
4899 \global\let\maketitle\relax
4900 \global\let\@thanks\@empty
4901 \global\let\@author\@empty
4902 \global\let\@title\@empty
4903 \global\let\@date\@empty
4904 \global\let\title\relax
4905 \global\let\author\relax
4906 \global\let\date\relax
4907 \global\let\and\relax
4908 }

```

7.31 boek-xetex-bidi.def

```

4909 \ProvidesFile{boek-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek class for XeTeX eng
4910 \renewenvironment{theindex}{%
4911     \if@twocolumn
4912         \@restonecolfalse
4913     \else
4914         \@restonecoltrue
4915     \fi
4916     \columnseprule \z@
4917     \columnsep 35\p@
4918     \twocolumn[\@makeschapterhead{\indexname}]%

```

```

4919 \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
4920 \thispagestyle{plain}\parindent\z@
4921 \parskip\z@ \@plus .3\p@\relax
4922 \let\item\@idxitem
4923 }{%
4924 \if@restonecol\onecolumn\else\clearpage\fi}
4925 \renewcommand*\head@style{%
4926   \interlinepenalty \@M
4927   \hyphenpenalty=\@M \exhyphenpenalty=\@M
4928   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4929 \renewcommand*\@regtocline[3]{%
4930   \ifnum #1>\c@tocdepth
4931   \else
4932     \vskip\z@ \@plus .2\p@
4933     {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
4934     \if@RTL\rightskip\else\leftskip\fi\unitindent
4935     \if@RTL\leftskip\else\rightskip\fi\unitindent \@plus 1fil
4936     \parfillskip\z@
4937     \@tempdima\unitindent
4938     \parindent\z@
4939     \leavevmode
4940     \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
4941     \hskip 1em \nobreak{\slshape #3}\par
4942   }%
4943   \fi}
4944 \if@oldtoc
4945 \renewcommand*\l@part[2]{%
4946   \ifnum \c@tocdepth >-2\relax
4947     \addpenalty{-\@highpenalty}%
4948     \addvspace{2.25em \@plus\p@}%
4949     \begingroup
4950       \setlength\@tempdima{3em}%
4951       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4952       \parfillskip -\@pnumwidth
4953       {\leavevmode
4954         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
4955         \nobreak
4956         \global\@nobreaktrue
4957         \everypar{\global\@nobreakfalse\everypar{}}%
4958       \endgroup
4959   \fi}
4960 \else
4961   \renewcommand*\l@part{%
4962     \ifnum \c@tocdepth >-2\relax
4963       \addpenalty{-\@highpenalty}%
4964       \addvspace{2.25em \@plus \p@}%
4965       \@regtocline{0}%
4966     \fi}
4967 \fi
4968 \if@oldtoc

```

```

4969 \renewcommand*\l@chapter[2]{%
4970     \addpenalty{-\@highpenalty}%
4971     \vskip 1.0em \@plus\p@
4972     \setlength\@tempdima{1.5em}%
4973     \begingroup
4974     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4975     \parfillskip -\@pnumwidth
4976     \leavevmode \bfseries
4977     \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
4978     \hskip -\if@RTL\rightskip\else\leftskip\fi
4979     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
4980     \penalty\@highpenalty
4981     \endgroup}
4982 \else
4983     \renewcommand*\l@chapter{\@regtocline{0}}
4984 \fi
4985 \renewcommand*\left@footnoterule{%
4986     \kern-3\p@
4987     \kern.5\baselineskip
4988     \hrule\@width\unitindent
4989     \kern.4\baselineskip
4990 }
4991 \renewcommand*\right@footnoterule{%
4992     \hbox to \columnwidth
4993     {\beginR \vbox{%
4994         \kern-3\p@
4995         \kern.5\baselineskip
4996         \hrule\@width\unitindent
4997         \kern.4\baselineskip}\hfil\endR}
4998 }
4999 \renewenvironment{abstract}{%
5000     \titlepage
5001     \null\vfil
5002     \section*{\SectFont \abstractname}
5003     \noindent\ignorespaces
5004     {\par\vfil\null\endtitlepage}
5005 \renewenvironment{thebibliography}[1]
5006     {\chapter*{\bibname}%
5007         \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
5008     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
5009     \list{\@biblabel{\@arabic\c@enumiv}}%
5010         {\settowidth\labelwidth{\@biblabel{#1}}%
5011         \leftmargin\labelwidth
5012         \advance\leftmargin\labelsep
5013         \@openbib@code
5014         \usecounter{enumiv}%
5015         \let\p@enumiv\@empty
5016         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
5017     \sloppy\clubpenalty4000\widowpenalty4000%
5018     \sfcode`\.\@m}

```

```

5019      {\def\@noitemerr
5020        {\@latex@warning{Empty `thebibliography' environment}}}%
5021      \endlist}
5022 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
5023 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
5024 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
5025 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
5026 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
5027 \renewcommand*\theequation{%
5028   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
5029 \renewcommand*\thefigure{%
5030   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
5031 \renewcommand*\thetable{%
5032   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
5033 \renewcommand*\maketitle{%
5034   \begin{titlepage}%
5035     \let\footnotesize\small
5036     \let\right@footnoterule\relax
5037     \let\left@footnoterule\relax
5038     \let\textwidth\footnoterule\relax
5039     \let \footnote \thanks
5040     \long\def\@makefnmark##1{\parindent\z@
5041       \def\labelitemi{\textendash}\@revlabeltrue
5042       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
5043     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
5044     \if@compatibility\setcounter{page}{0}\fi
5045     \null\vfil
5046     \vskip 60\p@
5047     \begin{center}%
5048       \TitleFont
5049       {\LARGE \def\\{\penalty -\@M}
5050         \if@allcaps
5051           \expandafter\uc@nothanks\@title\thanks\relax
5052         \else
5053           \@title
5054           \fi\par}%
5055       \vskip 3em%
5056       {\large
5057         \lineskip .75em \parindent\z@
5058         \begin{tabular}[t]{c}%
5059           \if@allcaps
5060             \expandafter\uc@authornothanks\@author\and\relax
5061           \else
5062             \@author
5063           \fi
5064           \end{tabular}\par}%
5065       \vskip 1.5em%
5066       {\large
5067         \if@allcaps
5068           \uppercase\expandafter{\@date}%

```

```

5069         \else
5070             \@date
5071         \fi\par}%
5072     \end{center}\par
5073     \@thanks
5074     \vfil\null
5075 \end{titlepage}%
5076 \setcounter{footnote}{0}%
5077 \global\let\thanks\relax
5078 \global\let\maketitle\relax
5079 \global\let\@thanks\@empty
5080 \global\let\@author\@empty
5081 \global\let\@title\@empty
5082 \global\let\@date\@empty
5083 \global\let\title\relax
5084 \global\let\author\relax
5085 \global\let\date\relax
5086 \global\let\and\relax
5087 }

```

7.32 bookest-xetex-bidi.def

```

5088 \ProvidesFile{bookest-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for bookest class for XeT
5089 \def\@makechapterhead#1{%
5090     \vspace*{20\p@}
5091     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5092         \ifnum \c@secnumdepth >\m@ne
5093             \if@mainmatter
5094                 {\colorA\huge\scshape \@chapapp\space \thechapter}
5095                 \par\nobreak
5096                 \vskip 10\p@
5097             \fi
5098             \fi
5099             \interlinepenalty\@M
5100             {\colorB\hrule}
5101             \vskip 15\p@
5102             \if@RTL\begin{flushleft}\else\begin{flushright}\fi
5103                 {\colorA\Huge \bfseries #1}\par\nobreak
5104             \if@RTL\end{flushleft}\else\end{flushright}\fi
5105             \vskip 5\p@
5106             {\colorB\hrule}
5107             \vskip 30\p@
5108         }}
5109 \def\@makeschapterhead#1{%
5110     \vspace*{20\p@}
5111     {\parindent \z@ \raggedright \normalfont
5112         {\colorB\hrule}
5113         \vskip 15\p@
5114         \begin{center}
5115             {\colorA\Huge \bfseries #1}\par\nobreak

```

```

5116 \end{center}
5117 \vskip 5\p@
5118 {\colorB\hrule}
5119 \vskip 30\p@
5120 }}

```

7-33 book-xetex-bidi.def

```

5121 \ProvidesFile{book-xetex-bidi.def}[2011/08/26 v0.8 bidi adaptations for standard book class for L
5122 \renewenvironment{theindex}
5123     {\if@twocolumn
5124       \@restonecolfalse
5125       \else
5126       \@restonecoltrue
5127       \fi
5128       \columnseprule \z@
5129       \columnsep 35\p@
5130       \twocolumn[\@makeschapterhead{\indexname}]{%
5131         \@mkboth{\MakeUppercase\indexname}{%
5132           {\MakeUppercase\indexname}%
5133           \thispagestyle{plain}\parindent\z@
5134           \parskip\z@ \@plus .3\p@\relax
5135           \let\item\@idxitem}
5136         {\if@restonecol\onecolumn\else\clearpage\fi}
5137 \@@ifclassloaded{bookest}{\}{%
5138   \if@titlepage
5139     \renewcommand\maketitle{\begin{titlepage}%
5140       \let\footnotesize\small
5141       \let\right@footnoterule\relax
5142       \let\left@footnoterule\relax
5143       \let\textwidth\footnoterule\relax
5144       \let \footnote \thanks
5145       \let \LTRfootnote \LTRthanks
5146       \let \RTLfootnote \RTLthanks
5147       \null\vfil
5148       \vskip 60\p@
5149       \begin{center}%
5150         {\LARGE \@title \par}%
5151         \vskip 3em%
5152         {\large
5153           \lineskip .75em%
5154           \begin{tabular}[t]{c}%
5155             \@author
5156           \end{tabular}\par}%
5157         \vskip 1.5em%
5158         {\large \@date \par}%           % Set date in \large size.
5159       \end{center}\par
5160       \@thanks
5161       \vfil\null
5162     \end{titlepage}%

```

```

5163 \setcounter{footnote}{0}%
5164 \global\let\thanks\relax
5165 \global\let\LTRthanks\relax
5166 \global\let\RTLthanks\relax
5167 \global\let\maketitle\relax
5168 \global\let\@thanks\@empty
5169 \global\let\@author\@empty
5170 \global\let\@date\@empty
5171 \global\let\@title\@empty
5172 \global\let\title\relax
5173 \global\let\author\relax
5174 \global\let\date\relax
5175 \global\let\and\relax
5176 }
5177 \else
5178 \renewcommand\maketitle{\par
5179 \begingroup
5180 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
5181 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
5182 \long\def\@makefntext##1{\parindent 1em\noindent
5183 \hb@xt@1.8em{%
5184 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
5185 \if@twocolumn
5186 \ifnum \col@number=\@ne
5187 \@maketitle
5188 \else
5189 \twocolumn[\@maketitle]%
5190 \fi
5191 \else
5192 \newpage
5193 \global\@topnum\z@ % Prevents figures from going at top of page.
5194 \@maketitle
5195 \fi
5196 \thispagestyle{plain}\@thanks
5197 \endgroup
5198 \setcounter{footnote}{0}%
5199 \global\let\thanks\relax
5200 \global\let\LTRthanks\relax
5201 \global\let\RTLthanks\relax
5202 \global\let\maketitle\relax
5203 \global\let\@maketitle\relax
5204 \global\let\@thanks\@empty
5205 \global\let\@author\@empty
5206 \global\let\@date\@empty
5207 \global\let\@title\@empty
5208 \global\let\title\relax
5209 \global\let\author\relax
5210 \global\let\date\relax
5211 \global\let\and\relax
5212 }

```

```

5213 \def\@maketitle{%
5214   \newpage
5215   \null
5216   \vskip 2em%
5217   \begin{center}%
5218     \let \footnote \thanks
5219     \let \LTRfootnote \LTRthanks
5220     \let \RTLfootnote \RTLthanks
5221     {\LARGE \@title \par}%
5222     \vskip 1.5em%
5223     {\large
5224       \lineskip .5em%
5225       \begin{tabular}[t]{c}%
5226         \@author
5227         \end{tabular}\par}%
5228     \vskip 1em%
5229     {\large \@date}%
5230   \end{center}%
5231   \par
5232   \vskip 1.5em}
5233 \fi}
5234 \renewcommand*\l@part[2]{%
5235   \ifnum \c@tocdepth >-2\relax
5236     \addpenalty{-\@highpenalty}%
5237     \addvspace{2.25em \@plus\p@}%
5238     \setlength\@tempdima{3em}%
5239     \begingroup
5240       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5241       \parfillskip -\@pnumwidth
5242       {\leavevmode
5243         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
5244       \nobreak
5245       \global\@nobreaktrue
5246       \everypar{\global\@nobreakfalse\everypar{}}%
5247     \endgroup
5248   \fi}
5249 \renewcommand*\l@chapter[2]{%
5250   \ifnum \c@tocdepth >\m@ne
5251     \addpenalty{-\@highpenalty}%
5252     \vskip 1.0em \@plus\p@
5253     \setlength\@tempdima{1.5em}%
5254     \begingroup
5255       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5256       \parfillskip -\@pnumwidth
5257       \leavevmode \bfseries
5258       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
5259       \hskip -\if@RTL\rightskip\else\leftskip\fi
5260       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5261       \penalty\@highpenalty
5262     \endgroup

```

```

5263 \fi}
5264 \renewcommand\left@footnoterule{%
5265 \kern-3\p@
5266 \hrule\@width.4\columnwidth
5267 \kern2.6\p@}
5268 \renewcommand\right@footnoterule{%
5269 \hbox to \columnwidth
5270 {\beginR \vbox{%
5271 \kern-3\p@
5272 \hrule\@width.4\columnwidth
5273 \kern2.6\p@}\hfil\endR}}
5274 \renewcommand\theequation
5275 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
5276 \renewcommand \thefigure
5277 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
5278 \renewcommand \thetable
5279 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
5280 \renewcommand \thechapter {\@arabic\c@chapter}
5281 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
5282 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
5283 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
5284 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
5285 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
5286 \def\@makechapterhead#1{%
5287 \vspace*{50\p@}%
5288 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5289 \ifnum \c@secnumdepth >\m@ne
5290 \if@mainmatter
5291 \huge\bfseries \@chapapp\space \thechapter
5292 \par\nobreak
5293 \vskip 20\p@
5294 \fi
5295 \fi
5296 \interlinepenalty\@M
5297 \Huge \bfseries #1\par\nobreak
5298 \vskip 40\p@
5299 }}
5300 \def\@makeschapterhead#1{%
5301 \vspace*{50\p@}%
5302 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
5303 \normalfont
5304 \interlinepenalty\@M
5305 \Huge \bfseries #1\par\nobreak
5306 \vskip 40\p@
5307 }}
5308 \renewcommand\backmatter{%
5309 \if@openright
5310 \cleardoublepage
5311 \else
5312 \clearpage

```

```

5313 \fi
5314 \@mainmatterfalse}
5315 \renewenvironment{thebibliography}[1]
5316   {\chapter*{\bibname}%
5317    \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
5318    \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
5319    \list{\@biblabel{\@arabic\c@enumiv}}%
5320      {\settowidth\labelwidth{\@biblabel{#1}}%
5321       \leftmargin\labelwidth
5322       \advance\leftmargin\labelsep
5323       \@openbib@code
5324       \usecounter{enumiv}%
5325       \let\p@enumiv\@empty
5326       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
5327   \sloppy
5328   \clubpenalty4000
5329   \@clubpenalty \clubpenalty
5330   \widowpenalty4000%
5331   \sfcode`.\@m}
5332   {\def\@noitemerr
5333    {\@latex@warning{Empty `thebibliography' environment}}%
5334   \endlist}

```

7.34 breqn-xetex-bidi.def

```

5335 \ProvidesFile{breqn-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for breqn package for XeTeX]
5336 \def\@dmath[#1]{\if@RTL\@RTLfalse\fi%
5337   \everydisplay\expandafter{\the\everydisplay \display@setup}%
5338   \if@noskipsec \leavevmode \fi
5339   \if@inlabel \leavevmode \global\@inlabelfalse \fi
5340   \if\eq@group\else\eq@prelim\fi
5341   \setkeys{breqn}{#1}%
5342   \the\eqstyle
5343   \eq@setnumber
5344   \begingroup
5345   \eq@setup@a
5346   \eq@startup
5347 }
5348 \def\@dgroup[#1]{\if@RTL\@RTLfalse\fi%
5349   \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
5350   \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
5351   \global\let\GRP@label\@empty
5352   \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
5353   \global\grp@linewidth\z@\global\grp@wdNum\z@
5354   \global\let\grp@eqs@numbered\@False
5355   \global\let\grp@aligned\@True
5356   \global\let\grp@shiftnumber\@False
5357   \eq@prelim
5358   \setkeys{breqn}{#1}%
5359   \if\grp@hasNumber \grp@setnumber \fi

```

```

5360 }
5361 \def@dseries[#1]{\if@RTL\@RTLfalse\fi%
5362 \let\display@setup\dseries@display@setup
5363 % Question: should this be the default for dseries???
5364 \global\eq@wdCond\z@
5365 \@dmath[layout={M},#1]%
5366 \mathsurround\z@\@math \penalty\@Mi
5367 \let\endmath\ends@math
5368 \def\premath{%
5369 \ifdim\lastskip<.3em \unskip
5370 \else\ifnum\lastpenalty<\@M \dquad\fi\fi
5371 }%
5372 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
5373 \ignorespaces
5374 }
5375 \def\eqnumform#1{\if@Latin\else\beginR\@RTLtrue\fi(#1\@@italiccorr)\if@Latin\else\endR\fi}
5376 \renewenvironment{dsuspend}{%
5377 \global\setbox\EQ@box\vbox\bgroup\if@Latin\else\@RTLtrue\fi \@parboxrestore
5378 \parshape 1 \displayindent \displaywidth\relax
5379 \hsize=\columnwidth \noindent\ignorespaces
5380 }{%
5381 \par\egroup
5382 \global\setbox\GRP@box\vbox{%
5383 \hbox{\copy\EQ@box\vtop{\unvbox\EQ@box}}%
5384 \unvbox\GRP@box
5385 }%
5386 \global\GRP@queue\@xp{\the\GRP@queue
5387 \@elt{\let\eq@isIntertext\@True}}%
5388 }%
5389 }

```

7.35 cals-xetex-bidi.def

```

5390 \ProvidesFile{cals-xetex-bidi.def}[2013/05/28 v0.3 bidi adaptations for cals package for XeTeX et
5391 \renewenvironment{calstable}[1][c]{%
5392 \if@RTL\@RTLtabtrue\cals@activate@rtl\fi
5393 \if l#1%
5394 \if@RTLtab\leftskip\fill \rightskip\z@\else\leftskip\z@ \rightskip\fill\fi
5395 \else\if r#1%
5396 \if@RTLtab\leftskip\z@ \rightskip\fill\else\leftskip\fill \rightskip\z@\fi
5397 \else\if c#1%
5398 \leftskip\fill \rightskip\fill
5399 \fi\fi\fi
5400 \let\cals@thead@tokens=\relax
5401 \let\cals@tfoot@tokens=\relax
5402 \let\cals@tbreak@tokens=\relax
5403 \cals@tfoot@height=0pt \relax
5404 \let\cals@last@context=n%
5405 \let\cals@current@context=b%
5406 \parindent=0pt %

```

```

5407 \cals@setpadding{Ag}\cals@setcellprevdepth{Al}\cals@set@tohsize%
5408 %% Alignment inside is independent on center/flushright outside
5409 \parfillskip=0pt plus1fil\relax
5410 \let\cals@borderL=\relax
5411 \let\cals@borderR=\relax
5412 \let\cals@borderT=\relax
5413 \let\cals@borderB=\relax
5414 }{% End of the table
5415 \cals@tfoot@tokens\lastrule\@RTLtabfalse}
5416
5417 \renewcommand\alignL{%
5418 \dimen0=\cals@paddingL \if@RTLtab\cals@paddingL=\dimen0 plus 1fill\else\cals@paddingL=\dimen0\
5419 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}
5420
5421 \renewcommand\alignR{%
5422 \dimen0=\cals@paddingL \if@RTLtab\cals@paddingL=\dimen0\else\cals@paddingL=\dimen0 plus 1fill\
5423 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}

```

7.36 caption-xetex-bidi.def

```

5424 \ProvidesFile{caption-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for caption package for X
5425 \let\@makecaption\caption@makecaption

```

7.37 caption3-xetex-bidi.def

```

5426 \ProvidesFile{caption3-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for caption3 package for
5427 \renewcommand*\caption@par{%
5428 \parindent\caption@parindent\hangindent\if@RTL-\fi\caption@hangindent}%

```

7.38 colortbl-xetex-bidi.def

```

5429 \ProvidesFile{colortbl-xetex-bidi.def}[2012/06/10 v0.2 bidi adaptations for colortbl package for
5430 \def\CT@setup{%
5431 \@tempdimb\col@sep
5432 \@tempdimc\col@sep
5433 \def\CT@color{%
5434 \global\let\CT@do@color\CT@@do@color
5435 \bidicolor}}
5436 \def\@classz{\@classx
5437 \@tempcnta \count@
5438 \prepnext@tok
5439 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
5440 \@addtopreamble{\if@RTLtab\beginL\fi%
5441 \setbox\z@\hbox\bgroup\bgroup\if@RTLtab\beginR\fi
5442 \ifcase \@chnum
5443 \hskip\stretch{.5}\kern\z@
5444 \dollarbegin
5445 \insert@column
5446 \dollarend\hskip\stretch{.5}\or
5447 \dollarbegin \insert@column \dollarend \hfill \or
5448 \hfill\kern\z@ \dollarbegin \insert@column \dollarend \or
5449 $\vcenter

```

```

5450 \startpbox{\@nextchar}\insert@column \@endpbox $\or
5451 \vtop \startpbox{\@nextchar}\insert@column \@endpbox \or
5452 \vbox \startpbox{\@nextchar}\insert@column \@endpbox
5453 \fi
5454 \if@RTLtab\endR\fi\egroup\egroup
5455 \begingroup
5456 \CT@setup
5457 \CT@column@color
5458 \CT@row@color
5459 \CT@cell@color
5460 \CT@do@color
5461 \endgroup
5462 \tempdima\ht\z@
5463 \advance\tempdima\minrowclearance
5464 \vrule\@height\tempdima\@width\z@
5465 \unhbox\z@\if@RTLtab\endL\fi}%
5466 \prepnext@tok}

```

7.39 color-xetex-bidi.def

```

5467 \ProvidesFile{color-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for color package for XeTeX]
5468 \long\def\color@b@x#1#2#3{%
5469 \leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
5470 \setbox\z@\hbox{\kern\fbboxsep\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%
5471 \dimen@ \ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
5472 \dimen@ \dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
5473 {\ifmmode\color@block{\wd\z@}{\ht\z@}{\dp\z@}%
5474 \box\z@}\ifmmode\else\if@RTL\endL\fi\fi}
5475 \def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
5476 \DeclareRobustCommand\color{%
5477 \ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\ifnextchar[\@undeclaredcolor\@declaredcolor]
5478 \def\@declaredcolor#1{%
5479 \ifundefined{\string\color @#1}%
5480 {\c@lor@error{`#1'}}%
5481 {\expandafter\let\expandafter\current@color
5482 \csname\string\color @#1\endcsname
5483 \set@color}%
5484 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5485 \def\@undeclaredcolor[#1]#2{%
5486 \ifundefined{color@#1}%
5487 {\c@lor@error{model `#1'}}%
5488 {\csname color@#1\endcsname\current@color{#2}%
5489 \set@color}%
5490 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5491 \DeclareRobustCommand\bicolor{%
5492 \ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor]
5493 \def\@bidiundeclaredcolor[#1]#2{%
5494 \ifundefined{color@#1}%
5495 {\c@lor@error{model `#1'}}%
5496 {\csname color@#1\endcsname\current@color{#2}%

```

```

5497     \set@color}%
5498   \ignorespaces}
5499 \def\@bidideclaredcolor#1{%
5500   \ifundefined{\string\color @#1}%
5501     {\c@lor@error{`#1'}}%
5502     {\expandafter\let\expandafter\current@color
5503       \csname\string\color @#1\endcsname
5504       \set@color}%
5505   \ignorespaces}
5506 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
5507 \def\color@fbox#1#2#3{%
5508   \color@b@x{\fboxsep\z@\bidicolor#1{#2}\fbox}{\bidicolor#1{#3}}}
5509 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

7.40 combine-xetex-bidi.def

```

5510 \ProvidesFile{combine-xetex-bidi.def}[2011/09/23 v0.1 bidi adaptations for combine class for XeT
5511 \renewcommand{\c@ll@chapsecii}[2]{%
5512   \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
5513   \if@RTL\hskip -\rightskip\else\hskip -\leftskip\fi
5514   #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5515 }
5516 \renewcommand{\c@ll@chapseci}{%
5517   \setlength\@tempdima{0em}%
5518   \begingroup
5519     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5520     \parfillskip -\@pnumwidth
5521     \leavevmode
5522 }
5523 \renewenvironment{tocindent}[1]{%
5524   \hangindent \if@RTL-\fi#1 \hangafter -100\relax}{%

```

7.41 crop-xetex-bidi.def

```

5525 \ProvidesFile{crop-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for crop package for XeTeX en
5526 \renewcommand*\CROP@ulc{%
5527   \if@RTLmain%
5528     \begin{picture}(0,0)
5529       \unitlength\p@\thinlines
5530       \put(-40,0){\circle{10}}
5531       \put(-30,-5){\line(0,1){10}}
5532       \put(-35,0){\line(1,0){30}}
5533       \put(-10,30){\circle{10}}
5534       \put(-5,30){\line(1,0){10}}
5535       \put(0,35){\line(0,-1){30}}
5536     \end{picture}%
5537   \else%
5538     \begin{picture}(0,0)
5539       \unitlength\p@\thinlines
5540       \put(-30,0){\circle{10}}
5541       \put(-30,-5){\line(0,1){10}}

```

```

5542      \put(-35,0){\line(1,0){30}}
5543      \put(0,30){\circle{10}}
5544      \put(-5,30){\line(1,0){10}}
5545      \put(0,35){\line(0,-1){30}}
5546      \end{picture}%
5547      \fi%
5548 }
5549 \renewcommand*\CROP@urc{%
5550   \if@RTLmain%
5551     \begin{picture}(0,0)
5552       \unitlength\p@\thinlines
5553       \put(20,0){\circle{10}}
5554       \put(30,-5){\line(0,1){10}}
5555       \put(35,0){\line(-1,0){30}}
5556       \put(-10,30){\circle{10}}
5557       \put(-5,30){\line(1,0){10}}
5558       \put(0,35){\line(0,-1){30}}
5559     \end{picture}%
5560   \else%
5561     \begin{picture}(0,0)
5562       \unitlength\p@\thinlines
5563       \put(30,0){\circle{10}}
5564       \put(30,-5){\line(0,1){10}}
5565       \put(35,0){\line(-1,0){30}}
5566       \put(0,30){\circle{10}}
5567       \put(-5,30){\line(1,0){10}}
5568       \put(0,35){\line(0,-1){30}}
5569     \end{picture}%
5570   \fi%
5571 }
5572 \renewcommand*\CROP@llc{%
5573   \if@RTLmain%
5574     \begin{picture}(0,0)
5575       \unitlength\p@\thinlines
5576       \put(-40,0){\circle{10}}
5577       \put(-30,-5){\line(0,1){10}}
5578       \put(-35,0){\line(1,0){30}}
5579       \put(-10,-30){\circle{10}}
5580       \put(-5,-30){\line(1,0){10}}
5581       \put(0,-35){\line(0,1){30}}
5582     \end{picture}%
5583   \else%
5584     \begin{picture}(0,0)
5585       \unitlength\p@\thinlines
5586       \put(-30,0){\circle{10}}
5587       \put(-30,-5){\line(0,1){10}}
5588       \put(-35,0){\line(1,0){30}}
5589       \put(0,-30){\circle{10}}
5590       \put(-5,-30){\line(1,0){10}}
5591       \put(0,-35){\line(0,1){30}}

```

```

5592 \end{picture}%
5593 \fi%
5594 }
5595 \renewcommand*\CROP@lrc{%
5596 \if@RTLmain%
5597 \begin{picture}(0,0)
5598 \unitlength\p@\thinlines
5599 \put(20,0){\circle{10}}
5600 \put(30,-5){\line(0,1){10}}
5601 \put(35,0){\line(-1,0){30}}
5602 \put(-10,-30){\circle{10}}
5603 \put(-5,-30){\line(1,0){10}}
5604 \put(0,-35){\line(0,1){30}}
5605 \end{picture}%
5606 \else%
5607 \begin{picture}(0,0)
5608 \unitlength\p@\thinlines
5609 \put(30,0){\circle{10}}
5610 \put(30,-5){\line(0,1){10}}
5611 \put(35,0){\line(-1,0){30}}
5612 \put(0,-30){\circle{10}}
5613 \put(-5,-30){\line(1,0){10}}
5614 \put(0,-35){\line(0,1){30}}
5615 \end{picture}%
5616 \fi%
5617 }
5618 \ifpackagewith{crop}{cam}{%
5619 \CROP@execopt{cam}%
5620 }{}

```

7.42 cutwin-xetex-bidi.def

```

5621 \ProvidesFile{cutwin-xetex-bidi.def}[2011/11/12 v0.1 bidi adaptations for cutwin package for XeT
5622 \renewcommand*\c@twcompctr}[2]{%
5623 \def\c@twfirst{1}
5624 \loop\advance\c@twwinlines\m@ne
5625 \setbox\c@twslicea=\vsplit#1 to\baselineskip
5626 \setbox\c@twsliceb=\vsplit#1 to\baselineskip
5627 \c@twprune{\c@twslicea}{\c@twlftside}%
5628 \c@twprune{\c@twsliceb}{\c@twrtside}%
5629 \ifnum\c@twfirst=\@ne
5630 \setbox#2=\vbox{\unvbox#2\hbox
5631 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\pageinwindow\hfil\if@RTL\box\c@twli
5632 \else
5633 \setbox#2=\vbox{\unvbox#2\hbox
5634 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\box
5635 \fi
5636 \def\c@twfirst{2}
5637 \ifnum\c@twwinlines>\z@\repeat}
5638 \renewcommand*\c@twcompodctr}[2]{%

```

```

5639 \def\c@twrounds{1}
5640 \def\c@twfirst{1}
5641 \@for\c@twlspec:=\c@twb\do{%
5642   \ifnum\c@twrounds=1
5643     \setbox\c@twslicea=\vsplit#1 to\baselineskip % first of pair
5644     \c@twprune{\c@twslicea}{\c@twlspec}%
5645     \def\c@twrounds{2}
5646   \else
5647     \setbox\c@twsliceb=\vsplit#1 to\baselineskip % second of pair
5648     \c@twprune{\c@twsliceb}{\c@twlspec}%
5649     \ifnum\c@twfirst=1
5650       \setbox#2=\vbox{\unvbox#2\hbox
5651 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi}\hfil\picinwindow\hfil\if@RTL\box\
5652 \def\c@twfirst{2}
5653     \else
5654       \setbox#2=\vbox{\unvbox#2\hbox
5655 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi}\hfil\if@RTL\box\c@twslicea\else\
5656 \fi
5657     \def\c@twrounds{1}
5658 \fi}}

```

7.43 cuted-xetex-bidi.def

```

5659 \ProvidesFile{cuted-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for cuted package for XeTeX]
5660 \def\RTL@outputdblcol{%
5661 \if@firstcolumn \global\@firstcolumnfalse
5662 \global\setbox\@leftcolumn \box\@outputbox
5663 \else
5664 \global\@firstcolumntrue
5665 \setbox\@outputbox \vbox {\hbox to\textwidth {%
5666 \hskip \columnwidth
5667 \hfil \vrule width\columnseprule \hfil
5668 \hbox to\columnwidth {\box\@leftcolumn \hss}%
5669 \hskip -\textwidth
5670 \hbox to\columnwidth{\box\@outputbox \hss}%
5671 \hskip \columnsep
5672 \hskip \columnwidth }}%
5673 \ifvoid\hold@viper
5674 \else
5675 \setbox\@outputbox \vbox to\textheight{%
5676 \box\hold@viper
5677 \box\@outputbox
5678 \vss
5679 }%
5680 \fi
5681 \@combinedblfloats \@outputpage
5682 \begingroup \@dblfloatplacement \@startdblcolumn
5683 \@whiles\if@fcolmade \fi
5684 {\@outputpage \@startdblcolumn }%
5685 \ifvoid\@viper

```

```

5686     \else
5687         \global\setbox\@viper\vbox{%
5688             \vskip-\stripsep
5689             \unvbox\@viper
5690         }%
5691     \@viperoutput
5692 \fi
5693 \endgroup
5694 \fi}
5695 \def\LTR@outputdblcol{%
5696     \if@firstcolumn
5697         \global \@firstcolumnfalse
5698     \global \setbox\@leftcolumn \box\@outputbox
5699 \else
5700     \global\@firstcolumntrue
5701     \setbox\@outputbox \vbox {%
5702         \hb@xt@\textwidth {%
5703             \hb@xt@\columnwidth {%
5704                 \box\@leftcolumn \hss}%
5705             \hfil
5706             \vrule \@width\columnseprule
5707             \hfil
5708             \hb@xt@\columnwidth {%
5709                 \box\@outputbox \hss}%
5710             }%
5711         }%
5712 \ifvoid\hold@viper
5713 \else
5714     \setbox\@outputbox \vbox to\textheight{%
5715         \box\hold@viper
5716         \box\@outputbox
5717         \vss
5718     }%
5719 \fi
5720 \@combinedblfloats
5721 \@outputpage
5722 \beginingroup
5723     \@dblfloatplacement
5724     \@startdblcolumn
5725     \@whiles\if@fcolmade \fi
5726     {\@outputpage
5727       \@startdblcolumn}%
5728 \ifvoid\@viper
5729 \else
5730     \global\setbox\@viper\vbox{%
5731         \vskip-\stripsep
5732         \unvbox\@viper
5733     }%
5734     \@viperoutput
5735 \fi

```

```

5736 \endgroup
5737 \fi
5738 }
5739 \def \@addviper {%
5740 \if@firstcolumn
5741 \insertfalse
5742 \@reqcolroom .5\@pageht
5743 \ht@viper\@reqcolroom
5744 \advance \@reqcolroom \ht@viper
5745 \advance \@reqcolroom \stripsep
5746 \ifvoid\hold@viper\@tempdima=\z@\else\@tempdima\ht\hold@viper\fi
5747 %%
5748 \@tempdimb \ht@viper
5749 \loop
5750 \setbox\v@aaa\copy\@holdpg
5751 \setbox\v@ccc\vbox to\@tempdimb{%
5752 \vsplit\v@aaa to\@tempdimb\vss\vsplit\v@aaa to\@tempdimb}%
5753 \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5754 \ifvoid\v@aaa \else \advance\@tempdimb 1pt \repeat
5755 \loop
5756 \setbox\v@aaa\copy\@holdpg
5757 \setbox\v@ccc\vbox to\@tempdimb{%
5758 \vsplit\v@aaa to\@tempdimb\vss}%
5759 \wlog{(2)Left:\the\ht\v@ccc\space Right:\the\ht\v@aaa\space Output:\the\@tempdimb}%
5760 \ifdim \ht\v@ccc<\ht\v@aaa \@tempdimb \the\ht\v@aaa \repeat
5761 \wlog{- LAST -^^JLeft:\the\ht\v@ccc^^JRight:\the\ht\v@aaa^^JOutput:\the\@tempdimb}%
5762 \setbox\v@ccc\vbox to\@tempdimb{%
5763 \vsplit\@holdpg to\@tempdimb\vss}%
5764 %%
5765 \setbox\@tempboxa \vbox {%
5766 \hb@xt@\textwidth {%
5767 \if@RTLmain%
5768 \hskip \columnwidth
5769 \hfil \vrule width\columnseprule \hfil
5770 \hb@xt@\columnwidth {%
5771 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5772 \hskip -\textwidth
5773 \hb@xt@\columnwidth {%
5774 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5775 \hskip \columnsep
5776 \hskip \columnwidth
5777 \else%
5778 \hb@xt@\columnwidth {%
5779 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5780 \hfil
5781 \vrule \@width\columnseprule
5782 \hfil
5783 \hb@xt@\columnwidth {%
5784 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5785 \fi}%

```

```

5786             }%
5787 \ifvoid\hold@viper
5788     \global\setbox\hold@viper \vbox {%
5789         \unvbox\@tempboxa
5790         \penalty\interlinepenalty
5791         \vskip\stripsep
5792         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5793         \outputpenalty \z@
5794     }%
5795 \else
5796     \global\setbox\hold@viper \vbox {%
5797         \unvbox\hold@viper
5798         \unvbox\@tempboxa
5799         \penalty\interlinepenalty
5800         \vskip\stripsep
5801         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5802         \outputpenalty \z@
5803     }%
5804 \fi
5805 \ifdim \@colroom>\@reqcolroom
5806     \global\setbox\hold@viper \vbox {%
5807         \unvbox\hold@viper
5808         \box\@viper
5809         \penalty\interlinepenalty
5810         \vskip\stripsep
5811         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5812         \outputpenalty \z@
5813     }%
5814     \@inserttrue
5815     \advance\@tempdima by-\ht\hold@viper
5816     \global \advance \@colht \@tempdima
5817     \ifdim \@colht<2.5\baselineskip
5818     \latex@warning@no@line {Optional argument of \noexpand\twocolumn
5819         too tall on page \thepage (1 stulpelis)}%
5820         \@emptycol
5821         \if@firstcolumn
5822         \else
5823             \@emptycol
5824         \fi
5825         \global\@lastvipertrue
5826     \else
5827         \global \vsize \@colht
5828         \global \@colroom \@colht
5829         \check@floats
5830         \ifdim\@tempdima>\z@
5831             \global\advance\@colroom by-\@tempdima
5832         \fi
5833         \ifdim\@colroom<\z@
5834             \global\@colroom 1pt
5835             \ifdim\@tempdima>\@colht

```

```

5836          \@latex@warning@no@line {TOP ir/ar BOT FLOAT's
5837          netelpa lape \thepage (1 stulpelis)}%
5838          \fi
5839          \@emptycol
5840          \if@firstcolumn
5841          \else
5842          \@emptycol
5843          \fi
5844          \global\@lastvipertrue
5845        \fi
5846      \fi
5847    \fi
5848  \else
5849    \@insertfalse
5850    \@reqcolroom\@colht
5851    \advance\@reqcolroom \@pageht
5852    \ht@viper.5\@reqcolroom
5853    \@reqcolroom\ht@viper
5854    \advance \@reqcolroom \ht@viper
5855    \advance \@reqcolroom \stripsep
5856    \if@flushend@auto@baselineskip
5857      \setbox\@tempboxa\vbox{\unvcopy\@leftcolumn
5858      \global\lastskip@d\lastskip
5859      \global\lastskip@b\lastskip
5860      \loop
5861        \global\lastskip@a\lastskip@b
5862        \unskip\unpenalty
5863        \global\lastskip@b\lastskip
5864        \global\advance\lastskip@d by\lastskip
5865        \ifdim\lastskip@b=-\lastskip@a
5866          \global\advance\lastskip@d by-\lastskip
5867        \else
5868        \repeat
5869        \ifdim\lastskip@b=-\lastskip@a
5870          \ifdim\lastskip@b=\z@
5871            \setbox\lastbox@a\lastbox
5872            \global\advance\lastskip@d by\ht\lastbox@a
5873            \global\advance\lastskip@d by\lastskip
5874            \unskip\unpenalty
5875            \setbox\lastbox@a\lastbox
5876            \global\advance\lastskip@d by\dp\lastbox@a
5877          \else
5878            \global\lastskip@d\lastskip
5879            \global\advance\lastskip@d by\topskip
5880          \fi
5881        \fi
5882        \global\advance\lastskip@d by-\topskip
5883      }%
5884    \ifdim\ht\@holdpg>\@colht
5885    \global\setbox\@holdpg\vbox{\unvbox\@leftcolumn\unskip\unpenalty

```

```

5886         \par\eject
5887         \vbox to \@colht{\unvbox\@holdpg\unskip}%
5888         }%
5889     \else
5890         \global\setbox\@holdpg\vbox{%
5891             \unvbox\@leftcolumn\unskip\unpenalty
5892             \vskip\lastskip@d
5893             \the\At@ViperColsBreak
5894             \unvbox\@holdpg
5895             \unskip
5896         }%
5897     \fi
5898 \else
5899     \global\setbox\@holdpg\vbox{%
5900         \unvbox\@leftcolumn
5901         \setbox\@tempboxa\lastbox
5902         \on@stripcols@break
5903         \the\At@ViperColsBreak
5904         \unvbox\@holdpg
5905     }%
5906 \fi
5907 \global\At@ViperColsBreak{}%
5908 \ht@viper .5\ht\@holdpg
5909 \ifdim \ht@viper>\@colht
5910     \ht@viper \@colht
5911 \fi
5912 \ifvoid\hold@viper\@tempdima=\z@ \else \@tempdima\ht\hold@viper\fi
5913 %%
5914 \@tempdimb \ht@viper
5915 \loop
5916     \setbox\v@aaa\copy\@holdpg
5917     \setbox\v@ccc\vbox to\@tempdimb{%
5918         \vsplit\v@aaa to\@tempdimb
5919         \vss
5920         \vsplit\v@aaa to\@tempdimb
5921     }%
5922     \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5923 \ifvoid\v@aaa
5924 \else
5925     \advance\@tempdimb 1\p@
5926 \repeat
5927 \loop
5928     \setbox\v@aaa\copy\@holdpg
5929     \setbox\v@ccc\vbox to\@tempdimb{\vsplit\v@aaa to\@tempdimb\vss}%
5930     \wlog{(2)Left:\the\ht\v@ccc\space
5931         Right:\the\ht\v@aaa\space
5932         Output:\the\@tempdimb
5933     }%
5934 \ifdim\ht\v@ccc<\ht\v@aaa
5935     \@tempdimb \the\ht\v@aaa

```

```

5936 \repeat
5937 \wlog{- LAST -^^JLeft:\the\ht\v@ccc
5938      ^^JRight:\the\ht\v@aaa
5939      ^^JOutput:\the\@tempdimb
5940      }%
5941 \setbox\v@ccc\vbox to\@tempdimb{\vsplit\@holdpg to\@tempdimb\vss}%
5942 \setbox\@tempboxa\vbox{%
5943   \hb@xt@\textwidth {%
5944     \hb@xt@\columnwidth{\vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5945     \hfil
5946     \vrule \@width\columnseprule
5947     \hfil
5948     \hb@xt@\columnwidth {\vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5949     }%
5950   }%
5951 \ifvoid\hold@viper
5952   \global\setbox\hold@viper \vbox {%
5953     \unvbox\@tempboxa
5954     \penalty\interlinepenalty
5955     \vskip\stripsep
5956     \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5957     \outputpenalty \z@
5958     }%
5959 \else
5960   \global\setbox\hold@viper \vbox {%
5961     \unvbox\hold@viper
5962     \unvbox\@tempboxa
5963     \penalty\interlinepenalty
5964     \vskip\stripsep
5965     \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5966     \outputpenalty \z@
5967     }%
5968 \fi
5969 \ifdim \@colht>\@reqcolroom
5970   \global\setbox\hold@viper \vbox {%
5971     \unvbox\hold@viper
5972     \box\@viper
5973     \penalty\interlinepenalty
5974     \vskip\stripsep
5975     \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5976     \outputpenalty \z@
5977     }%
5978 \inserttrue
5979 \global\@firstcolumntrue
5980 \advance\@tempdima by-\ht\hold@viper
5981 \global \advance \@colht \@tempdima
5982 \ifdim \@colht<2.5\baselineskip
5983 \latex@warning@no@line {Optional argument of \noexpand\twocolumn
5984                          too tall on page \thepage (2 stulpelis)}%
5985 \emptycol

```

```

5986         \if@firstcolumn
5987         \else
5988             \@emptycol
5989         \fi
5990         \global\@lastvipertrue
5991     \else
5992         \global \vsize \@colht
5993         \global \@colroom \@colht
5994         \check@floats
5995         \ifdim\@tempdima>\z@
5996             \global\advance\@colroom by-\@tempdima
5997         \fi
5998         \ifdim\@colroom<\z@
5999             \global\@colroom 1pt
6000             \ifdim\@tempdima>\@colht
6001                 \@latex@warning@no@line {TOP ir/ar BOT FLOAT's
6002                     netelpe lape \thepage (2 stulpelis)}%
6003             \fi
6004             \@emptycol
6005             \if@firstcolumn
6006             \else
6007                 \@emptycol
6008             \fi
6009             \global\@lastvipertrue
6010         \fi
6011     \fi
6012 \fi
6013 \fi
6014 \if@insert
6015 \else
6016     \advance\@tempdima by-\ht\hold@viper
6017     \global \advance \@colht \@tempdima
6018     \global\setbox\hold@viper \vbox {%
6019                                     \unvbox\hold@viper
6020                                     \csname viper@top@hook\endcsname
6021                                     \vsplit\@viper to \@colht
6022                                     \vss
6023                                     }%
6024     \vbox{}%
6025     \global\@firstcolumnfalse
6026     \newpage
6027 \fi
6028 }

```

7.44 cvthemebidicasual.sty

```

6029 \NeedsTeXFormat{LaTeX2e}
6030 \ProvidesPackage{cvthemebidicasual}
6031 \DeclareOption{blue}{}
6032 \newif\if@colourorange\@colourorangefalse

```

```

6033 \DeclareOption{orange}{\@colourorangetrue}
6034 \newif\if@colourgreen\@colourgreenfalse
6035 \DeclareOption{green}{\@colourgreentrue}
6036 \newif\if@colourred\@colourredfalse
6037 \DeclareOption{red}{\@colourredtrue}
6038 \newif\if@colourgrey\@colourgreyfalse
6039 \DeclareOption{grey}{\@colourgreytrue}
6040 \DeclareOption*{
6041   \PackageWarning{cvthemebidicasual}{Unknown option '\CurrentOption'}}
6042 \ExecuteOptions{colour}
6043 \ProcessOptions\relax
6044 \renewcommand*{\listitemsymbol}{\textbullet}
6045 \definecolor{firstnamecolor}{rgb}{0.65,0.65,0.65}
6046 \familynamecolour{808080}
6047 \firstnamecolour{A9A9A9}
6048 \quotecolour{696969}
6049 \addresscolour{696969}
6050 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.50,0.75}
6051 \sectiontitlecolour{1E90FF}
6052 \subsectioncolour{4682B4}
6053 \definecolor{rulecolour}{gray}{0.6}
6054 \definecolor{footersymbolcolour}{rgb}{0.25,0.50,0.75}
6055 \definecolor{footersymbolcolor}{rgb}{0.25,0.50,0.75}
6056 \if@colourorange
6057   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6058   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6059   \sectiontitlecolour{FF8C00}
6060   \subsectioncolour{FF8C00}
6061   \definecolor{footersymbolcolour}{rgb}{0.95,0.55,0.15}
6062   \definecolor{footersymbolcolor}{rgb}{0.95,0.55,0.15}\fi
6063 \if@colourgreen
6064   \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6065   \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6066   \sectiontitlecolour{008000}
6067   \subsectioncolour{008000}
6068   \definecolor{footersymbolcolour}{rgb}{0.30,0.65,0.15}
6069   \definecolor{footersymbolcolor}{rgb}{0.30,0.65,0.15}\fi
6070 \if@colourred
6071   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6072   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6073   \sectiontitlecolour{FF0000}
6074   \subsectioncolour{FF0000}
6075   \definecolor{footersymbolcolour}{rgb}{0.95,0.20,0.20}
6076   \definecolor{footersymbolcolor}{rgb}{0.95,0.20,0.20}\fi
6077 \if@colourgrey
6078   \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6079   \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6080   \sectiontitlecolour{808080}
6081   \subsectioncolour{808080}
6082   \definecolor{footersymbolcolour}{rgb}{0.35,0.35,0.35}

```

```

6083 \definecolor{footersymbolcolor}{rgb}{0.35,0.35,0.35}\fi
6084 \renewcommand*{\ttdefault}{pcr}
6085 \renewcommand*{\firstnamefont}{\fontsize{38}{40}\mdseries\upshape}
6086 \renewcommand*{\familynamefont}{\firstnamefont}
6087 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
6088 \renewcommand*{\quoteont}{\large\slshape}
6089 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6090 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6091 \renewcommand*{\maketitle}{%
6092   {%
6093     \ifthenelse{\isundefined{\@photo}}{%
6094       {%
6095         {\color{firstnamecolor}\framebox{\includegraphics[width=\@photowidth]{\@photo}}}}%
6096         \hfill%
6097         \bidi@raggedleft{\firstnamestyle{\@firstname}~\familynamestyle{\@familyname}}\[-.35em]}%
6098         {\color{firstnamecolor}\rule{\textwidth}{.25ex}\[2.5em]}%
6099       \ifthenelse{\isundefined{\@quote}}{%
6100         {%
6101           {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\[2.
6102             }%
6103       \newif\if@firstfooterelement\@firstfooterelementtrue
6104       \providecommand*{\footersymbol}{}
6105       \renewcommand*{\footersymbol}{%
6106         \if@firstfooterelement%
6107         \else%
6108           {~~\color{footersymbolcolor}\textbullet~~}\fi}
6109       \providecommand*{\makefooter}{}
6110       \renewcommand*{\makefooter}{%
6111         \fancypagestyle{plain}{%
6112           \fancyfoot[c]{%
6113             \parbox{0.8\textwidth}{%
6114               \centering%
6115               \addressfont\@addresscolour%
6116               \ifthenelse{\isundefined{\@address}}{}{}%
6117               \addresssymbol~\@address\\%
6118               \@firstfooterelementfalse}%
6119             \ifthenelse{\isundefined{\@mobile}}{}{\mobilesymbol~\@mobile\@firstfooterelementfalse}%
6120             \ifthenelse{\isundefined{\@phone}}{}{\footersymbol\phonesymbol~\@phone\@firstfooterelement
6121             \ifthenelse{\isundefined{\@fax}}{}{\footersymbol\faxsymbol~\@fax\@firstfooterelementfalse}
6122             \ifthenelse{\isundefined{\@email}}{}{\footersymbol\emailsymbol~\emailink{\@email}\@first
6123             \ifthenelse{\isundefined{\@extrainfo}}{}{\footersymbol\@extrainfo\@firstfooterelementfalse
6124           }%
6125         \pagestyle{plain}}
6126 \AtBeginDocument{\makefooter}

```

7.45 cvthemebidiclassic.sty

```

6127 \NeedsTeXFormat{LaTeX2e}
6128 \ProvidesPackage{cvthemebidiclassic}
6129 \DeclareOption{blue}{}

```

```

6130 \newif\if@colourorange\@colourorangefalse
6131 \DeclareOption{orange}{\@colourorangetrue}
6132 \newif\if@colourgreen\@colourgreenfalse
6133 \DeclareOption{green}{\@colourgreentrue}
6134 \newif\if@colourred\@colourredfalse
6135 \DeclareOption{red}{\@colourredtrue}
6136 \newif\if@colourgrey\@colourgreyfalse
6137 \DeclareOption{grey}{\@colourgreytrue}
6138 \DeclareOption*{
6139   \PackageWarning{cvthemebidicclassic}{Unknown option ‘\CurrentOption’}}
6140 \ExecuteOptions{colour}
6141 \ProcessOptions\relax
6142 \renewcommand*{\listitemsymbol}{\textbullet}
6143 \firstnamecolour{}
6144 \familynamecolour{}
6145 \titlecolour{808080}
6146 \quotecolour{696969}
6147 \addresscolour{696969}
6148 \definecolor{sectionrectanglecolour}{rgb}{0.25,0.50,0.75}
6149 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.5,0.75}
6150 \sectiontitlecolour{1E90FF}
6151 \subsectioncolour{4682B4}
6152 \if@colourorange
6153   \addresscolour{FF8C00}
6154   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.65,0.20}
6155   \definecolor{sectionrectanglecolor}{rgb}{1,0.65,0.20}
6156   \sectiontitlecolour{FF8C00}
6157   \subsectioncolour{FF8C00}\fi
6158 \if@colourgreen
6159   \addresscolour{008000}
6160   \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6161   \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6162   \sectiontitlecolour{008000}
6163   \subsectioncolour{008000}\fi
6164 \if@colourred
6165   \addresscolour{FF0000}
6166   \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6167   \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6168   \sectiontitlecolour{FF0000}
6169   \subsectioncolour{FF0000}\fi
6170 \if@colourgrey
6171   \addresscolour{808080}
6172   \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6173   \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6174   \sectiontitlecolour{808080}
6175   \subsectioncolour{808080}\fi
6176 \renewcommand*{\ttdefault}{pcr}
6177 \renewcommand*{\firstnamefont}{\fontsize{34}{36}\mdseries\upshape}
6178 \renewcommand*{\titlefont}{\LARGE\mdseries\slshape}
6179 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}

```

```

6180 \renewcommand*{\familynamefont}{\firstnamefont}
6181 \renewcommand*{\quoteont}{\large\slshape}
6182 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6183 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6184 \newlength{\maketitlenamemaxwidth}
6185 \setlength{\maketitlenamemaxwidth}{.525\textwidth}
6186 \newlength{\maketitlenamefullwidth}
6187 \settowidth{\maketitlenamefullwidth}{\firstnamestyle{\@firstname~}\familynamestyle{\@familyname}}
6188 \newlength{\maketitlenamewidth}
6189 \ifnum\maketitlenamemaxwidth<\maketitlenamefullwidth\setlength{\maketitlenamewidth}{\maketitlenamefullwidth}
6190 \newlength{\maketitlepicturewidth}
6191 \setlength{\maketitlepicturewidth}{\@photowidth}
6192 \newlength{\maketitledetailswidth}
6193 \renewcommand*{\recomputethemelengths}{%
6194   \setlength{\maketitledetailswidth}{\textwidth}%
6195   \addtolength{\maketitledetailswidth}{-\maketitlenamewidth}%
6196   \addtolength{\maketitledetailswidth}{-\separatorcolumnwidth}%
6197   \addtolength{\maketitledetailswidth}{-\maketitlepicturewidth}}
6198 \recomputethemelengths
6199 \newif\if@firstdetailselement\@firstdetailselementtrue
6200 \newcommand*{\maketitledetailsnewline}{%
6201   \if@firstdetailselement%
6202     \@firstdetailselementfalse%
6203   \else%
6204     \[.2em]\fi}
6205 \renewcommand*{\maketitle}{%
6206   % name and title
6207   \begin{minipage}[b]{\maketitlenamewidth}%
6208     \firstnamestyle{\@firstname~}\familynamestyle{\@familyname}%
6209     \ifthenelse{\equal{\@title}{}}{\[1.25em]\titlestyle{\@title}}{}
6210   \end{minipage}%
6211   % optional data
6212   \begin{minipage}[b]{\maketitledetailswidth}%
6213     \bidi@raggedleft\addressfont\addresscolour%
6214     \ifthenelse{\isundefined{\@address}}{\[.2em]}{\%
6215       \maketitledetailsnewline%
6216       \addresssymbol~\@address}%
6217     \ifthenelse{\isundefined{\@mobile}}{\[.2em]}{\maketitledetailsnewline\mobilesymbol~\@mobile}%
6218     \ifthenelse{\isundefined{\@phone}}{\[.2em]}{\maketitledetailsnewline\phonesymbol~\@phone}%
6219     \ifthenelse{\isundefined{\@fax}}{\[.2em]}{\maketitledetailsnewline\faxsymbol~\@fax}%
6220     \ifthenelse{\isundefined{\@email}}{\[.2em]}{\maketitledetailsnewline\emailsymbol~\emailink{\@email}}
6221     \ifthenelse{\isundefined{\@extrainfo}}{\[.2em]}{\maketitledetailsnewline\@extrainfo}%
6222   \end{minipage}%
6223   % optional photo
6224   \ifthenelse{\isundefined{\@photo}}{\[.2em]}{\%
6225     {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=\maketitlepicturewidth]{\@photo}}}%
6226   \ifthenelse{\isundefined{\@quote}}{\[.2em]}{\%
6227     {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=\maketitlepicturewidth]{\@quote}}}%
6228   \ifthenelse{\isundefined{\@quote}}{\[.2em]}{\%
6229     {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=\maketitlepicturewidth]{\@quote}}}%

```

```

6230   {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}}\[2.
6231   }

```

7.46 dblfnote-xetex-bidi.def

```

6232 \ProvidesFile{dblfnote-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for dblfnote package for
6233 \let\autofootnoterule\relax
6234 \let\rightfootnoterule\relax
6235 \let\leftfootnoterule\relax
6236 \let\textwidthfootnoterule\relax
6237 \let\LRfootnoterule\relax
6238 \def\footnoterule{\kern-3\p@
6239   \hrule \@width \DFNcolumnwidth \kern 2.6\p@}%
6240 \AtBeginDocument{\let\dfn@latex@footnotetext\@footnotetext
6241 \let\@footnotetext\dfn@footnotetext}
6242 \long\def\dfn@LTRfootnotetext#1{{\setbox\dfn@boxa\vbox{
6243   \let\insert\dfn@gobble
6244   \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6245   \def\@makefnmark{\smash{\dfn@makefnmark}}
6246   \dfn@latex@LTRfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6247   \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6248   \ifdim\dfn@dima>\z@else
6249     \dfn@dima1sp\relax
6250     \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi
6251   \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6252     \ifvoid\dfn@ins\else
6253       \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6254     \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6255   \setbox\dfn@boxa\copy\dfn@ins
6256   \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6257   \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6258   \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6259   \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}}%
6260 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6261 \AtBeginDocument{\let\dfn@latex@LTRfootnotetext\@LTRfootnotetext
6262 \let\@LTRfootnotetext\dfn@LTRfootnotetext}
6263 \long\def\dfn@RTLfootnotetext#1{{\setbox\dfn@boxa\vbox{
6264   \let\insert\dfn@gobble
6265   \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6266   \def\@makefnmark{\smash{\dfn@makefnmark}}
6267   \dfn@latex@RTLfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6268   \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6269   \ifdim\dfn@dima>\z@else
6270     \dfn@dima1sp\relax
6271     \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi
6272   \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6273     \ifvoid\dfn@ins\else
6274       \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6275     \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6276   \setbox\dfn@boxa\copy\dfn@ins

```

```

6277 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6278 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6279 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6280 \insert\footins{\floatingpenalty\@MM \vbox to\@tempdima{}}%
6281 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6282 \AtBeginDocument{\let\dfn@latex@RTLfootnotetext\@RTLfootnotetext
6283 \let\@RTLfootnotetext\dfn@RTLfootnotetext}
6284 \def\dfn@RTLmakecol{\ifvoid\footins\else
6285 \dfn@dima\ht\footins
6286 \@tempcnta\z@ \dfn@countins
6287 \@tempdima\z@ \let\@elt\dfn@elt@getht
6288 \dfn@list\@nil
6289 \ifdim\@tempdima=\z@\else
6290 \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6291 \global\setbox\dfn@ins\box\dfn@ins
6292 \@tempwattrue
6293 \ifdfn@trysingle
6294 \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
6295 \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6296 \advance\@tempdima\skip\footins
6297 \advance\@tempdima-\ht\dfn@boxa
6298 \ifdim\@tempdima<\z@\else \@tempwafalse
6299 \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
6300 \footnoterule \unvbox\dfn@boxa}\fi\fi
6301 \if@tempswa
6302 \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6303 \global\setbox\footins\vbox{\hbox{%
6304 \hskip \DFNcolumnwidth
6305 \hskip\DFNcolumnsep
6306 \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
6307 \unvbox\dfn@boxb\vss}\hss}
6308 \hskip -\textwidth
6309 \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
6310 \vbox to\@tempdima{
6311 \setbox\@tempboxa\vbox{\footnoterule}
6312 \ifdfn@ruleboth \unvbox\@tempboxa
6313 \else \@tempdima\ht\@tempboxa
6314 \advance\@tempdima\dp\@tempboxa
6315 \vskip\@tempdima
6316 \prevdepth\dp\@tempboxa \fi
6317 \unvbox\dfn@boxa\vss}\fi\hss}
6318 \hskip \DFNcolumnsep
6319 \hskip \DFNcolumnwidth}}}\fi\fi
6320 \global\dfn@fnht\z@
6321 \ifx\dfn@list\@empty\else
6322 \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6323 \dfn@list \global\advance\dfn@fnht\dfn@dimb
6324 \let\@elt\relax
6325 \ifdim\dfn@dimb>\z@
6326 \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%

```

```

6327             \insert\footins{\floatingpenalty\@MM
6328                 \vbox to\dfn@dimb{}}\fi
6329         \ifdim\dfn@fnht>\@tempdima
6330             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
6331             \global\dfn@fnht\@tempdima
6332             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
6333             \xdef\dfn@afteroutput{\insert\footins{
6334                 \floatingpenalty\@MM
6335                 \vbox to\number\@tempdimb sp{}}}%
6336             \global\let\noexpand\dfn@afteroutput\relax}%
6337         \fi\fi
6338     \fi}%
6339     \let\footnoterule\relax \dfn@latex@makecol
6340     \let\footnoterule\dfn@footnoterule}
6341 \def\dfn@LTRmakecol{\ifvoid\footins\else
6342     \dfn@dima\ht\footins
6343     \@tempcnta\z@ \dfn@countins
6344     \@tempdima\z@ \let\@elt\dfn@elt@getht
6345     \dfn@list\@nil
6346     \ifdim\@tempdima=\z@\else
6347     \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6348     \global\setbox\dfn@ins\box\dfn@ins
6349     \@tempswatrue
6350     \ifdfn@trysingle
6351         \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
6352         \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6353         \advance\@tempdima-\skip\footins
6354         \advance\@tempdima-\ht\dfn@boxa
6355         \ifdim\@tempdima<\z@\else \@tempswafalse
6356             \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
6357                 \footnoterule \unvbox\dfn@boxa}\fi\fi
6358     \if@tempswa
6359     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6360     \global\setbox\footins\vbox{\hbox{%
6361         \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
6362             \unvbox\dfn@boxb\vss}\hss}\hskip\DFNcolumnsep
6363         \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
6364             \vbox to\@tempdima{
6365                 \setbox\@tempboxa\vbox{\footnoterule}
6366                 \ifdfn@ruleboth \unvbox\@tempboxa
6367                 \else \@tempdima\ht\@tempboxa
6368                 \advance\@tempdima\dp\@tempboxa
6369                 \vskip\@tempdima
6370                 \prevdepth\dp\@tempboxa \fi
6371                 \unvbox\dfn@boxa\vss}\fi\hss}}}\fi\fi
6372     \global\dfn@fnht\z@
6373     \ifx\dfn@list\@empty\else
6374         \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6375         \dfn@list \global\advance\dfn@fnht\dfn@dimb
6376         \let\@elt\relax

```

```

6377         \ifdim\dfn@dimb>\z@
6378             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
6379             \insert\footins{\floatingpenalty\@MM
6380                 \vbox to\dfn@dimb{}}\fi
6381         \ifdim\dfn@fnht>\@tempdima
6382             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
6383             \global\dfn@fnht\@tempdima
6384             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
6385             \xdef\dfn@afteroutput{\insert\footins{
6386                 \floatingpenalty\@MM
6387                 \vbox to\number\@tempdimb sp{}}%
6388                 \global\let\noexpand\dfn@afteroutput\relax}%
6389         \fi\fi
6390     \fi}%
6391     \let\footnoterule\relax \dfn@latex@makecol
6392     \let\footnoterule\dfn@footnoterule}
6393 \renewcommand{\dfn@makecol}{\if@RTLmain\dfn@RTLmakecol\else\dfn@LTRmakecol\fi}
6394 \newcommand{\RTLdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@RTLmakecol}}
6395 \newcommand{\LTRdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@LTRmakecol}}
6396 \DFNalwaysdouble

```

7.47 draftwatermark-xetex-bidi.def

```

6397 \ProvidesFile{draftwatermark-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for draftwatermar
6398 \renewcommand\SetWatermarkText[1]{%
6399     \def\sc@wm@text{\if@RTLmain\beginR\fi#1\if@RTLmain\endR\fi}}

```

7.48 eso-pic-xetex-bidi.def

```

6400 \ProvidesFile{eso-pic-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for eso-pic package for X
6401 \renewcommand\AtPageLowerLeft[1]{\AtPageUpperLeft{%
6402     \put(\LenToUnit{\if@RTLmain\paperwidth\else\opt\fi},\LenToUnit{-\paperheight}){#1}}
6403
6404 \ESO@isMEMOIR{%
6405     \renewcommand\AtTextUpperLeft[1]{%
6406         \begingroup
6407             \ifodd\c@page
6408                 \@tempdima=\spinemargin
6409             \else
6410                 \@tempdima=\paperwidth
6411                 \advance\@tempdima-\textwidth
6412                 \advance\@tempdima-\spinemargin
6413             \fi
6414             \@tempdimb=-\uppermargin
6415             \AtPageUpperLeft{%
6416                 \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6417                 }%
6418         \endgroup
6419     }
6420 }{%
6421     \renewcommand\AtTextUpperLeft[1]{%

```

```

6422 \begingroup
6423 \@tempdima=1in\relax
6424 \ifodd\c@page
6425 \advance\@tempdima\oddsidemargin
6426 \else
6427 \advance\@tempdima\evensidemargin
6428 \fi
6429 \@tempdimb=-1in\relax
6430 \advance\@tempdimb-\topmargin
6431 \advance\@tempdimb-\headheight
6432 \advance\@tempdimb-\headsep
6433 \AtPageUpperLeft{%
6434 \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6435 }%
6436 \endgroup
6437 }
6438 }

```

7.49 empheq-xetex-bidi.def

```

6439 \ProvidesFile{empheq-xetex-bidi.def}[2011/09/07 v0.1 bidi adaptations for empheq package for XeT
6440 \MHInternalSyntaxOn
6441 \def\EQ_tag_plus_endmark:{%
6442 \iftagsleft@
6443 \gdef\maketag@@@#1{%
6444 \hfuzz\displaywidth
6445 \if@RTL\makebox[\widthof{#1}][r]{%
6446 \hbox to \displaywidth{\m@th\normalfont#1\hss
6447 \raisebox{-\dp\EQ_mathdisplay_box
6448 -\depthof{\EQ_outerbox:}}{
6449 {\PotEndMark{\hss}}}}
6450 \else\makebox[\widthof{#1}][l]{%
6451 \hbox to \displaywidth{\m@th\normalfont#1\hss
6452 \raisebox{-\dp\EQ_mathdisplay_box
6453 -\depthof{\EQ_outerbox:}}{
6454 {\PotEndMark{\hss}}}}\fi}%
6455 \else:
6456 \gdef\maketag@@@#1{%
6457 \hbox{\m@th\normalfont#1\llap{\hss\PotEndMark{%
6458 \settoheight{\@tempdima}{\nameuse{InTheoType Symbol}}}%
6459 \MH_addtolength:dn \@tempdima
6460 {\g_EQ_bottomtag_depth_dim+\mintagvsep}
6461 \setlength{\@tempdimb}
6462 {\g_EQ_bottomrow_depth_dim+\depthof{\EQ_outerbox:}}
6463 +\depthof{\EQ_innerbox:}}
6464 \if_dim:w \@tempdima>\@tempdimb
6465 \MH_setlength:dn \@tempdima{-\dp\EQ_mathdisplay_box
6466 -\@tempdima+g_EQ_bottomrow_depth_dim}
6467 \addtolength{\@tempdima}{\depthof{\EQ_innerbox:}}}%
6468 \def\EQ_next:{\raisebox{\@tempdima}}%

```

```

6469         \else:
6470             \def\EQ_next:{
6471                 \raisebox{-\dp\EQ_mathdisplay_box
6472                     -\depthof{\EQ_outerbox:{}}}{}}%
6473             \fi:\EQ_next:}}}%
6474     \fi:}
6475 \def\EQ_post_process:{%
6476     \EQ_initialize:
6477     \EQ_begin_equation:
6478     \MH_if_boolean:nT {outer_mult}{
6479         \setkeys{\MT_options_name:}{
6480             firstline-afterskip=0pt,
6481             lastline-preskip=0pt,
6482             multlined-width=0pt,
6483         }
6484         \ifodd \l_EQ_alignmentmode_int
6485             \setkeys{\MT_options_name:}{multlined-pos=b}
6486         \else:
6487             \setkeys{\MT_options_name:}{multlined-pos=t}
6488         \fi:
6489         \g@addto@macro\EQ_complete_mathdisplay:{
6490             \begin{MTmultlined}\relax}
6491     }
6492     \g@addto@macro\EQ_complete_mathdisplay:\EQ_mathbody:
6493     \MH_if_boolean:nT {outer_mult}{
6494         \g@addto@macro\EQ_complete_mathdisplay:{\end{MTmultlined}}
6495     }
6496     \EQ_end_equation:
6497     \edef\EQ_hyperref_link_fint{\number\Hy@linkcounter}
6498     \savecounters@
6499     \EQ_typeset_tags:
6500     \edef\l_EQ_equation_fint{\number\c@equation}
6501     \restorecounters@
6502     \Hy@linkcounter=\EQ_hyperref_link_fint
6503     \settowidth\l_EQ_totalwidth_dim{%
6504         $\EQ_left_side:\EQ_innerbox:{}\EQ_right_side:$}%
6505     \MH_if_boolean:nTF {outer_mult}
6506     { \def\EQ_next:{_mult} }
6507     { \def\EQ_next:{} }
6508     \@nameuse{EQ_modify_linewidth_
6509         \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
6510     \EQ_typeset_display:
6511     \@nameuse{find_displaywidth_
6512         \romannumeral\l_EQ_equationtype_int\EQ_next: :}
6513     \MH_addtolength:dn
6514         \l_EQ_totalwidth_dim{\l_EQ_displaywidth_dim}
6515     \savebox\EQ_mathdisplay_box[\l_EQ_totalwidth_dim][c]{%
6516         $\EQ_left_side:
6517         \EQ_innerbox:{%
6518             \if_case:w \l_EQ_alignmentmode_int\or:

```

```

6519         \makebox[\l_EQ_displaywidth_dim][c]
6520         {\usebox{\EQ_mathdisplay_box}}%
6521     \or:
6522         \makebox[\l_EQ_displaywidth_dim][c]
6523         {\usebox{\EQ_mathdisplay_box}}%
6524     \or:
6525         \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6526             \if_num:w \l_EQ_equationtype_int=5 \else:
6527                 \if_num:w \l_EQ_equationtype_int=6 \else:
6528                     \kern-\@mathmargin
6529                 \fi:
6530             \fi:
6531             \usebox{\EQ_mathdisplay_box}}%
6532         \else\makebox[\l_EQ_displaywidth_dim][l]{%
6533             \if_num:w \l_EQ_equationtype_int=5 \else:
6534                 \if_num:w \l_EQ_equationtype_int=6 \else:
6535                     \kern-\@mathmargin
6536                 \fi:
6537             \fi:
6538             \usebox{\EQ_mathdisplay_box}}\fi%
6539     \or:
6540         \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6541             \if_num:w \l_EQ_equationtype_int=5 \else:
6542                 \if_num:w \l_EQ_equationtype_int=6 \else:
6543                     \kern-\@mathmargin
6544                 \fi:
6545             \fi:
6546             \usebox{\EQ_mathdisplay_box}}
6547         \else\makebox[\l_EQ_displaywidth_dim][l]{%
6548             \if_num:w \l_EQ_equationtype_int=5 \else:
6549                 \if_num:w \l_EQ_equationtype_int=6 \else:
6550                     \kern-\@mathmargin
6551                 \fi:
6552             \fi:
6553             \usebox{\EQ_mathdisplay_box}}\fi%
6554     \fi:}%
6555     \EQ_right_side:$}%
6556 \begin{AmSequation*}
6557 \@nameuse{EQ_place_display_
6558     \romannumeral\l_EQ_equationtype_int\EQ_next: :}
6559 \if_dim:w \g_EQ_widesttag_dim>\z@
6560 \MH_set_boolean_T:n {show_manual_tags}
6561 \if_case:w \l_EQ_alignmentmode_int
6562 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#1
6563 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#2
6564 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#3
6565 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#4
6566 \fi:
6567 \fi:
6568 \end{AmSequation*}

```

```

6569 \global\c@equation=\l_EQ_equation_fint\relax
6570 }
6571 \AtBeginDocument{%
6572 \ifpackageloaded{fancybox}{%
6573 \ifpackageloaded{color}{\definecolor{shadowcolor}{rgb}{0,0,0}}%
6574 {\renewcommand*\textcolor[2]{\normalcolor{#2}}}%
6575 \renewcommand*\shadowbox{%
6576 \@ifstar{MH_set_boolean_T:n {shadowbox_star}
6577 \VerbBox\EQ_shadowbox:n}
6578 {\MH_set_boolean_F:n {shadowbox_star}
6579 \VerbBox\EQ_shadowbox:n}}
6580 \def\EQ_shadowbox:n #1{%
6581 \sbox{z@}{\fbox{#1}}%
6582 \MH_if_boolean:nTF {shadowbox_star}{
6583 \MH_setlength:dn \@tempdima{z@}%
6584 }{
6585 \MH_setlength:dn \@tempdima{\dp z@+\shadowsize}%
6586 }
6587 \raisebox{\@tempdima}{%
6588 \if@RTL\makebox[z@][r]{%
6589 \kern\shadowsize \textcolor{shadowcolor}{%
6590 \rule[-\dp z@-\shadowsize]{\wd z@}{\shadowsize}}}%
6591 }%
6592 \else\makebox[z@][l]{%
6593 \kern\shadowsize \textcolor{shadowcolor}{%
6594 \rule[-\dp z@-\shadowsize]{\wd z@}{\shadowsize}}}%
6595 }%
6596 \usebox{z@}\textcolor{shadowcolor}{%
6597 \rule[-\dp z@-\shadowsize]{\shadowsize}{\ht z@+\dp z@}}}%
6598 }{}%
6599 }
6600 \MHInternalSyntaxOff

```

7.50 extarticle-xetex-bidi.def

```

6601 \ProvidesFile{extarticle-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for extarticle class f
6602 \renewcommand*\l@section[2]{%
6603 \ifnum \c@tocdepth > \z@
6604 \addpenalty\secpenalty
6605 \addvspace{1.0em \@plus\p@}%
6606 \setlength\@tempdima{1.5em}%
6607 \begingroup
6608 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6609 \parfillskip -\@pnumwidth
6610 \leavevmode \bfseries
6611 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
6612 \hskip -\if@RTL\rightskip\else\leftskip\fi
6613 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
6614 \endgroup
6615 \fi}

```

```

6616 \renewcommand*{\l@part[2]}{%
6617 \ifnum \c@tocdepth >-2\relax
6618 \addpenalty\@secpenalty
6619 \addvspace{2.25em \@plus\p@}%
6620 \begingroup
6621 \setlength\@tempdima{3em}%
6622 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6623 \parfillskip -\@pnumwidth
6624 {\leavevmode
6625 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
6626 \nobreak
6627 \endgroup
6628 \fi}
6629 \def\@part[#1]#2{%
6630 \ifnum \c@secnumdepth >\m@ne
6631 \refstepcounter{part}%
6632 \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
6633 \else
6634 \addcontentsline{toc}{part}{#1}%
6635 \fi
6636 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6637 \interlinepenalty \@M
6638 \normalfont
6639 \ifnum \c@secnumdepth >\m@ne
6640 \Large\bfseries \partname~\thepart
6641 \par\nobreak
6642 \fi
6643 \huge \bfseries #2%
6644 \markboth{}{}\par}%
6645 \nobreak
6646 \vskip 3ex
6647 \@afterheading}
6648 \def\@spart#1{%
6649 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6650 \interlinepenalty \@M
6651 \normalfont
6652 \huge \bfseries #1\par}%
6653 \nobreak
6654 \vskip 3ex
6655 \@afterheading}
6656 \renewenvironment{thebibliography}[1]
6657 {\section*{\refname
6658 \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}}%
6659 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
6660 \list{\@biblabel{\@arabic\c@enumiv}}%
6661 {\settowidth\labelwidth{\@biblabel{#1}}%
6662 \leftmargin\labelwidth
6663 \advance\leftmargin\labelsep
6664 \@openbib@code
6665 \usecounter{enumiv}%

```

```

6666         \let\p@enumiv\@empty
6667         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
6668         \sloppy\clubpenalty4000\widowpenalty4000%
6669         \sfcode`\.\@m}
6670     {\def\@noitemerr
6671      {\@latex@warning{Empty `thebibliography' environment}}}%
6672     \endlist}
6673 \renewcommand\left@footnoterule{%
6674   \kern-3\p@
6675   \hrule\@width.4\columnwidth
6676   \kern2.6\p@}
6677 \renewcommand\right@footnoterule{%
6678   \hbox to \columnwidth
6679   {\beginR \vbox{%
6680     \kern-3\p@
6681     \hrule\@width.4\columnwidth
6682     \kern2.6\p@}\hfil\endR}}
6683   \if@titlepage
6684   \renewcommand\maketitle{\begin{titlepage}%
6685     \let\footnotesize\small
6686     \let\right@footnoterule\relax
6687     \let\left@footnoterule\relax
6688     \let\textwidth\footnoterule\relax
6689     \let \footnote \thanks
6690     \null\vfil
6691     \vskip 60\p@
6692     \begin{center}%
6693       {\LARGE \@title \par}%
6694       \vskip 3em%
6695       {\large
6696         \lineskip .75em%
6697         \begin{tabular}[t]{c}%
6698           \@author
6699           \end{tabular}\par}%
6700       \vskip 1.5em%
6701       {\large \@date \par}%           % Set date in \large size.
6702     \end{center}\par
6703     \@thanks
6704     \vfil\null
6705     \end{titlepage}%
6706     \setcounter{footnote}{0}%
6707     \global\let\thanks\relax
6708     \global\let\maketitle\relax
6709     \global\let\@thanks\@empty
6710     \global\let\@author\@empty
6711     \global\let\@date\@empty
6712     \global\let\@title\@empty
6713     \global\let\title\relax
6714     \global\let\author\relax
6715     \global\let\date\relax

```

```

6716 \global\let\and\relax
6717 }
6718 \else
6719 \renewcommand\maketitle{\par
6720 \begin{group}
6721 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
6722 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6723 \long\def\@makefnmark##1{\parindent 1em\noindent
6724 \hb@xt@1.8em{%
6725 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6726 \if@twocolumn
6727 \ifnum \col@number=\@ne
6728 \@maketitle
6729 \else
6730 \twocolumn[\@maketitle]%
6731 \fi
6732 \else
6733 \newpage
6734 \global\@topnum\z@ % Prevents figures from going at top of page.
6735 \@maketitle
6736 \fi
6737 \thispagestyle{plain}\@thanks
6738 \endgroup
6739 \setcounter{footnote}{0}%
6740 \global\let\thanks\relax
6741 \global\let\maketitle\relax
6742 \global\let\@maketitle\relax
6743 \global\let\@thanks\@empty
6744 \global\let\@author\@empty
6745 \global\let\@date\@empty
6746 \global\let\@title\@empty
6747 \global\let\title\relax
6748 \global\let\author\relax
6749 \global\let\date\relax
6750 \global\let\and\relax
6751 }
6752 \def\@maketitle{%
6753 \newpage
6754 \null
6755 \vskip 2em%
6756 \begin{center}%
6757 \let \footnote \thanks
6758 {\LARGE \@title \par}%
6759 \vskip 1.5em%
6760 {\large
6761 \lineskip .5em%
6762 \begin{tabular}[t]{c}%
6763 \@author
6764 \end{tabular}\par}%
6765 \vskip 1em%

```

```

6766     {\large \@date}%
6767   \end{center}%
6768   \par
6769   \vskip 1.5em}
6770 \fi
6771 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@section}
6772 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
6773 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
6774 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}%%

```

7.51 extbook-xetex-bidi.def

```

6775 \ProvidesFile{extbook-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for extbook class for XeT
6776 \if@titlepage
6777   \renewcommand\maketitle{\begin{titlepage}%
6778     \let\footnotesize\small
6779     \let\right@footnoterule\relax
6780     \let\left@footnoterule\relax
6781     \let\textwidth\footnoterule\relax
6782     \let \footnote \thanks
6783     \let \LTRfootnote \LTRthanks
6784     \let \RTLfootnote \RTLthanks
6785     \null\vfil
6786     \vskip 60\p@
6787     \begin{center}%
6788       {\LARGE \@title \par}%
6789       \vskip 3em%
6790       {\large
6791         \lineskip .75em%
6792         \begin{tabular}[t]{c}%
6793           \@author
6794         \end{tabular}\par}%
6795       \vskip 1.5em%
6796       {\large \@date \par}%           % Set date in \large size.
6797     \end{center}\par
6798     \@thanks
6799     \vfil\null
6800   \end{titlepage}%
6801   \setcounter{footnote}{0}%
6802   \global\let\thanks\relax
6803   \global\let\LTRthanks\relax
6804   \global\let\RTLthanks\relax
6805   \global\let\maketitle\relax
6806   \global\let\@thanks\@empty
6807   \global\let\@author\@empty
6808   \global\let\@date\@empty
6809   \global\let\@title\@empty
6810   \global\let\title\relax
6811   \global\let\author\relax
6812   \global\let\date\relax

```

```

6813 \global\let\and\relax
6814 }
6815 \else
6816 \renewcommand\maketitle{\par
6817 \begin{group}
6818 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
6819 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6820 \long\def\@makefnmark##1{\parindent 1em\noindent
6821 \hbox{##1.8em}%
6822 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6823 \if@twocolumn
6824 \ifnum \col@number=\@ne
6825 \@maketitle
6826 \else
6827 \twocolumn[\@maketitle]%
6828 \fi
6829 \else
6830 \newpage
6831 \global\@topnum\z@ % Prevents figures from going at top of page.
6832 \@maketitle
6833 \fi
6834 \thispagestyle{plain}\@thanks
6835 \endgroup
6836 \setcounter{footnote}{0}%
6837 \global\let\thanks\relax
6838 \global\let\LTRthanks\relax
6839 \global\let\RTLthanks\relax
6840 \global\let\maketitle\relax
6841 \global\let\@maketitle\relax
6842 \global\let\@thanks\@empty
6843 \global\let\@author\@empty
6844 \global\let\@date\@empty
6845 \global\let\@title\@empty
6846 \global\let\title\relax
6847 \global\let\author\relax
6848 \global\let\date\relax
6849 \global\let\and\relax
6850 }
6851 \def\@maketitle{%
6852 \newpage
6853 \null
6854 \vskip 2em%
6855 \begin{center}%
6856 \let \footnote \thanks
6857 \let \LTRfootnote \LTRthanks
6858 \let \RTLfootnote \RTLthanks
6859 {\LARGE \@title \par}%
6860 \vskip 1.5em%
6861 {\large
6862 \lineskip .5em%

```

```

6863 \begin{tabular}[t]{c}%
6864 \@author
6865 \end{tabular}\par}%
6866 \vskip 1em%
6867 {\large \@date}%
6868 \end{center}%
6869 \par
6870 \vskip 1.5em}
6871 \fi
6872 \renewcommand*\l@part[2]{%
6873 \ifnum \c@tocdepth >-2\relax
6874 \addpenalty{-\@highpenalty}%
6875 \addvspace{2.25em \@plus\p@}%
6876 \begingroup
6877 \parindent \z@ \ifRTL\leftskip\else\rightskip\fi \@pnumwidth
6878 \parfillskip -\@pnumwidth
6879 {\leavevmode
6880 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
6881 \nobreak
6882 \global\@nobreaktrue
6883 \everypar{\global\@nobreakfalse\everypar{}}%
6884 \endgroup
6885 \fi}
6886 \renewcommand\theequation
6887 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
6888 \renewcommand \thefigure
6889 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
6890 \renewcommand \thetable
6891 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
6892 \renewcommand \thechapter {\@arabic\c@chapter}
6893 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
6894 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
6895 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
6896 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
6897 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
6898 \def\@makechapterhead#1{%
6899 \vspace*{50\p@}%
6900 {\parindent \z@ \ifRTL\raggedleft\else\raggedright\fi \normalfont
6901 \ifnum \c@secnumdepth >\m@ne
6902 \if@mainmatter
6903 \huge\bfseries \@chapapp\space \thechapter
6904 \par\nobreak
6905 \vskip 20\p@
6906 \fi
6907 \fi
6908 \interlinepenalty\@M
6909 \Huge \bfseries #1\par\nobreak
6910 \vskip 40\p@
6911 }}
6912

```

```

6913 \def\@makeschapterhead#1{%
6914   \vspace*{50\p@}%
6915   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6916     \normalfont
6917     \interlinepenalty\@M
6918     \Huge \bfseries #1\par\nobreak
6919     \vskip 40\p@
6920   }}
6921 \renewcommand\backmatter{%
6922   \if@openright
6923     \cleardoublepage
6924   \else
6925     \clearpage
6926   \fi
6927   \@mainmatterfalse}
6928 \renewenvironment{thebibliography}[1]
6929   {\chapter*{\bibname
6930     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
6931   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
6932   \list{\@biblabel{\@arabic\c@enumiv}}%
6933     {\settowidth\labelwidth{\@biblabel{#1}}%
6934     \leftmargin\labelwidth
6935     \advance\leftmargin\labelsep
6936     \@openbib@code
6937     \usecounter{enumiv}%
6938     \let\p@enumiv\@empty
6939     \renewcommand\theenumiv{\@arabic\c@enumiv}}%
6940   \sloppy
6941   \clubpenalty4000
6942   \@clubpenalty \clubpenalty
6943   \widowpenalty4000%
6944   \sfcode`\.\@m}
6945   {\def\@noitemerr
6946     {\@latex@warning{Empty `thebibliography' environment}}%
6947   \endlist}

```

7.52 extletter-xetex-bidi.def

```

6948 \ProvidesFile{extletter-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extletter class for
6949 \renewcommand*\opening}[1]{\ifx\@empty\fromaddress
6950   \thispagestyle{firstpage}%
6951   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
6952   \else % home address
6953     \thispagestyle{empty}%
6954     {\if@RTL\raggedright\begin{tabular}{r@{}}\else\raggedleft\begin{tabular}{l@{}}\fi\ignorespaces
6955       \fromaddress \*[2\parskip]%
6956       \@date \end{tabular}\par}%
6957   \fi
6958   \vspace{2\parskip}%
6959   {\if@RTL\raggedleft\else\raggedright\fi \toname \[2\parskip] \toaddress \par}%

```

```

6960 \vspace{2\parskip}%
6961 #1\par\nobreak}
6962 \renewcommand{\closing}[1]{\par\nobreak\vspace{\parskip}%
6963 \stopbreaks
6964 \noindent
6965 \ifx\@empty\fromaddress\else
6966 \hspace*{\longindentation}\fi
6967 \parbox{\indentedwidth}{\if@RTL\raggedleft\else\raggedright\fi
6968 \ignorespaces #1\[[6\medskipamount]}%
6969 \ifx\@empty\fromsig
6970 \fromname
6971 \else \fromsig \fi\strut}%
6972 \par}
6973 \renewcommand\left@footnoterule{%
6974 \kern-\p@
6975 \hrule \@width .4\columnwidth
6976 \kern .6\p@}
6977 \renewcommand\right@footnoterule{%
6978 \hbox to \columnwidth
6979 {\beginR \vbox{%
6980 \kern-\p@
6981 \hrule \@width .4\columnwidth
6982 \kern .6\p@}\hfil\endR}}

```

7.53 extrafootnotefeatures-xetex-bidi.def

```

6983 \ProvidesFile{extrafootnotefeatures-xetex-bidi.def}[2012/12/12 v0.4 bidi extra footnote feature
6984 \let\autofootnoterule\relax
6985 \let\rightfootnoterule\relax
6986 \let\leftfootnoterule\relax
6987 \let\textwidthfootnoterule\relax
6988 \let\LRfootnoterule\relax
6989 \def\footnoterule{\kern-3\p@
6990 \hrule \@width \columnwidth \kern 2.6\p@}
6991 \bidi@ensure@newcommand{\setRTLparagraphfootnotes}{\@parafootRTLtrue}
6992 \bidi@ensure@newcommand{\setLTRparagraphfootnotes}{\@parafootRTLfalse}
6993 \renewcommand{\@footnotetext}[1]{%
6994 \insert\footins{%
6995 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
6996 \def\baselinestretch{\m@m@footnote@spacing}%
6997 \reset@font
6998 \foottextfont
6999 \@preamfntext
7000 \hsize\columnwidth
7001 \protected@edef\@currentlabel{%
7002 \csname p@footnote\endcsname\@thefnmark}%
7003 \color@begingroup
7004 \@makefntext{%
7005 \rule\z@\footnotesep\ignorespaces{\foottextfont #1}%
7006 \@finalstrut\strutbox}%

```

```

7007 \color@endgroup}%
7008 \m@mmf@prepare}
7009 \renewcommand{\@RTLfootnotetext}[1]{%
7010 \insert\footins{%
7011 \RTLtrue%
7012 \def\baselinestretch{\m@m@footnote@spacing}%
7013 \reset@font
7014 \RTLfoottextfont
7015 \@preamfntext
7016 \hsize\columnwidth
7017 \protected@edef\@currentlabel{%
7018 \csname p@footnote\endcsname\@thefnmark}%
7019 \color@begingroup
7020 \@makefntext{%
7021 \rule\z@\footnotesep\ignorespaces{\RTLfoottextfont #1}%
7022 \@finalstrut\strutbox}%
7023 \color@endgroup}%
7024 \m@mmf@prepare}
7025 \renewcommand{\@LTRfootnotetext}[1]{%
7026 \insert\footins{%
7027 \RTLfalse%
7028 \def\baselinestretch{\m@m@footnote@spacing}%
7029 \reset@font
7030 \LTRfoottextfont
7031 \@preamfntext
7032 \hsize\columnwidth
7033 \protected@edef\@currentlabel{%
7034 \csname p@footnote\endcsname\@thefnmark}%
7035 \color@begingroup
7036 \@makefntext{%
7037 \rule\z@\footnotesep\ignorespaces{\LTRfoottextfont #1}%
7038 \@finalstrut\strutbox}%
7039 \color@endgroup}%
7040 \m@mmf@prepare}
7041 \renewcommand{\@mpfootnotetext}[1]{%
7042 \global\setbox\@mpfootins\vbox{\ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7043 \unvbox\@mpfootins
7044 \def\baselinestretch{\m@m@footnote@spacing}%
7045 \foottextfont \hsize\columnwidth \@parboxrestore
7046 \protected@edef\@currentlabel{%
7047 \csname p@mpfootnote\endcsname\@thefnmark}%
7048 \color@begingroup
7049 \reset@font%
7050 \@makefntext{%
7051 \rule\z@\footnotesep\ignorespaces{\foottextfont #1}%
7052 \@finalstrut\strutbox}%
7053 \color@endgroup}}
7054 \renewcommand{\@mpLTRfootnotetext}[1]{%
7055 \global\setbox\@mpfootins\vbox{\@RTLfalse%
7056 \unvbox\@mpfootins

```

```

7057 \def\baselinestretch{\m@m@footnote@spacing}%
7058 \LTRfoottextfont \hsize\columnwidth \@parboxrestore
7059 \protected@edef\@currentlabel{%
7060 \csname p@mpfootnote\endcsname\@thefnmark}%
7061 \color@begingroup
7062 \reset@font%
7063 \@makefnintext{%
7064 \rule\z@\footnotesep\ignorespaces{\LTRfoottextfont #1}%
7065 \@finalstrut\strutbox}%
7066 \color@endgroup}}
7067 \renewcommand{\@mpRTLfootnotetext}[1]{%
7068 \global\setbox\@mpfootins\vbox{\@RTLtrue%
7069 \unvbox\@mpfootins
7070 \def\baselinestretch{\m@m@footnote@spacing}%
7071 \RTLfoottextfont \hsize\columnwidth \@parboxrestore
7072 \protected@edef\@currentlabel{%
7073 \csname p@mpfootnote\endcsname\@thefnmark}%
7074 \color@begingroup
7075 \reset@font%
7076 \@makefnintext{%
7077 \rule\z@\footnotesep\ignorespaces{\RTLfoottextfont #1}%
7078 \@finalstrut\strutbox}%
7079 \color@endgroup}}
7080 \let\m@mold@footnotetext\@footnotetext
7081 \let\m@mold@LTRfootnotetext\@LTRfootnotetext
7082 \let\m@mold@RTLfootnotetext\@RTLfootnotetext
7083 \let\m@mold@mpfootnotetext\@mpfootnotetext
7084 \let\m@mold@mpLTRfootnotetext\@mpLTRfootnotetext
7085 \let\m@mold@mpRTLfootnotetext\@mpRTLfootnotetext
7086 \bidi@ensure@newcommand{\normalfootnotes}{%
7087 \let\@footnotetext\m@mold@footnotetext
7088 \let\@LTRfootnotetext\m@mold@LTRfootnotetext
7089 \let\@RTLfootnotetext\m@mold@RTLfootnotetext
7090 \let\@mpfootnotetext\m@mold@mpfootnotetext
7091 \let\@mpLTRfootnotetext\m@mold@mpLTRfootnotetext
7092 \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext}
7093 \ifclassloaded{memoir}{\let\plainfootnotes\normalfootnotes}{%
7094 \bidi@ensure@newcommand*\@RTLcolumnfootnotes{\@RTLcolumnfootnotestrue}
7095 \bidi@ensure@newcommand*\@LTRcolumnfootnotes{\@RTLcolumnfootnotestrue}
7096 \bidi@ensure@newcommand*\@setSingleSpace}[1]{%
7097 \def\m@m@singlespace{#1}%
7098 \def\m@m@footnote@spacing{#1}%
7099 \def\m@m@float@spacing{#1} %
7100 }
7101 \setSingleSpace{1}
7102 \newinsert\sideins
7103 \bidi@ensure@newcommand*\@multiplefootnotemarker}{3sp}
7104 \bidi@ensure@newcommand*\@mmf@prepare}{%
7105 \kern-\@multiplefootnotemarker
7106 \kern\@multiplefootnotemarker\relax}

```

```

7107 \bidi@ensure@newlength{\footmarkwidth}
7108 \bidi@ensure@newlength{\footmarksep}
7109 \bidi@ensure@newlength{\footparindent}
7110 \bidi@ensure@newcommand*{\footmarkstyle}[1]{\def\footscript##1{#1}}
7111 \bidi@ensure@newcommand{\footfootmark}{%
7112   \ifdim\footmarkwidth < \z@
7113     \llap{\hb@xt@ -\footmarkwidth{%
7114       \hss\normalfont\footscript{\@thefnmark}}}%
7115     \hspace*{-\footmarkwidth}}%
7116   \else
7117     \ifdim\footmarkwidth = \z@
7118       {\normalfont\footscript{\@thefnmark}}%
7119     \else
7120       \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\@thefnmark}}%
7121     \fi
7122   \fi}
7123 \footmarkstyle{\textsuperscript{#1}}
7124 \setlength{\footmarkwidth}{1.8em}
7125 \setlength{\footparindent}{1em}
7126 \bidi@ensure@newcommand{\m@mdoextrafeet}{\extrafeetins}
7127 \bidi@ensure@newcommand*{\extrafeetins}{%
7128   \setbox\@outputbox \vbox{%
7129     \boxmaxdepth \@maxdepth
7130     \unvbox\@outputbox
7131     \ifvoid\footinsv@r\else\@footstartv@r\@footgroupv@r\fi
7132     \extrafeetinshook}}
7133 \bidi@ensure@newcommand{\extrafeetinshook}{%
7134   \bidi@ensure@newcommand{\foottextfont}{\footnotesize}
7135   \bidi@ensure@newcommand{\LTRfoottextfont}{\footnotesize}
7136   \bidi@ensure@newcommand{\RTLfoottextfont}{\footnotesize}
7137   \bidi@ensure@newlength{\footinsdim}
7138   \setlength{\footinsdim}{8in} % standard for \dimen\footins
7139   \bidi@ensure@newcommand{\@preamfntext}{%
7140     \interlinepenalty\interfootnotelinepenalty
7141     \floatingpenalty \@MM
7142     \splittopskip=\footnotesep
7143     \splitmaxdepth=\dp\strutbox
7144     \@parboxrestore}
7145   \bidi@ensure@newcommand{\m@mdoextrafeetmini}{%
7146     \extrafeetminihook}
7147   \bidi@ensure@newcommand{\extrafeetendmini}{%
7148     \ifvoid\@mpfootinsv@r\else
7149       \vskip\skip\@mpfootins
7150       \normalcolor\footnoterule\mp@footgroupv@r
7151     \fi
7152     \extrafeetendminihook}
7153   \bidi@ensure@newcommand{\extrafeetendminihook}{%
7154     \bidi@ensure@newcommand{\m@mdoextrafeetendmini}{\extrafeetendmini}
7155   \def\endminipage{%
7156     \par

```

```

7157 \unskip
7158 \ifvoid\@mpfootins\else
7159 \vskip\skip\@mpfootins
7160 \normalcolor
7161 \footnoterule
7162 \unvbox\@mpfootins
7163 \fi
7164 \m@doextrafeetendmini
7165 \@minipagefalse
7166 \color@endgroup
7167 \egroup
7168 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
7169 \bidi@ensure@newcommand{\m@make@footstart}[1]{%
7170 \@namedef{\footstart#1}{%
7171 \vskip\bigskipamount
7172 \leftskip=\z@
7173 \rightskip=\z@
7174 \footnoterule}}
7175 \newinsert\footinsv@r
7176 \skip\footinsv@r\bigskipamount
7177 \count\footinsv@r=1000 % no magnification
7178 \dimen\footinsv@r=\footinsdim
7179 \m@make@footstart{v@r}
7180 \bidi@ensure@newcommand{\@footgroupv@r}{%
7181 \newinsert\@mpfootinsv@r
7182 \bidi@ensure@newcommand{\mp@footgroupv@r}{%
7183 \newcount\m@m@k \newdimen\m@m@h
7184 \@ifpackageloaded{multicol}{%
7185 \bidi@ensure@newcommand*\{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7186 \hsize\textwidth
7187 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7188 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7189 }{%
7190 \bidi@ensure@newcommand*\{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7191 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7192 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7193 \bidi@ensure@newcommand*\{\m@mdosplits}{\ifnum\m@m@k>0 \noalign{\hfil}\m@msplitoff
7194 \global\advance\m@m@k-1\cr\m@mdosplits\fi}
7195 \bidi@ensure@newcommand*\{\m@msplitoff}{\dimen0=\ht0
7196 \divide\dimen0 by\m@m@k \advance\dimen0 by\m@m@h
7197 \setbox2 \vsplit0 to \dimen0
7198 \unvbox2 }
7199 \bidi@ensure@newcommand{\twocolumnfootnotes}{%
7200 \@namedef{\foottextfontv@r}{\foottextfont}% % [RS]
7201 \let\@footnotetext\@twocolfootnotetext
7202 \let\@LTRfootnotetext\@twocolLTRfootnotetext
7203 \let\@RTLfootnotetext\@twocolRTLfootnotetext
7204 \dimen\footinsv@r=2\footinsdim
7205 \count\footinsv@r=500\relax
7206 \m@make@twocol@footgroup{v@r}%

```

```

7207 \let\@footgroupv@r\@twocol@footgroupv@r
7208 \let\@mpfootnotetext\@mptwocolfootnotetext
7209 \let\@mplTRfootnotetext\@mptwocolLTRfootnotetext
7210 \let\@mpRTLfootnotetext\@mptwocolRTLfootnotetext
7211 \m@make@mptwocol@footgroup{v@r}%
7212 \let\mp@footgroupv@r\@mptwocol@footgroupv@r}
7213 \bidi@ensure@newcommand{\@twocolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
7214 \def\baselinestretch{\m@m@footnote@spacing}%
7215 \reset@font\foottextfont
7216 \@preamfntext
7217 \protected@edef\@currentlabel{%
7218 \csname p@footnote\endcsname\@thefnmark}%
7219 \color@begingroup
7220 \@twocolfootfmt{#1}%
7221 \color@endgroup}%
7222 \m@mmf@prepare}
7223 \bidi@ensure@newcommand{\@twocolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes%
7224 \def\baselinestretch{\m@m@footnote@spacing}%
7225 \reset@font\LTRfoottextfont
7226 \@preamfntext
7227 \protected@edef\@currentlabel{%
7228 \csname p@footnote\endcsname\@thefnmark}%
7229 \color@begingroup
7230 \@twocolLTRfootfmt{#1}%
7231 \color@endgroup}%
7232 \m@mmf@prepare}
7233 \bidi@ensure@newcommand{\@twocolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7234 \def\baselinestretch{\m@m@footnote@spacing}%
7235 \reset@font\RTLfoottextfont
7236 \@preamfntext
7237 \protected@edef\@currentlabel{%
7238 \csname p@footnote\endcsname\@thefnmark}%
7239 \color@begingroup
7240 \@twocolRTLfootfmt{#1}%
7241 \color@endgroup}%
7242 \m@mmf@prepare}
7243 \bidi@ensure@newcommand{\@preamtwofmt}{%
7244 \hspace{.45\hspace}
7245 \parindent=\z@
7246 \tolerance=5000\relax
7247 \leavevmode}
7248 \bidi@ensure@newcommand{\@twocolfootfmt}[1]{%
7249 \@preamtwofmt
7250 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7251 \bidi@ensure@newcommand{\@twocolLTRfootfmt}[1]{%
7252 \@preamtwofmt
7253 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7254 \bidi@ensure@newcommand{\@twocolRTLfootfmt}[1]{%
7255 \@preamtwofmt
7256 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}

```

```

7257 \bidi@ensure@newcommand{\@mptwocolfootnotetext}[1]{%
7258   \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7259     \unvbox\@mpfootinsv@r
7260     \def\baselinestretch{\m@m@footnote@spacing}%
7261     \reset@font\foottextfont
7262     \hsize\columnwidth \@parboxrestore
7263     \protected@edef\@currentlabel{%
7264       \csname p@mpfootnote\endcsname\@thefnmark}%
7265     \color@begingroup
7266     \@twocolfootfmt{#1}%
7267     \color@endgroup}%
7268   \m@m@mmf@prepare}
7269 \bidi@ensure@newcommand{\@mptwocolLTRfootnotetext}[1]{%
7270   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7271     \unvbox\@mpfootinsv@r
7272     \def\baselinestretch{\m@m@footnote@spacing}%
7273     \reset@font\LTRfoottextfont
7274     \hsize\columnwidth \@parboxrestore
7275     \if@RTLcolumnfootnotes\beginL\fi
7276     \protected@edef\@currentlabel{%
7277       \csname p@mpfootnote\endcsname\@thefnmark}%
7278     \color@begingroup
7279     \@twocolLTRfootfmt{#1}%
7280     \color@endgroup}%
7281   \m@m@mmf@prepare}
7282 \bidi@ensure@newcommand{\@mptwocolRTLfootnotetext}[1]{%
7283   \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
7284     \unvbox\@mpfootinsv@r
7285     \def\baselinestretch{\m@m@footnote@spacing}%
7286     \reset@font\RTLfoottextfont
7287     \hsize\columnwidth \@parboxrestore
7288     \protected@edef\@currentlabel{%
7289       \csname p@mpfootnote\endcsname\@thefnmark}%
7290     \color@begingroup
7291     \@twocolRTLfootfmt{#1}%
7292     \color@endgroup}%
7293   \m@m@mmf@prepare}
7294 \bidi@ensure@newcommand{\twocolumnfootstyle}[1]{%
7295   \m@make@twocolfootnotetext{#1}%
7296   \m@make@mptwocolfootnotetext{#1}%
7297   \m@make@twocolfootfmt{#1}%
7298   \m@make@twocol@footgroup{#1}%
7299   \m@make@mptwocol@footgroup{#1}%
7300   \m@make@footstart{#1}%
7301   \bidi@namelongdef{\@footnotetext#1}##1{%
7302     \@nameuse{\@twocolfootnotetext#1}{##1}}%
7303   \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7304     \@nameuse{\@mptwocolfootnotetext#1}{##1}}%
7305   \@namedef{\@footgroup#1}{\@nameuse{\@twocol@footgroup#1}}%
7306   \@namedef{\mp@footgroup#1}{\@nameuse{\@mptwocol@footgroup#1}}%

```

```

7307 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7308 \expandafter\count\csname footins#1\endcsname=500\relax}
7309 \bidi@ensure@newcommand{\m@make@twocolfootnotetext}[1]{%
7310 \bidi@namelongdef{@twocolfootnotetext#1}##1{%
7311 \insert\@nameuse{footins#1}{%
7312 \def\baselinestretch{\m@m@footnote@spacing}%
7313 \reset@font\@nameuse{foottextfont#1}%
7314 \@preamfntext
7315 \protected@edef\@currentlabel{%
7316 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}}%
7317 \color@begingroup
7318 \@nameuse{@twocolfootfmt#1}{##1}%
7319 \color@endgroup}%
7320 \m@mmf@prepare}}
7321 \bidi@ensure@newcommand{\m@make@mptwocolfootnotetext}[1]{%
7322 \bidi@namelongdef{@mptwocolfootnotetext#1}##1{%
7323 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7324 \unvbox\@nameuse{@mpfootins#1}
7325 \def\baselinestretch{\m@m@footnote@spacing}%
7326 \reset@font\@nameuse{foottextfont#1}%
7327 \hsize\columnwidth \@parboxrestore
7328 \protected@edef\@currentlabel{%
7329 \csname p@mpfootnote#1\endcsname \@nameuse{@thefnmark#1}}}%
7330 \color@begingroup
7331 \@nameuse{@twocolfootfmt#1}{##1}%
7332 \color@endgroup}\m@mmf@prepare}}
7333 \bidi@ensure@newcommand{\m@make@twocol@footgroup}[1]{%
7334 \@namedef{@twocol@footgroup#1}##1{%
7335 \@preamtwofmt
7336 {\@nameuse{footfootmark#1}\strut
7337 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7338 \bidi@ensure@newcommand{\m@make@twocol@footgroup}[1]{%
7339 \@namedef{@twocol@footgroup#1}{%
7340 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7341 \m@mrigidbalance{\@nameuse{footins#1}}{\tw@}{\splittopskip}}}}
7342 \bidi@ensure@newcommand{\m@make@mptwocol@footgroup}[1]{%
7343 \@namedef{@mptwocol@footgroup#1}{%
7344 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7345 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{\tw@}{\splittopskip}}}}
7346 \bidi@ensure@newcommand{\threecolumnfootnotes}{%
7347 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7348 \let\@footnotetext\@threecolfootnotetext
7349 \let\@LTRfootnotetext\@threecolLTRfootnotetext
7350 \let\@RTLfootnotetext\@threecolRTLfootnotetext
7351 \dimen\footinsv@r=3\footinsdim
7352 \count\footinsv@r=333\relax
7353 \m@make@threecol@footgroup{v@r}%
7354 \let\@footgroupv@r\@threecol@footgroupv@r
7355 \let\@mpfootnotetext\@mpthreecolfootnotetext
7356 \let\@mplTRfootnotetext\@mpthreecolLTRfootnotetext

```

```

7357 \let\@mpRTLfootnotetext\@mpthreecolRTLfootnotetext
7358 \m@make@mpthreecol@footgroup{v@r}%
7359 \let\mp@footgroupv@r\@mpthreecol@footgroupv@r}
7360 \bidi@ensure@newcommand{\@threecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
7361 \def\baselinestretch{\m@m@footnote@spacing}%
7362 \reset@font\foottextfont
7363 \@preamfntext
7364 \protected@edef\@currentlabel{%
7365 \csname p@footnote\endcsname\@thefnmark}%
7366 \color@begingroup
7367 \@threecolfootfmt{#1}%
7368 \color@endgroup}\m@mmf@prepare}
7369 \bidi@ensure@newcommand{\@threecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote%
7370 \def\baselinestretch{\m@m@footnote@spacing}%
7371 \reset@font\LTRfoottextfont
7372 \@preamfntext
7373 \protected@edef\@currentlabel{%
7374 \csname p@footnote\endcsname\@thefnmark}%
7375 \color@begingroup
7376 \@threecolLTRfootfmt{#1}%
7377 \color@endgroup}\m@mmf@prepare}
7378 \bidi@ensure@newcommand{\@threecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7379 \def\baselinestretch{\m@m@footnote@spacing}%
7380 \reset@font\RTLfoottextfont
7381 \@preamfntext
7382 \protected@edef\@currentlabel{%
7383 \csname p@footnote\endcsname\@thefnmark}%
7384 \color@begingroup
7385 \@threecolRTLfootfmt{#1}%
7386 \color@endgroup}\m@mmf@prepare}
7387 \bidi@ensure@newcommand{\@preamthreefmt}{%
7388 \hspace{.3\hspace}
7389 \parindent=\z@
7390 \tolerance=5000\relax
7391 \leavevmode}
7392 \bidi@ensure@newcommand{\@threecolfootfmt}[1]{%
7393 \@preamthreefmt
7394 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7395 \bidi@ensure@newcommand{\@threecolLTRfootfmt}[1]{%
7396 \@preamthreefmt
7397 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7398 \bidi@ensure@newcommand{\@threecolRTLfootfmt}[1]{%
7399 \@preamthreefmt
7400 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7401 \bidi@ensure@newcommand{\@mpthreecolfootnotetext}[1]{%
7402 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7403 \unvbox\@mpfootinsv@r
7404 \def\baselinestretch{\m@m@footnote@spacing}%
7405 \reset@font\foottextfont
7406 \hspace\columnwidth \@parboxrestore

```

```

7407 \protected@edef\@currentlabel{%
7408 \csname p@mpfootnote\endcsname\@thefnmark}%
7409 \color@begingroup
7410 \@threecolfootfmt{#1}%
7411 \color@endgroup}\m@mmf@prepare}
7412 \bidi@ensure@newcommand{\@mpthreecolLTRfootnotetext}[1]{%
7413 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7414 \unvbox\@mpfootinsv@r
7415 \def\baselinestretch{\m@m@footnote@spacing}%
7416 \reset@font\LTRfoottextfont
7417 \hsize\columnwidth \@parboxrestore
7418 \ifRTLcolumnfootnotes\beginL\fi
7419 \protected@edef\@currentlabel{%
7420 \csname p@mpfootnote\endcsname\@thefnmark}%
7421 \color@begingroup
7422 \@threecolLTRfootfmt{#1}%
7423 \color@endgroup}\m@mmf@prepare}
7424 \bidi@ensure@newcommand{\@mpthreecolRTLfootnotetext}[1]{%
7425 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
7426 \unvbox\@mpfootinsv@r
7427 \def\baselinestretch{\m@m@footnote@spacing}%
7428 \reset@font\RTLfoottextfont
7429 \hsize\columnwidth \@parboxrestore
7430 \protected@edef\@currentlabel{%
7431 \csname p@mpfootnote\endcsname\@thefnmark}%
7432 \color@begingroup
7433 \@threecolRTLfootfmt{#1}%
7434 \color@endgroup}\m@mmf@prepare}
7435 \bidi@ensure@newcommand{\threecolumnfootstyle}[1]{%
7436 \m@make@threecolfootnotetext{#1}%
7437 \m@make@mpthreecolfootnotetext{#1}%
7438 \m@make@threecolfootfmt{#1}%
7439 \m@make@threecol@footgroup{#1}%
7440 \m@make@mpthreecol@footgroup{#1}%
7441 \m@make@footstart{#1}%
7442 \bidi@namelongdef{\footnotetext#1}##1{%
7443 \nameuse{@threecolfootnotetext#1}{##1}}%
7444 \bidi@namelongdef{\mpfootnotetext#1}##1{%
7445 \nameuse{@mpthreecolfootnotetext#1}{##1}}%
7446 \namedef{@footgroup#1}{\nameuse{@threecol@footgroup#1}}%
7447 \namedef{mp@footgroup#1}{\nameuse{@mpthreecol@footgroup#1}}%
7448 \expandafter\dimen\csname footins#1\endcsname=3\footinsdim
7449 \expandafter\count\csname footins#1\endcsname=333\relax}
7450 \bidi@ensure@newcommand{\m@make@threecolfootnotetext}[1]{%
7451 \bidi@namelongdef{@threecolfootnotetext#1}##1{%
7452 \insert\nameuse{footins#1}{%
7453 \def\baselinestretch{\m@m@footnote@spacing}%
7454 \reset@font\nameuse{foottextfont#1}%
7455 \@preamfntext
7456 \protected@edef\@currentlabel{%

```

```

7457 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7458 \color@begingroup
7459 \@nameuse{@threecolfootfmt#1}{##1}%
7460 \color@endgroup}\m@mmf@prepare}}
7461 \bidi@ensure@newcommand{\m@make@mpthreecolfootnotetext}[1]{%
7462 \bidi@namelongdef{@mpthreecolfootnotetext#1}##1{%
7463 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7464 \unvbox\@nameuse{@mpfootins#1}
7465 \def\baselinestretch{\m@m@footnote@spacing}%
7466 \reset@font\@nameuse{foottextfont#1}%
7467 \hsize\columnwidth \parboxrestore
7468 \protected@edef\@currentlabel{%
7469 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7470 \color@begingroup
7471 \@nameuse{@threecolfootfmt#1}{##1}%
7472 \color@endgroup}\m@mmf@prepare}}
7473 \bidi@ensure@newcommand{\m@make@threecolfootfmt}[1]{%
7474 \bidi@namelongdef{@threecolfootfmt#1}##1{%
7475 \@preamthreefmt
7476 {\@nameuse{footfootmark#1}\strut
7477 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7478 \bidi@ensure@newcommand{\m@make@threecol@footgroup}[1]{%
7479 \@namedef{@threecol@footgroup#1}{%
7480 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7481 \m@mrigidbalance{\@nameuse{footins#1}}{\thr@@}{\splittopskip}}}}
7482 \bidi@ensure@newcommand{\m@make@mpthreecol@footgroup}[1]{%
7483 \@namedef{@mpthreecol@footgroup#1}{%
7484 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7485 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{\thr@@}{\splittopskip}}}}
7486 \bidi@ensure@newcommand{\fourcolumnfootnotes}{%
7487 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7488 \let\@footnotetext\@fourcolfootnotetext
7489 \let\@LTRfootnotetext\@fourcolLTRfootnotetext
7490 \let\@RTLfootnotetext\@fourcolRTLfootnotetext
7491 \dimen\footinsv@r=4\footinsdim
7492 \count\footinsv@r=250\relax
7493 \m@make@fourcol@footgroup{v@r}%
7494 \let\@footgroupv@r\@fourcol@footgroupv@r
7495 \let\@mpfootnotetext\@mpfourcolfootnotetext
7496 \let\@mpLTRfootnotetext\@mpfourcolLTRfootnotetext
7497 \let\@mpRTLfootnotetext\@mpfourcolRTLfootnotetext
7498 \m@make@mpfourcol@footgroup{v@r}%
7499 \let\mp@footgroupv@r\@mpfourcol@footgroupv@r}
7500 \bidi@ensure@newcommand{\@fourcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
7501 \def\baselinestretch{\m@m@footnote@spacing}%
7502 \reset@font\foottextfont
7503 \@preamfntext
7504 \protected@edef\@currentlabel{%
7505 \csname p@footnote\endcsname\@thefnmark}%
7506 \color@begingroup

```

```

7507 \fourcolfootfmt{#1}%
7508 \color@endgroup}%
7509 \m@mmf@prepare}
7510 \bidi@ensure@newcommand{\fourcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes
7511 \def\baselinestretch{\m@m@footnote@spacing}%
7512 \reset@font\LTRfoottextfont
7513 \@preamfntext
7514 \protected@edef\@currentlabel{%
7515 \csname p@footnote\endcsname\@thefnmark}%
7516 \color@begingroup
7517 \fourcolLTRfootfmt{#1}%
7518 \color@endgroup}%
7519 \m@mmf@prepare}
7520 \bidi@ensure@newcommand{\fourcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7521 \def\baselinestretch{\m@m@footnote@spacing}%
7522 \reset@font\RTLfoottextfont
7523 \@preamfntext
7524 \protected@edef\@currentlabel{%
7525 \csname p@footnote\endcsname\@thefnmark}%
7526 \color@begingroup
7527 \fourcolRTLfootfmt{#1}%
7528 \color@endgroup}%
7529 \m@mmf@prepare}
7530 \bidi@ensure@newcommand{\@preamfourfmt}{%
7531 \hspace{.25\hsize}
7532 \parindent=\z@
7533 \tolerance=5000\relax
7534 \leavevmode}
7535 \bidi@ensure@newcommand{\fourcolfootfmt}[1]{%
7536 \@preamfourfmt
7537 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7538 \bidi@ensure@newcommand{\fourcolLTRfootfmt}[1]{%
7539 \@preamfourfmt
7540 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7541 \bidi@ensure@newcommand{\fourcolRTLfootfmt}[1]{%
7542 \@preamfourfmt
7543 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7544 \bidi@ensure@newcommand{\@mpfourcolfootnotetext}[1]{%
7545 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7546 \unvbox\@mpfootinsv@r
7547 \def\baselinestretch{\m@m@footnote@spacing}%
7548 \reset@font\foottextfont
7549 \hspace\columnwidth \@parboxrestore
7550 \protected@edef\@currentlabel{%
7551 \csname p@mpfootnote\endcsname\@thefnmark}%
7552 \color@begingroup
7553 \fourcolfootfmt{#1}%
7554 \color@endgroup}%
7555 \m@mmf@prepare}
7556 \bidi@ensure@newcommand{\@mpfourcolLTRfootnotetext}[1]{%

```

```

7557 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7558 \unvbox\@mpfootinsv@r
7559 \def\baselinestretch{\m@m@footnote@spacing}%
7560 \reset@font\LTRfoottextfont
7561 \hsize\columnwidth \@parboxrestore
7562 \ifRTLcolumnfootnotes\beginL\fi
7563 \protected@edef\@currentlabel{%
7564 \csname p@mpfootnote\endcsname\@thefnmark}%
7565 \color@begingroup
7566 \@fourcolLTRfootfmt{#1}%
7567 \color@endgroup}%
7568 \m@m@mmf@prepare}
7569 \bidi@ensure@newcommand{\@mpfourcolRTLfootnotetext}[1]{%
7570 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
7571 \unvbox\@mpfootinsv@r
7572 \def\baselinestretch{\m@m@footnote@spacing}%
7573 \reset@font\RTLfoottextfont
7574 \hsize\columnwidth \@parboxrestore
7575 \protected@edef\@currentlabel{%
7576 \csname p@mpfootnote\endcsname\@thefnmark}%
7577 \color@begingroup
7578 \@fourcolRTLfootfmt{#1}%
7579 \color@endgroup}%
7580 \m@m@mmf@prepare}
7581 \bidi@ensure@newcommand{\fourcolumnfootstyle}[1]{%
7582 \m@make@fourcolfootnotetext{#1}%
7583 \m@make@mpfourcolfootnotetext{#1}%
7584 \m@make@fourcolfootfmt{#1}%
7585 \m@make@fourcol@footgroup{#1}%
7586 \m@make@mpfourcol@footgroup{#1}%
7587 \m@make@footstart{#1}%
7588 \bidi@namelongdef{\@footnotetext#1}##1{%
7589 \@nameuse{\@fourcolfootnotetext#1}{##1}}%
7590 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7591 \@nameuse{\@mpfourcolfootnotetext#1}{##1}}%
7592 \@namedef{\@footgroup#1}{\@nameuse{\@fourcol@footgroup#1}}%
7593 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpfourcol@footgroup#1}}%
7594 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7595 \expandafter\count\csname footins#1\endcsname=500\relax}
7596 \bidi@ensure@newcommand{\m@make@fourcolfootnotetext}[1]{%
7597 \bidi@namelongdef{\@fourcolfootnotetext#1}##1{%
7598 \insert\@nameuse{footins#1}{%
7599 \def\baselinestretch{\m@m@footnote@spacing}%
7600 \reset@font\@nameuse{foottextfont#1}%
7601 \@preamfntext
7602 \protected@edef\@currentlabel{%
7603 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7604 \color@begingroup
7605 \@nameuse{\@fourcolfootfmt#1}{##1}%
7606 \color@endgroup}%

```

```

7607 \m@mmf@prepare}}
7608 \bidi@ensure@newcommand{\m@make@mpfourcolfootnotetext}[1]{%
7609 \bidi@namelongdef{\mpfourcolfootnotetext#1}##1{%
7610 \global\setbox\@nameuse{\mpfootins#1}\vbox{%
7611 \unvbox\@nameuse{\mpfootins#1}
7612 \def\baselinestretch{\m@m@footnote@spacing}%
7613 \reset@font\@nameuse{foottextfont#1}%
7614 \hsize\columnwidth \parboxrestore
7615 \protected@edef\@currentlabel{%
7616 \csname p@mpfootnote#1\endcsname\@nameuse{thefnmark#1}}%
7617 \color@begingroup
7618 \@nameuse{\fourcolfootfmt#1}##1}%
7619 \color@endgroup}\m@mmf@prepare}}
7620 \bidi@ensure@newcommand{\m@make@fourcolfootfmt}[1]{%
7621 \@namedef{\fourcolfootfmt#1}##1{%
7622 \@preamfourfmt
7623 {\@nameuse{footfootmark#1}\strut
7624 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7625 \bidi@ensure@newcommand{\m@make@fourcolfootgroup}[1]{%
7626 \@namedef{\fourcolfootgroup#1}{%
7627 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7628 \m@mrigidbodybalance{\@nameuse{footins#1}}{4}{\splittopskip}}}%
7629 \bidi@ensure@newcommand{\m@make@mpfourcolfootgroup}[1]{%
7630 \@namedef{\mpfourcolfootgroup#1}{%
7631 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7632 \m@mrigidbodybalance{\@nameuse{\mpfootins#1}}{4}{\splittopskip}}}%
7633 \bidi@ensure@newcommand{\fivecolumnfootnotes}{%
7634 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7635 \let\@footnotetext\@fivecolfootnotetext
7636 \let\@LTRfootnotetext\@fivecolLTRfootnotetext
7637 \let\@RTLfootnotetext\@fivecolRTLfootnotetext
7638 \dimen\footinsv@r=5\footinsdim
7639 \count\footinsv@r=200\relax
7640 \m@make@fivecolfootgroup{v@r}%
7641 \let\@footgroupv@r\@fivecolfootgroupv@r
7642 \let\@mpfootnotetext\@mpfivecolfootnotetext
7643 \let\@mpLTRfootnotetext\@mpfivecolLTRfootnotetext
7644 \let\@mpRTLfootnotetext\@mpfivecolRTLfootnotetext
7645 \m@make@mpfivecolfootgroup{v@r}%
7646 \let\mp@footgroupv@r\@mpfivecolfootgroupv@r}
7647 \bidi@ensure@newcommand{\@fivecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
7648 \def\baselinestretch{\m@m@footnote@spacing}%
7649 \reset@font\foottextfont
7650 \@preamfntext
7651 \protected@edef\@currentlabel{%
7652 \csname p@footnote\endcsname\@thefnmark}%
7653 \color@begingroup
7654 \@fivecolfootfmt{#1}%
7655 \color@endgroup}%
7656 \m@mmf@prepare}

```

```

7657 \bidi@ensure@newcommand{\@fivecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes
7658 \def\baselinestretch{\m@m@footnote@spacing}%
7659 \reset@font\LTRfoottextfont
7660 \@preamfntext
7661 \protected@edef\@currentlabel{%
7662 \csname p@footnote\endcsname\@thefnmark}%
7663 \color@begingroup
7664 \@fivecolLTRfootfmt{#1}%
7665 \color@endgroup}%
7666 \m@mmf@prepare}
7667 \bidi@ensure@newcommand{\@fivecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7668 \def\baselinestretch{\m@m@footnote@spacing}%
7669 \reset@font\RTLfoottextfont
7670 \@preamfntext
7671 \protected@edef\@currentlabel{%
7672 \csname p@footnote\endcsname\@thefnmark}%
7673 \color@begingroup
7674 \@fivecolRTLfootfmt{#1}%
7675 \color@endgroup}%
7676 \m@mmf@prepare}
7677 \bidi@ensure@newcommand{\@preamfivefmt}{%
7678 \hsize .2\hsize
7679 \parindent=\z@
7680 \tolerance=5000\relax
7681 \leavevmode}
7682 \bidi@ensure@newcommand{\@fivecolfootfmt}[1]{%
7683 \@preamfivefmt
7684 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7685 \bidi@ensure@newcommand{\@fivecolLTRfootfmt}[1]{%
7686 \@preamfivefmt
7687 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7688 \bidi@ensure@newcommand{\@fivecolRTLfootfmt}[1]{%
7689 \@preamfivefmt
7690 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7691 \bidi@ensure@newcommand{\@mpfivecolfootnotetext}[1]{%
7692 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7693 \unvbox\@mpfootinsv@r
7694 \def\baselinestretch{\m@m@footnote@spacing}%
7695 \reset@font\foottextfont
7696 \hsize\columnwidth \@parboxrestore
7697 \protected@edef\@currentlabel{%
7698 \csname p@mpfootnote\endcsname\@thefnmark}%
7699 \color@begingroup
7700 \@fivecolfootfmt{#1}%
7701 \color@endgroup}%
7702 \m@mmf@prepare}
7703 \bidi@ensure@newcommand{\@mpfivecolLTRfootnotetext}[1]{%
7704 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7705 \unvbox\@mpfootinsv@r
7706 \def\baselinestretch{\m@m@footnote@spacing}%

```

```

7707 \reset@font\LTRfoottextfont
7708 \hsize\columnwidth \@parboxrestore
7709 \if@RTLcolumnfootnotes\beginL\fi
7710 \protected@edef\@currentlabel{%
7711 \csname p@mpfootnote\endcsname\@thefnmark}%
7712 \color@begingroup
7713 \@fivecolLTRfootfmt{#1}%
7714 \color@endgroup}%
7715 \m@mmf@prepare}
7716 \bidi@ensure@newcommand{\@mpfivecolRTLfootnotetext}[1]{%
7717 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
7718 \unvbox\@mpfootinsv@r
7719 \def\baselinestretch{\m@m@footnote@spacing}%
7720 \reset@font\RTLfoottextfont
7721 \hsize\columnwidth \@parboxrestore
7722 \protected@edef\@currentlabel{%
7723 \csname p@mpfootnote\endcsname\@thefnmark}%
7724 \color@begingroup
7725 \@fivecolRTLfootfmt{#1}%
7726 \color@endgroup}%
7727 \m@mmf@prepare}
7728 \bidi@ensure@newcommand{\fivecolumnfootstyle}[1]{%
7729 \m@make@fivecolfootnotetext{#1}%
7730 \m@make@mpfivecolfootnotetext{#1}%
7731 \m@make@fivecolfootfmt{#1}%
7732 \m@make@fivecol@footgroup{#1}%
7733 \m@make@mpfivecol@footgroup{#1}%
7734 \m@make@footstart{#1}%
7735 \bidi@namelongdef{\@footnotetext#1}##1{%
7736 \@nameuse{\@fivecolfootnotetext#1}{##1}}%
7737 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7738 \@nameuse{\@mpfivecolfootnotetext#1}{##1}}%
7739 \@namedef{\@footgroup#1}{\@nameuse{\@fivecol@footgroup#1}}%
7740 \@namedef{\@mpfootgroup#1}{\@nameuse{\@mpfivecol@footgroup#1}}%
7741 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7742 \expandafter\count\csname footins#1\endcsname=500\relax}
7743 \bidi@ensure@newcommand{\m@make@fivecolfootnotetext}[1]{%
7744 \bidi@namelongdef{\@fivecolfootnotetext#1}##1{%
7745 \insert\@nameuse{footins#1}{%
7746 \def\baselinestretch{\m@m@footnote@spacing}%
7747 \reset@font\@nameuse{foottextfont#1}%
7748 \@preamfntext
7749 \protected@edef\@currentlabel{%
7750 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7751 \color@begingroup
7752 \@nameuse{\@fivecolfootfmt#1}{##1}%
7753 \color@endgroup}%
7754 \m@mmf@prepare}}
7755 \bidi@ensure@newcommand{\m@make@mpfivecolfootnotetext}[1]{%
7756 \bidi@namelongdef{\@mpfivecolfootnotetext#1}##1{%

```

```

7757 \global\setbox\@nameuse{mpfootins#1}\vbox{%
7758   \unvbox\@nameuse{mpfootins#1}
7759   \def\baselinestretch{\m@{footnote@spacing}}%
7760   \reset@font\@nameuse{foottextfont#1}%
7761   \hsize\columnwidth \parboxrestore
7762   \protected@edef\@currentlabel{%
7763     \csname p@mpfootnote#1\endcsname\@nameuse{thefnmark#1}}%
7764   \color@begingroup
7765     \@nameuse{fivecolfootfmt#1}{##1}%
7766   \color@endgroup}\m@mmf@prepare}}
7767 \bidi@ensure@newcommand{\m@make@fivecolfootfmt}[1]{%
7768   \namedef{@fivecolfootfmt#1}{##1}%
7769   \preamfivefmt
7770   {\@nameuse{footfootmark#1}\strut
7771     {\@nameuse{foottextfont#1}{##1}\strut\par}\allowbreak}}
7772 \bidi@ensure@newcommand{\m@make@fivecol@footgroup}[1]{%
7773   \namedef{@fivecol@footgroup#1}{%
7774     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7775     \m@rmrigidbalance{\@nameuse{footins#1}}{5}{\splittopskip}}}}
7776 \bidi@ensure@newcommand{\m@make@mpfivecol@footgroup}[1]{%
7777   \namedef{@mpfivecol@footgroup#1}{%
7778     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7779     \m@rmrigidbalance{\@nameuse{mpfootins#1}}{5}{\splittopskip}}}}
7780 \bidi@ensure@newcommand{\sixcolumnfootnotes}{%
7781   \namedef{foottextfontv@r}{\foottextfont}% % [RS]
7782   \let\@footnotetext\@sixcolfootnotetext
7783   \let\@LTRfootnotetext\@sixcolLTRfootnotetext
7784   \let\@RTLfootnotetext\@sixcolRTLfootnotetext
7785   \dimen\footinsv@r=6\footinsdim
7786   \count\footinsv@r=166\relax
7787   \m@make@sixcol@footgroup{v@r}%
7788   \let\@footgroupv@r\@sixcol@footgroupv@r
7789   \let\@mpfootnotetext\@mpsixcolfootnotetext
7790   \let\@mpLTRfootnotetext\@mpsixcolLTRfootnotetext
7791   \let\@mpRTLfootnotetext\@mpsixcolRTLfootnotetext
7792   \m@make@mpsixcol@footgroup{v@r}%
7793   \let\mp@footgroupv@r\@mpsixcol@footgroupv@r}
7794 \bidi@ensure@newcommand{\@sixcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
7795   \def\baselinestretch{\m@{footnote@spacing}}%
7796   \reset@font\foottextfont
7797   \preamfntext
7798   \protected@edef\@currentlabel{%
7799     \csname p@footnote\endcsname\@thefnmark}%
7800   \color@begingroup
7801     \@sixcolfootfmt{#1}%
7802   \color@endgroup}%
7803   \m@mmf@prepare}
7804 \bidi@ensure@newcommand{\@sixcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes
7805   \def\baselinestretch{\m@{footnote@spacing}}%
7806   \reset@font\LTRfoottextfont

```

```

7807 \@preamfntext
7808 \protected@edef\@currentlabel{%
7809   \csname p@footnote\endcsname\@thefnmark}%
7810 \color@begingroup
7811   \@sixcolLTRfootfmt{#1}%
7812 \color@endgroup}%
7813 \m@mmf@prepare}
7814 \bidi@ensure@newcommand{\@sixcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7815   \def\baselinestretch{\m@m@footnote@spacing}%
7816   \reset@font\RTLfoottextfont
7817   \@preamfntext
7818   \protected@edef\@currentlabel{%
7819     \csname p@footnote\endcsname\@thefnmark}%
7820   \color@begingroup
7821     \@sixcolRTLfootfmt{#1}%
7822   \color@endgroup}%
7823   \m@mmf@prepare}
7824 \bidi@ensure@newcommand{\@preamsixfmt}{%
7825   \hsize .16\hsize
7826   \parindent=\z@
7827   \tolerance=5000\relax
7828   \leavevmode}
7829 \bidi@ensure@newcommand{\@sixcolfootfmt}[1]{%
7830   \@preamsixfmt
7831   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7832 \bidi@ensure@newcommand{\@sixcolLTRfootfmt}[1]{%
7833   \@preamsixfmt
7834   {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7835 \bidi@ensure@newcommand{\@sixcolRTLfootfmt}[1]{%
7836   \@preamsixfmt
7837   {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7838 \bidi@ensure@newcommand{\@mpsixcolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7839   \global\setbox\@mpfootinsv@r\vbox{%
7840     \unvbox\@mpfootinsv@r
7841     \def\baselinestretch{\m@m@footnote@spacing}%
7842     \reset@font\foottextfont
7843     \hsize\columnwidth \@parboxrestore
7844     \protected@edef\@currentlabel{%
7845       \csname p@mpfootnote\endcsname\@thefnmark}%
7846   \color@begingroup
7847     \@sixcolfootfmt{#1}%
7848   \color@endgroup}%
7849   \m@mmf@prepare}
7850 \bidi@ensure@newcommand{\@mpsixcolLTRfootnotetext}[1]{\@RTLfalse%
7851   \global\setbox\@mpfootinsv@r\vbox{%
7852     \unvbox\@mpfootinsv@r
7853     \def\baselinestretch{\m@m@footnote@spacing}%
7854     \reset@font\LTRfoottextfont
7855     \hsize\columnwidth \@parboxrestore
7856     \if@RTLcolumnfootnotes\beginL\fi

```

```

7857 \protected@edef\@currentlabel{%
7858 \csname p@mpfootnote\endcsname\@thefnmark}%
7859 \color@begingroup
7860 \@sixcolLTRfootfmt{#1}%
7861 \color@endgroup}%
7862 \m@mmf@prepare}
7863 \bidi@ensure@newcommand{\@mpsixcolRTLfootnotetext}[1]{\@RTLtrue%
7864 \global\setbox\@mpfootinsv@r\vbox{%
7865 \unvbox\@mpfootinsv@r
7866 \def\baselinestretch{\m@m@footnote@spacing}%
7867 \reset@font\RTLfoottextfont
7868 \hsize\columnwidth \parboxrestore
7869 \protected@edef\@currentlabel{%
7870 \csname p@mpfootnote\endcsname\@thefnmark}%
7871 \color@begingroup
7872 \@sixcolRTLfootfmt{#1}%
7873 \color@endgroup}%
7874 \m@mmf@prepare}
7875 \bidi@ensure@newcommand{\sixcolumnfootstyle}[1]{%
7876 \m@make@sixcolfootnotetext{#1}%
7877 \m@make@mpsixcolfootnotetext{#1}%
7878 \m@make@sixcolfootfmt{#1}%
7879 \m@make@sixcol@footgroup{#1}%
7880 \m@make@mpsixcol@footgroup{#1}%
7881 \m@make@footstart{#1}%
7882 \bidi@namelongdef{\@footnotetext#1}##1{%
7883 \@nameuse{\@sixcolfootnotetext#1}{##1}}%
7884 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7885 \@nameuse{\@mpsixcolfootnotetext#1}{##1}}%
7886 \@namedef{\@footgroup#1}{\@nameuse{\@sixcol@footgroup#1}}%
7887 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpsixcol@footgroup#1}}%
7888 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7889 \expandafter\count\csname footins#1\endcsname=500\relax}
7890 \bidi@ensure@newcommand{\m@make@sixcolfootnotetext}[1]{%
7891 \bidi@namelongdef{\@sixcolfootnotetext#1}##1{%
7892 \insert\@nameuse{\footins#1}{%
7893 \def\baselinestretch{\m@m@footnote@spacing}%
7894 \reset@font\@nameuse{\foottextfont#1}%
7895 \@preamfntext
7896 \protected@edef\@currentlabel{%
7897 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7898 \color@begingroup
7899 \@nameuse{\@sixcolfootfmt#1}{##1}%
7900 \color@endgroup}%
7901 \m@mmf@prepare}}
7902 \bidi@ensure@newcommand{\m@make@mpsixcolfootnotetext}[1]{%
7903 \bidi@namelongdef{\@mpsixcolfootnotetext#1}##1{%
7904 \global\setbox\@nameuse{\@mpfootins#1}\vbox{%
7905 \unvbox\@nameuse{\@mpfootins#1}
7906 \def\baselinestretch{\m@m@footnote@spacing}%

```

```

7907 \reset@font\@nameuse{foottextfont#1}%
7908 \hsize\columnwidth \@parboxrestore
7909 \protected@edef\@currentlabel{%
7910 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7911 \color@begingroup
7912 \@nameuse{@sixcolfootfmt#1}{##1}%
7913 \color@endgroup}\m@mmf@prepare}}
7914 \bidi@ensure@newcommand{\m@make@sixcolfootfmt}[1]{%
7915 \@namedef{@sixcolfootfmt#1}##1{%
7916 \@preamsixfmt
7917 {\@nameuse{footfootmark#1}\strut
7918 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7919 \bidi@ensure@newcommand{\m@make@sixcol@footgroup}[1]{%
7920 \@namedef{@sixcol@footgroup#1}{%
7921 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7922 \m@rmrigidbalance{\@nameuse{footins#1}}{6}{\splittopskip}}}}
7923 \bidi@ensure@newcommand{\m@make@mpsixcol@footgroup}[1]{%
7924 \@namedef{@mpsixcol@footgroup#1}{%
7925 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7926 \m@rmrigidbalance{\@nameuse{mpfootins#1}}{6}{\splittopskip}}}}
7927 \bidi@ensure@newcommand{\sevendcolumnfootnotes}{%
7928 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7929 \let\@footnotetext\@sevendcolfootnotetext
7930 \let\@LTRfootnotetext\@sevendcolLTRfootnotetext
7931 \let\@RTLfootnotetext\@sevendcolRTLfootnotetext
7932 \dimen\footinsv@r=7\footinsdim
7933 \count\footinsv@r=142\relax
7934 \m@make@sevendcol@footgroup{v@r}%
7935 \let\@footgroupv@r\@sevendcol@footgroupv@r
7936 \let\@mpfootnotetext\@mpsevendcolfootnotetext
7937 \let\@mpLTRfootnotetext\@mpsevendcolLTRfootnotetext
7938 \let\@mpRTLfootnotetext\@mpsevendcolRTLfootnotetext
7939 \m@make@mpsevendcol@footgroup{v@r}%
7940 \let\mp@footgroupv@r\@mpsevendcol@footgroupv@r}
7941 \bidi@ensure@newcommand{\@sevendcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
7942 \def\baselinestretch{\m@m@footnote@spacing}%
7943 \reset@font\foottextfont
7944 \@preamfntext
7945 \protected@edef\@currentlabel{%
7946 \csname p@footnote\endcsname\@thefnmark}%
7947 \color@begingroup
7948 \@sevendcolfootfmt{#1}%
7949 \color@endgroup}%
7950 \m@mmf@prepare}
7951 \bidi@ensure@newcommand{\@sevendcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
7952 \def\baselinestretch{\m@m@footnote@spacing}%
7953 \reset@font\LTRfoottextfont
7954 \@preamfntext
7955 \protected@edef\@currentlabel{%
7956 \csname p@footnote\endcsname\@thefnmark}%

```

```

7957 \color@begingroup
7958 \sevenscolLTRfootfmt{#1}%
7959 \color@endgroup}%
7960 \m@mmf@prepare}
7961 \bidi@ensure@newcommand{\sevenscolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7962 \def\baselinestretch{\m@m@footnote@spacing}%
7963 \reset@font\RTLfoottextfont
7964 \@preamfntext
7965 \protected@edef\@currentlabel{%
7966 \csname p@footnote\endcsname\@thefnmark}%
7967 \color@begingroup
7968 \sevenscolRTLfootfmt{#1}%
7969 \color@endgroup}%
7970 \m@mmf@prepare}
7971 \bidi@ensure@newcommand{\@preamsevenfmt}{%
7972 \hsize .142\hsize
7973 \parindent=\z@
7974 \tolerance=5000\relax
7975 \leavevmode}
7976 \bidi@ensure@newcommand{\sevenscolfootfmt}[1]{%
7977 \@preamsevenfmt
7978 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7979 \bidi@ensure@newcommand{\sevenscolLTRfootfmt}[1]{%
7980 \@preamsevenfmt
7981 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7982 \bidi@ensure@newcommand{\sevenscolRTLfootfmt}[1]{%
7983 \@preamsevenfmt
7984 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7985 \bidi@ensure@newcommand{\@mpsevenscolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse%
7986 \global\setbox\@mpfootinsv@r\vbox{%
7987 \unvbox\@mpfootinsv@r
7988 \def\baselinestretch{\m@m@footnote@spacing}%
7989 \reset@font\foottextfont
7990 \hsize\columnwidth \@parboxrestore
7991 \protected@edef\@currentlabel{%
7992 \csname p@mpfootnote\endcsname\@thefnmark}%
7993 \color@begingroup
7994 \sevenscolfootfmt{#1}%
7995 \color@endgroup}%
7996 \m@mmf@prepare}
7997 \bidi@ensure@newcommand{\@mpsevenscolLTRfootnotetext}[1]{\@RTLfalse%
7998 \global\setbox\@mpfootinsv@r\vbox{%
7999 \unvbox\@mpfootinsv@r
8000 \def\baselinestretch{\m@m@footnote@spacing}%
8001 \reset@font\LTRfoottextfont
8002 \hsize\columnwidth \@parboxrestore
8003 \if@RTLcolumnfootnotes\beginL\fi
8004 \protected@edef\@currentlabel{%
8005 \csname p@mpfootnote\endcsname\@thefnmark}%
8006 \color@begingroup

```

```

8007 \@sevenscolLTRfootfmt{#1}%
8008 \color@endgroup}%
8009 \m@mmf@prepare}
8010 \bidi@ensure@newcommand{\@mpsevenscolRTLfootnotetext}[1]{\@RTLtrue%
8011 \global\setbox\@mpfootinsv@r\vbox{%
8012 \unvbox\@mpfootinsv@r
8013 \def\baselinestretch{\m@m@footnote@spacing}%
8014 \reset@font\RTLfoottextfont
8015 \hsize\columnwidth \@parboxrestore
8016 \protected@edef\@currentlabel{%
8017 \csname p@mpfootnote\endcsname\@thefnmark}%
8018 \color@begingroup
8019 \@sevenscolRTLfootfmt{#1}%
8020 \color@endgroup}%
8021 \m@mmf@prepare}
8022 \bidi@ensure@newcommand{\sevenscolumnfootstyle}[1]{%
8023 \m@make@sevenscolfootnotetext{#1}%
8024 \m@make@mpsevenscolfootnotetext{#1}%
8025 \m@make@sevenscolfootfmt{#1}%
8026 \m@make@sevenscol@footgroup{#1}%
8027 \m@make@mpsevenscol@footgroup{#1}%
8028 \m@make@footstart{#1}%
8029 \bidi@namelongdef{\footnotetext#1}##1{%
8030 \nameuse{\sevenscolfootnotetext#1}{##1}}%
8031 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8032 \nameuse{\mpsevenscolfootnotetext#1}{##1}}%
8033 \@namedef{\footgroup#1}{\@nameuse{\sevenscol@footgroup#1}}%
8034 \@namedef{\mpfootgroup#1}{\@nameuse{\mpsevenscol@footgroup#1}}%
8035 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8036 \expandafter\count\csname footins#1\endcsname=500\relax}
8037 \bidi@ensure@newcommand{\m@make@sevenscolfootnotetext}[1]{%
8038 \bidi@namelongdef{\sevenscolfootnotetext#1}##1{%
8039 \insert\@nameuse{footins#1}{%
8040 \def\baselinestretch{\m@m@footnote@spacing}%
8041 \reset@font\@nameuse{foottextfont#1}%
8042 \@preamfntext
8043 \protected@edef\@currentlabel{%
8044 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
8045 \color@begingroup
8046 \@nameuse{\sevenscolfootfmt#1}{##1}%
8047 \color@endgroup}%
8048 \m@mmf@prepare}}
8049 \bidi@ensure@newcommand{\m@make@mpsevenscolfootnotetext}[1]{%
8050 \bidi@namelongdef{\mpsevenscolfootnotetext#1}##1{%
8051 \global\setbox\@nameuse{\mpfootins#1}\vbox{%
8052 \unvbox\@nameuse{\mpfootins#1}
8053 \def\baselinestretch{\m@m@footnote@spacing}%
8054 \reset@font\@nameuse{foottextfont#1}%
8055 \hsize\columnwidth \@parboxrestore
8056 \protected@edef\@currentlabel{%

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8057 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8058 \color@begingroup
8059 \@nameuse{@sevendcolfootfmt#1}{##1}%
8060 \color@endgroup}\m@mmf@prepare}}
8061 \bidi@ensure@newcommand{\m@make@sevendcolfootfmt}[1]{%
8062 \@namedef{@sevendcolfootfmt#1}##1{%
8063 \@preamsevenfmt
8064 {\@nameuse{footfootmark#1}\strut
8065 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8066 \bidi@ensure@newcommand{\m@make@sevendcol@footgroup}[1]{%
8067 \@namedef{@sevendcol@footgroup#1}{%
8068 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8069 \m@mrigidbalance{\@nameuse{footins#1}}{7}{\splittopskip}}}}
8070 \bidi@ensure@newcommand{\m@make@mpsevendcol@footgroup}[1]{%
8071 \@namedef{@mpsevendcol@footgroup#1}{%
8072 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8073 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{7}{\splittopskip}}}}
8074 \bidi@ensure@newcommand{\eightcolumnfootnotes}{%
8075 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8076 \let\@footnotetext\@eightcolfootnotetext
8077 \let\@LTRfootnotetext\@eightcolLTRfootnotetext
8078 \let\@RTLfootnotetext\@eightcolRTLfootnotetext
8079 \dimen\footinsv@r=8\footinsdim
8080 \count\footinsv@r=125\relax
8081 \m@make@eightcol@footgroup{v@r}%
8082 \let\@footgroupv@r\@eightcol@footgroupv@r
8083 \let\@mpfootnotetext\@mpeightcolfootnotetext
8084 \let\@mplTRfootnotetext\@mpeightcolLTRfootnotetext
8085 \let\@mprTLfootnotetext\@mpeightcolRTLfootnotetext
8086 \m@make@mpeightcol@footgroup{v@r}%
8087 \let\mp@footgroupv@r\@mpeightcol@footgroupv@r}
8088 \bidi@ensure@newcommand{\@eightcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
8089 \def\baselinestretch{\m@m@footnote@spacing}%
8090 \reset@font\foottextfont
8091 \@preamfntext
8092 \protected@edef\@currentlabel{%
8093 \csname p@footnote\endcsname\@thefnmark}%
8094 \color@begingroup
8095 \@eightcolfootfmt{#1}%
8096 \color@endgroup}%
8097 \m@mmf@prepare}
8098 \bidi@ensure@newcommand{\@eightcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
8099 \def\baselinestretch{\m@m@footnote@spacing}%
8100 \reset@font\LTRfoottextfont
8101 \@preamfntext
8102 \protected@edef\@currentlabel{%
8103 \csname p@footnote\endcsname\@thefnmark}%
8104 \color@begingroup
8105 \@eightcolLTRfootfmt{#1}%
8106 \color@endgroup}%

```

```

8107 \m@mmf@prepare}
8108 \bidi@ensure@newcommand{\@eightcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8109 \def\baselinestretch{\m@m@footnote@spacing}%
8110 \reset@font\RTLfoottextfont
8111 \@preamfntext
8112 \protected@edef\@currentlabel{%
8113 \csname p@footnote\endcsname\@thefnmark}%
8114 \color@begingroup
8115 \@eightcolRTLfootfmt{#1}%
8116 \color@endgroup}%
8117 \m@mmf@prepare}
8118 \bidi@ensure@newcommand{\@preameightfmt}{%
8119 \hsize .125\hsize
8120 \parindent=\z@
8121 \tolerance=5000\relax
8122 \leavevmode}
8123 \bidi@ensure@newcommand{\@eightcolfootfmt}[1]{%
8124 \@preameightfmt
8125 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8126 \bidi@ensure@newcommand{\@eightcolLTRfootfmt}[1]{%
8127 \@preameightfmt
8128 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8129 \bidi@ensure@newcommand{\@eightcolRTLfootfmt}[1]{%
8130 \@preameightfmt
8131 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8132 \bidi@ensure@newcommand{\@mpeightcolfootnotetext}[1]{%
8133 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8134 \unvbox\@mpfootinsv@r
8135 \def\baselinestretch{\m@m@footnote@spacing}%
8136 \reset@font\foottextfont
8137 \hsize\columnwidth \@parboxrestore
8138 \protected@edef\@currentlabel{%
8139 \csname p@mpfootnote\endcsname\@thefnmark}%
8140 \color@begingroup
8141 \@eightcolfootfmt{#1}%
8142 \color@endgroup}%
8143 \m@mmf@prepare}
8144 \bidi@ensure@newcommand{\@mpeightcolLTRfootnotetext}[1]{%
8145 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8146 \unvbox\@mpfootinsv@r
8147 \def\baselinestretch{\m@m@footnote@spacing}%
8148 \reset@font\LTRfoottextfont
8149 \hsize\columnwidth \@parboxrestore
8150 \if@RTLcolumnfootnotes\beginL\fi
8151 \protected@edef\@currentlabel{%
8152 \csname p@mpfootnote\endcsname\@thefnmark}%
8153 \color@begingroup
8154 \@eightcolLTRfootfmt{#1}%
8155 \color@endgroup}%
8156 \m@mmf@prepare}

```

```

8157 \bidi@ensure@newcommand{\@mpeightcolRTLfootnotetext}[1]{%
8158   \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8159     \unvbox\@mpfootinsv@r
8160     \def\baselinestretch{\m@m@footnote@spacing}%
8161     \reset@font\RTLfoottextfont
8162     \hsize\columnwidth \@parboxrestore
8163     \protected@edef\@currentlabel{%
8164       \csname p@mpfootnote\endcsname\@thefnmark}%
8165     \color@begingroup
8166       \@eightcolRTLfootfmt{#1}%
8167     \color@endgroup}%
8168   \m@m@mmf@prepare}
8169 \bidi@ensure@newcommand{\eightcolumnfootstyle}[1]{%
8170   \m@make@eightcolfootnotetext{#1}%
8171   \m@make@mpeightcolfootnotetext{#1}%
8172   \m@make@eightcolfootfmt{#1}%
8173   \m@make@eightcol@footgroup{#1}%
8174   \m@make@mpeightcol@footgroup{#1}%
8175   \m@make@footstart{#1}%
8176   \bidi@namelongdef{\@footnotetext#1}##1{%
8177     \@nameuse{\@eightcolfootnotetext#1}{##1}}%
8178   \bidi@namelongdef{\@mpfootnotetext#1}##1{%
8179     \@nameuse{\@mpeightcolfootnotetext#1}{##1}}%
8180   \@namedef{\@footgroup#1}{\@nameuse{\@eightcol@footgroup#1}}%
8181   \@namedef{\mp@footgroup#1}{\@nameuse{\@mpeightcol@footgroup#1}}%
8182   \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8183   \expandafter\count\csname footins#1\endcsname=500\relax}
8184 \bidi@ensure@newcommand{\m@make@eightcolfootnotetext}[1]{%
8185   \bidi@namelongdef{\@eightcolfootnotetext#1}##1{%
8186     \insert\@nameuse{\footins#1}{%
8187       \def\baselinestretch{\m@m@footnote@spacing}%
8188       \reset@font\@nameuse{\foottextfont#1}%
8189       \@preamfntext
8190       \protected@edef\@currentlabel{%
8191         \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
8192       \color@begingroup
8193         \@nameuse{\@eightcolfootfmt#1}{##1}%
8194       \color@endgroup}%
8195     \m@m@mmf@prepare}}
8196 \bidi@ensure@newcommand{\m@make@mpeightcolfootnotetext}[1]{%
8197   \bidi@namelongdef{\@mpeightcolfootnotetext#1}##1{%
8198     \global\setbox\@nameuse{\@mpfootins#1}\vbox{%
8199       \unvbox\@nameuse{\@mpfootins#1}
8200       \def\baselinestretch{\m@m@footnote@spacing}%
8201       \reset@font\@nameuse{\foottextfont#1}%
8202       \hsize\columnwidth \@parboxrestore
8203       \protected@edef\@currentlabel{%
8204         \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
8205       \color@begingroup
8206         \@nameuse{\@eightcolfootfmt#1}{##1}%

```

```

8207 \color@endgroup}\m@mmf@prepare}}
8208 \bidi@ensure@newcommand{\m@make@eightcolfootfmt}[1]{%
8209 \namedef{@eightcolfootfmt#1}##1{%
8210 \preameightfmt
8211 {\@nameuse{footfootmark#1}\strut
8212 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8213 \bidi@ensure@newcommand{\m@make@eightcol@footgroup}[1]{%
8214 \namedef{@eightcol@footgroup#1}{%
8215 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8216 \m@mrigidbodybalance{\@nameuse{footins#1}}{8}{\splittopskip}}}}
8217 \bidi@ensure@newcommand{\m@make@mpeightcol@footgroup}[1]{%
8218 \namedef{@mpeightcol@footgroup#1}{%
8219 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8220 \m@mrigidbodybalance{\@nameuse{mpfootins#1}}{8}{\splittopskip}}}}
8221 \bidi@ensure@newcommand{\ninecolumnfootnotes}{%
8222 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
8223 \let\@footnotetext\@ninecolfootnotetext
8224 \let\@LTRfootnotetext\@ninecolLTRfootnotetext
8225 \let\@RTLfootnotetext\@ninecolRTLfootnotetext
8226 \dimen\footinsv@r=9\footinsdim
8227 \count\footinsv@r=111\relax
8228 \m@make@ninecol@footgroup{v@r}%
8229 \let\@footgroupv@r\@ninecol@footgroupv@r
8230 \let\@mpfootnotetext\@mpninecolfootnotetext
8231 \let\@mpLTRfootnotetext\@mpninecolLTRfootnotetext
8232 \let\@mpRTLfootnotetext\@mpninecolRTLfootnotetext
8233 \m@make@mpninecol@footgroup{v@r}%
8234 \let\mp@footgroupv@r\@mpninecol@footgroupv@r}
8235 \bidi@ensure@newcommand{\@ninecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
8236 \def\baselinestretch{\m@m@footnote@spacing}%
8237 \reset@font\foottextfont
8238 \@preamfntext
8239 \protected@edef\@currentlabel{%
8240 \csname p@footnote\endcsname\@thefnmark}%
8241 \color@begingroup
8242 \@ninecolfootfmt{#1}%
8243 \color@endgroup}%
8244 \m@mmf@prepare}
8245 \bidi@ensure@newcommand{\@ninecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes
8246 \def\baselinestretch{\m@m@footnote@spacing}%
8247 \reset@font\LTRfoottextfont
8248 \@preamfntext
8249 \protected@edef\@currentlabel{%
8250 \csname p@footnote\endcsname\@thefnmark}%
8251 \color@begingroup
8252 \@ninecolLTRfootfmt{#1}%
8253 \color@endgroup}%
8254 \m@mmf@prepare}
8255 \bidi@ensure@newcommand{\@ninecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8256 \def\baselinestretch{\m@m@footnote@spacing}%

```

```

8257 \reset@font\RTLfoottextfont
8258 \@preamfntext
8259 \protected@edef\@currentlabel{%
8260   \csname p@footnote\endcsname\@thefnmark}%
8261 \color@begingroup
8262   \@ninecolRTLfootfmt{#1}%
8263 \color@endgroup}%
8264 \m@mmf@prepare}
8265 \bidi@ensure@newcommand{\@preamninefmt}{%
8266   \hsize .1\hsize
8267   \parindent=\z@
8268   \tolerance=5000\relax
8269   \leavevmode}
8270 \bidi@ensure@newcommand{\@ninecolfootfmt}[1]{%
8271   \@preamninefmt
8272   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8273 \bidi@ensure@newcommand{\@ninecolLTRfootfmt}[1]{%
8274   \@preamninefmt
8275   {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8276 \bidi@ensure@newcommand{\@ninecolRTLfootfmt}[1]{%
8277   \@preamninefmt
8278   {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8279 \bidi@ensure@newcommand{\@mpninecolfootnotetext}[1]{%
8280   \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8281     \unvbox\@mpfootinsv@r
8282     \def\baselinestretch{\m@m@footnote@spacing}%
8283     \reset@font\foottextfont
8284     \hsize\columnwidth \@parboxrestore
8285     \protected@edef\@currentlabel{%
8286       \csname p@mpfootnote\endcsname\@thefnmark}%
8287     \color@begingroup
8288       \@ninecolfootfmt{#1}%
8289     \color@endgroup}%
8290     \m@mmf@prepare}
8291 \bidi@ensure@newcommand{\@mpninecolLTRfootnotetext}[1]{%
8292   \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8293     \unvbox\@mpfootinsv@r
8294     \def\baselinestretch{\m@m@footnote@spacing}%
8295     \reset@font\LTRfoottextfont
8296     \hsize\columnwidth \@parboxrestore
8297     \if@RTLcolumnfootnotes\beginL\fi
8298     \protected@edef\@currentlabel{%
8299       \csname p@mpfootnote\endcsname\@thefnmark}%
8300     \color@begingroup
8301       \@ninecolLTRfootfmt{#1}%
8302     \color@endgroup}%
8303     \m@mmf@prepare}
8304 \bidi@ensure@newcommand{\@mpninecolRTLfootnotetext}[1]{%
8305   \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8306     \unvbox\@mpfootinsv@r

```

```

8307 \def\baselinestretch{\m@m@footnote@spacing}%
8308 \reset@font\RTLfoottextfont
8309 \hsize\columnwidth \@parboxrestore
8310 \protected@edef\@currentlabel{%
8311 \csname p@mpfootnote\endcsname\@thefnmark}%
8312 \color@begingroup
8313 \@ninecolRTLfootfmt{#1}%
8314 \color@endgroup}%
8315 \m@mmf@prepare}
8316 \bidi@ensure@newcommand{\ninecolumnfootstyle}[1]{%
8317 \m@make@ninecolfootnotetext{#1}%
8318 \m@make@mpninecolfootnotetext{#1}%
8319 \m@make@ninecolfootfmt{#1}%
8320 \m@make@ninecol@footgroup{#1}%
8321 \m@make@mpninecol@footgroup{#1}%
8322 \m@make@footstart{#1}%
8323 \bidi@namelongdef{\footnotetext#1}##1{%
8324 \@nameuse{\@ninecolfootnotetext#1}{##1}}%
8325 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8326 \@nameuse{\@mpninecolfootnotetext#1}{##1}}%
8327 \@namedef{\@footgroup#1}{\@nameuse{\@ninecol@footgroup#1}}%
8328 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpninecol@footgroup#1}}%
8329 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8330 \expandafter\count\csname footins#1\endcsname=500\relax}
8331 \bidi@ensure@newcommand{\m@make@ninecolfootnotetext}[1]{%
8332 \bidi@namelongdef{\@ninecolfootnotetext#1}##1{%
8333 \insert\@nameuse{footins#1}{%
8334 \def\baselinestretch{\m@m@footnote@spacing}%
8335 \reset@font\@nameuse{foottextfont#1}%
8336 \@preamfntext
8337 \protected@edef\@currentlabel{%
8338 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
8339 \color@begingroup
8340 \@nameuse{\@ninecolfootfmt#1}{##1}%
8341 \color@endgroup}%
8342 \m@mmf@prepare}}
8343 \bidi@ensure@newcommand{\m@make@mpninecolfootnotetext}[1]{%
8344 \bidi@namelongdef{\@mpninecolfootnotetext#1}##1{%
8345 \global\setbox\@nameuse{\mpfootins#1}\vbox{%
8346 \unvbox\@nameuse{\mpfootins#1}
8347 \def\baselinestretch{\m@m@footnote@spacing}%
8348 \reset@font\@nameuse{foottextfont#1}%
8349 \hsize\columnwidth \@parboxrestore
8350 \protected@edef\@currentlabel{%
8351 \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
8352 \color@begingroup
8353 \@nameuse{\@ninecolfootfmt#1}{##1}%
8354 \color@endgroup}\m@mmf@prepare}}
8355 \bidi@ensure@newcommand{\m@make@ninecolfootfmt}[1]{%
8356 \@namedef{\@ninecolfootfmt#1}##1{%

```

```

8357 \preamninefmt
8358 {\@nameuse{footfootmark#1}\strut
8359 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8360 \bidi@ensure@newcommand{\m@make@ninecol@footgroup}[1]{%
8361 \@namedef{@ninecol@footgroup#1}{%
8362 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8363 \m@rigrigidbodybalance{\@nameuse{footins#1}}{9}{\splittopskip}}}}
8364 \bidi@ensure@newcommand{\m@make@mpninecol@footgroup}[1]{%
8365 \@namedef{@mpninecol@footgroup#1}{%
8366 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8367 \m@rigrigidbodybalance{\@nameuse{@mpfootins#1}}{9}{\splittopskip}}}}
8368 \bidi@ensure@newcommand{\tencolumnfootnotes}{%
8369 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8370 \let\@footnotetext\@tencolfootnotetext
8371 \let\@LTRfootnotetext\@tencolLTRfootnotetext
8372 \let\@RTLfootnotetext\@tencolRTLfootnotetext
8373 \dimen\footinsv@r=10\footinsdim
8374 \count\footinsv@r=100\relax
8375 \m@make@tencol@footgroup{v@r}%
8376 \let\@footgroupv@r\@tencol@footgroupv@r
8377 \let\@mpfootnotetext\@mptencolfootnotetext
8378 \let\@mpLTRfootnotetext\@mptencolLTRfootnotetext
8379 \let\@mpRTLfootnotetext\@mptencolRTLfootnotetext
8380 \m@make@mptencol@footgroup{v@r}%
8381 \let\mp@footgroupv@r@mptencol@footgroupv@r}
8382 \bidi@ensure@newcommand{\@tencolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
8383 \def\baselinestretch{\m@m@footnote@spacing}%
8384 \reset@font\foottextfont
8385 \@preamfntext
8386 \protected@edef\@currentlabel{%
8387 \csname p@footnote\endcsname\@thefnmark}%
8388 \color@begingroup
8389 \@tencolfootfmt{#1}%
8390 \color@endgroup}%
8391 \m@mmf@prepare}
8392 \bidi@ensure@newcommand{\@tencolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTL@columnfootnotes%
8393 \def\baselinestretch{\m@m@footnote@spacing}%
8394 \reset@font\LTRfoottextfont
8395 \@preamfntext
8396 \protected@edef\@currentlabel{%
8397 \csname p@footnote\endcsname\@thefnmark}%
8398 \color@begingroup
8399 \@tencolLTRfootfmt{#1}%
8400 \color@endgroup}%
8401 \m@mmf@prepare}
8402 \bidi@ensure@newcommand{\@tencolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8403 \def\baselinestretch{\m@m@footnote@spacing}%
8404 \reset@font\RTLfoottextfont
8405 \@preamfntext
8406 \protected@edef\@currentlabel{%

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```

8407 \csname p@footnote\endcsname\@thefnmark}%
8408 \color@begingroup
8409 \@tencolRTLfootfmt{#1}%
8410 \color@endgroup}%
8411 \m@mmf@prepare}
8412 \bidi@ensure@newcommand{\@preamtenfmt}{%
8413 \hsize .1\hsize
8414 \parindent=\z@
8415 \tolerance=5000\relax
8416 \leavevmode}
8417 \bidi@ensure@newcommand{\@tencolfootfmt}[1]{%
8418 \@preamtenfmt
8419 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8420 \bidi@ensure@newcommand{\@tencolLTRfootfmt}[1]{%
8421 \@preamtenfmt
8422 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8423 \bidi@ensure@newcommand{\@tencolRTLfootfmt}[1]{%
8424 \@preamtenfmt
8425 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8426 \bidi@ensure@newcommand{\@mptencolfootnotetext}[1]{%
8427 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8428 \unvbox\@mpfootinsv@r
8429 \def\baselinestretch{\m@m@footnote@spacing}%
8430 \reset@font\foottextfont
8431 \hsize\columnwidth \@parboxrestore
8432 \protected@edef\@currentlabel{%
8433 \csname p@mpfootnote\endcsname\@thefnmark}%
8434 \color@begingroup
8435 \@tencolfootfmt{#1}%
8436 \color@endgroup}%
8437 \m@mmf@prepare}
8438 \bidi@ensure@newcommand{\@mptencolLTRfootnotetext}[1]{%
8439 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8440 \unvbox\@mpfootinsv@r
8441 \def\baselinestretch{\m@m@footnote@spacing}%
8442 \reset@font\LTRfoottextfont
8443 \hsize\columnwidth \@parboxrestore
8444 \if@RTLcolumnfootnotes\beginL\fi
8445 \protected@edef\@currentlabel{%
8446 \csname p@mpfootnote\endcsname\@thefnmark}%
8447 \color@begingroup
8448 \@tencolLTRfootfmt{#1}%
8449 \color@endgroup}%
8450 \m@mmf@prepare}
8451 \bidi@ensure@newcommand{\@mptencolRTLfootnotetext}[1]{%
8452 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8453 \unvbox\@mpfootinsv@r
8454 \def\baselinestretch{\m@m@footnote@spacing}%
8455 \reset@font\RTLfoottextfont
8456 \hsize\columnwidth \@parboxrestore

```

```

8457 \protected@edef\@currentlabel{%
8458 \csname p@mpfootnote\endcsname\@thefnmark}%
8459 \color@begingroup
8460 \tencolRTLfootfmt{#1}%
8461 \color@endgroup}%
8462 \m@mmf@prepare}
8463 \bidi@ensure@newcommand{\tencolumnfootstyle}[1]{%
8464 \m@make@tencolfootnotetext{#1}%
8465 \m@make@mptencolfootnotetext{#1}%
8466 \m@make@tencolfootfmt{#1}%
8467 \m@make@tencol@footgroup{#1}%
8468 \m@make@mptencol@footgroup{#1}%
8469 \m@make@footstart{#1}%
8470 \bidi@namelongdef{\footnotetext#1}##1{%
8471 \@nameuse{\tencolfootnotetext#1}{##1}}%
8472 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8473 \@nameuse{\mptencolfootnotetext#1}{##1}}%
8474 \@namedef{\footgroup#1}{\@nameuse{\tencol@footgroup#1}}%
8475 \@namedef{\mp@footgroup#1}{\@nameuse{\mptencol@footgroup#1}}%
8476 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8477 \expandafter\count\csname footins#1\endcsname=500\relax}
8478 \bidi@ensure@newcommand{\m@make@tencolfootnotetext}[1]{%
8479 \bidi@namelongdef{\tencolfootnotetext#1}##1{%
8480 \insert\@nameuse{footins#1}{%
8481 \def\baselinestretch{\m@m@footnote@spacing}%
8482 \reset@font\@nameuse{foottextfont#1}%
8483 \preamfntext
8484 \protected@edef\@currentlabel{%
8485 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
8486 \color@begingroup
8487 \@nameuse{\tencolfootfmt#1}{##1}%
8488 \color@endgroup}%
8489 \m@mmf@prepare}}
8490 \bidi@ensure@newcommand{\m@make@mptencolfootnotetext}[1]{%
8491 \bidi@namelongdef{\mptencolfootnotetext#1}##1{%
8492 \global\setbox\@nameuse{\mpfootins#1}\vbox{%
8493 \unvbox\@nameuse{\mpfootins#1}
8494 \def\baselinestretch{\m@m@footnote@spacing}%
8495 \reset@font\@nameuse{foottextfont#1}%
8496 \hsize\columnwidth \@parboxrestore
8497 \protected@edef\@currentlabel{%
8498 \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
8499 \color@begingroup
8500 \@nameuse{\tencolfootfmt#1}{##1}%
8501 \color@endgroup}\m@mmf@prepare}}
8502 \bidi@ensure@newcommand{\m@make@tencolfootfmt}[1]{%
8503 \@namedef{\tencolfootfmt#1}##1{%
8504 \preamtenfmt
8505 {\@nameuse{footfootmark#1}}\strut
8506 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}

```

```

8507 \bidi@ensure@newcommand{\m@make@tencol@footgroup}[1]{%
8508   \@namedef{@tencol@footgroup#1}{%
8509     \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8510     \m@mrigidbodybalance{\@nameuse{footins#1}}{10}{\splittopskip}}}%
8511 \bidi@ensure@newcommand{\m@make@mptencol@footgroup}[1]{%
8512   \@namedef{@mptencol@footgroup#1}{%
8513     \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8514     \m@mrigidbodybalance{\@nameuse{mpfootins#1}}{10}{\splittopskip}}}%
8515 \bidi@ensure@newcommand{\m@munvxh}[1]{%
8516   \setbox0=\vbox{\unvbox#1%
8517     \global\setbox1=\lastbox}%
8518   \unhbox1
8519   \unskip
8520   \unskip
8521   \unpenalty
8522   \hskip\m@mipn@skip}
8523 \bidi@ensure@newcommand{\m@mungebox}{%
8524   \setbox0=\hbox{\m@munvxh0}%
8525   \dp0=\z@
8526   \ht0=\footfudgefactor\wd0
8527   \box0
8528   \penalty0}
8529 \newskip\m@mipn@skip
8530 \bidi@ensure@newcommand*{\m@minterparanoteglue}[1]{%
8531   {\foottextfont\global\m@mipn@skip=#1\relax}}
8532 \m@minterparanoteglue{1em plus.4em minus.4em}
8533 \@ifpackageloaded{multicol}{%
8534   \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8535     \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8536     \hsize\textwidth%
8537     \setbox0=\hbox{}%
8538     \loop
8539       \unpenalty
8540       \setbox2=\lastbox
8541       \ifhbox2
8542         \setbox0=\hbox{\box2\unhbox0}
8543       \repeat}
8544 }{%
8545   \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8546     \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8547     \setbox0=\hbox{}%
8548     \loop
8549       \unpenalty
8550       \setbox2=\lastbox
8551       \ifhbox2
8552         \setbox0=\hbox{\box2\unhbox0}
8553       \repeat}}
8554 \bidi@ensure@newcommand*{\m@mremovehboxes}{\setbox0=\lastbox
8555   \ifhbox0{\m@mremovehboxes}\unhbox0 \fi}
8556 \bidi@ensure@newcommand*{\footfudgefiddle}{64}

```

```

8557 \bidi@ensure@newcommand{\paragraphfootnotes}{%
8558   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8559   \let\@footnotetext\@parafootnotetext
8560   \let\@LTRfootnotetext\@paraLTRfootnotetext
8561   \let\@RTLfootnotetext\@paraRTLfootnotetext
8562   \dimen\footinsv@r=\footinsdim
8563   \count\footinsv@r=1000\relax
8564   \m@make@para@footgroup{v@r}%
8565   \let\@footgroupv@r\@para@footgroupv@r
8566   \let\@mpfootnotetext\@mpparafootnotetext
8567   \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
8568   \let\@mpRTLfootnotetext\@mpparaRTLfootnotetext
8569   \m@make@mppara@footgroup{v@r}%
8570   \let\mp@footgroupv@r\@mppara@footgroupv@r
8571   {\foottextfont
8572     \dimen0=\baselineskip
8573     \multiply\dimen0 by 1024
8574     \divide\dimen0 by \hsize \multiply\dimen0 by \footfudgefiddle
8575     \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }}}
8576 \bidi@ensure@newcommand{\@parafootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8577   \def\baselinestretch{\m@m@footnote@spacing}%
8578   \reset@font\foottextfont
8579   \@preamfntext
8580   \protected@edef\@currentlabel{%
8581     \csname p@footnote\endcsname\@thefnmark}%
8582   \setbox0=\vbox{\hsize=\maxdimen
8583     \color@begingroup
8584     \noindent \@parafootfmt{\if@RTL@footnote\beginR\else\beginL\fi#1\if@RTL@footnote\endR\else
8585     \color@endgroup}%
8586   \m@mungebox}\m@mmf@prepare}
8587 \bidi@ensure@newcommand{\@paraLTRfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8588   \def\baselinestretch{\m@m@footnote@spacing}%
8589   \reset@font\LTRfoottextfont
8590   \@preamfntext
8591   \protected@edef\@currentlabel{%
8592     \csname p@footnote\endcsname\@thefnmark}%
8593   \setbox0=\vbox{\hsize=\maxdimen
8594     \color@begingroup
8595     \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8596     \color@endgroup}%
8597   \m@mungebox}\m@mmf@prepare}
8598 \bidi@ensure@newcommand{\@paraRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8599   \def\baselinestretch{\m@m@footnote@spacing}%
8600   \reset@font\RTLfoottextfont
8601   \@preamfntext
8602   \protected@edef\@currentlabel{%
8603     \csname p@footnote\endcsname\@thefnmark}%
8604   \setbox0=\vbox{\hsize=\maxdimen
8605     \color@begingroup
8606     \noindent \@paraRTLfootfmt{\beginR#1\endR}%

```

```

8607 \color@endgroup}%
8608 \m@mungebox}\m@mmf@prepare}
8609 \bidi@ensure@newcommand{\@parafootfmt}[1]{%
8610 \parindent=\z@
8611 \parfillskip=Opt \@plus 1fil
8612 {\footfootmark\strut {\foottextfont #1}\penalty-10}}
8613 \bidi@ensure@newcommand{\@paraLTRfootfmt}[1]{%
8614 \parindent=\z@
8615 \parfillskip=Opt \@plus 1fil
8616 {\footfootmark\strut {\LTRfoottextfont #1}\penalty-10}}
8617 \bidi@ensure@newcommand{\@paraRTLfootfmt}[1]{%
8618 \parindent=\z@
8619 \parfillskip=Opt \@plus 1fil
8620 {\footfootmark\strut {\RTLfoottextfont #1}\penalty-10}}
8621 \bidi@ensure@newcommand{\@mpparafootnotetext}[1]{%
8622 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8623 \unvbox\@mpfootinsv@r
8624 \def\baselinestretch{\m@m@footnote@spacing}%
8625 \reset@font\foottextfont
8626 \hsize\columnwidth \@parboxrestore
8627 \protected@edef\@currentlabel{%
8628 \csname p@mpfootnote\endcsname\@thefnmark}%
8629 \setbox0=\vbox{\hsize=\maxdimen
8630 \color@begingroup
8631 \noindent \@parafootfmt{\if@RTL@footnote\beginR\else\beginL\fi#1\if@RTL@footnote\endR\else
8632 \color@endgroup}%
8633 \m@mungebox}\m@mmf@prepare}
8634 \bidi@ensure@newcommand{\@mpparaLTRfootnotetext}[1]{%
8635 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8636 \unvbox\@mpfootinsv@r
8637 \def\baselinestretch{\m@m@footnote@spacing}%
8638 \reset@font\LTRfoottextfont
8639 \hsize\columnwidth \@parboxrestore
8640 \protected@edef\@currentlabel{%
8641 \csname p@mpfootnote\endcsname\@thefnmark}%
8642 \setbox0=\vbox{\hsize=\maxdimen
8643 \color@begingroup
8644 \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8645 \color@endgroup}%
8646 \m@mungebox}\m@mmf@prepare}
8647 \bidi@ensure@newcommand{\@mpparaRTLfootnotetext}[1]{%
8648 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8649 \unvbox\@mpfootinsv@r
8650 \def\baselinestretch{\m@m@footnote@spacing}%
8651 \reset@font\RTLfoottextfont
8652 \hsize\columnwidth \@parboxrestore
8653 \protected@edef\@currentlabel{%
8654 \csname p@mpfootnote\endcsname\@thefnmark}%
8655 \setbox0=\vbox{\hsize=\maxdimen
8656 \color@begingroup

```

```

8657      \noindent \@paraRTLfootfmt{\beginR#1\endR}%
8658      \color@endgroup}%
8659      \m@mungebox}\m@mmf@prepare}
8660 \bidi@ensure@newcommand{\paragraphfootstyle}[1]{%
8661   \m@make@parafootnotetext{#1}%
8662   \m@make@mpparafootnotetext{#1}%
8663   \m@make@parafootfmt{#1}%
8664   \m@make@para@footgroup{#1}%
8665   \m@make@mppara@footgroup{#1}%
8666   \m@make@para@footstart{#1}%
8667   \bidi@namelongdef{@footnotetext#1}##1{%
8668     \nameuse{@parafootnotetext#1}{##1}}%
8669   \bidi@namelongdef{@mpfootnotetext#1}##1{%
8670     \nameuse{@mpparafootnotetext#1}{##1}}%
8671   \@namedef{@footgroup#1}{\nameuse{@para@footgroup#1}}%
8672   \@namedef{@mp@footgroup#1}{\nameuse{@mppara@footgroup#1}}%
8673   \@namedef{@footstart#1}{\nameuse{@para@footstart#1}}%
8674   \expandafter\dimen\csname footins#1\endcsname=\footinsdim
8675   \expandafter\count\csname footins#1\endcsname=1000\relax
8676   {\@nameuse{foottextfont#1}%
8677    \dimen0=\baselineskip
8678    \multiply\dimen0 by 1024
8679    \divide\dimen0 by \hsize \multiply\dimen0 by 64
8680    \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }}}
8681 \bidi@ensure@newcommand{\m@make@parafootnotetext}[1]{%
8682 \bidi@namelongdef{@parafootnotetext#1}##1{%
8683   \insert\@nameuse{footins#1}{
8684     \def\baselinestretch{\m@m@footnote@spacing}%
8685     \reset@font\@nameuse{foottextfont#1}%
8686     \@preamfntext
8687     \protected@edef\@currentlabel{%
8688       \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8689     \setbox0=\vbox{\hsize=\maxdimen
8690       \color@begingroup
8691       \noindent \@nameuse{@parafootfmt#1}{##1}%
8692       \color@endgroup}%
8693     \m@mungebox}\m@mmf@prepare}}
8694 \bidi@ensure@newcommand{\m@make@mpparafootnotetext}[1]{%
8695 \bidi@namelongdef{@mpparafootnotetext#1}##1{%
8696   \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8697     \unvbox\@nameuse{@mpfootins#1}
8698     \def\baselinestretch{\m@m@footnote@spacing}%
8699     \reset@font\@nameuse{foottextfont#1}%
8700     \hsize\columnwidth \@parboxrestore
8701     \protected@edef\@currentlabel{%
8702       \csname p@mpfootnote#1\endcsname \@nameuse{@thefnmark#1}}%
8703     \setbox0=\vbox{\hsize=\maxdimen
8704       \color@begingroup
8705       \noindent \@nameuse{@parafootfmt#1}{##1}%
8706       \color@endgroup}%

```

```

8707 \m@mungebox}\m@mmf@prepare}}
8708 \bidi@ensure@newcommand{\m@make@parafootfmt}[1]{%
8709 \bidi@namelongdef{@parafootfmt#1}##1{%
8710 \parindent=\z@
8711 \parfillskip=0pt \@plus 1fil
8712 {\@nameuse{footfootmark#1}\strut
8713 {\@nameuse{foottextfont#1}##1}\penalty-10}}
8714 \bidi@ensure@newcommand{\m@make@para@footgroup}[1]{%
8715 \@namedef{@para@footgroup#1}{%
8716 \unvbox\@nameuse{footins#1}
8717 \m@mmakehboxofhboxes
8718 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8719 \@nameuse{foottextfont#1}%
8720 \noindent\unhbox0\par}}
8721 \bidi@ensure@newcommand{\m@make@mppara@footgroup}[1]{%
8722 \@namedef{@mppara@footgroup#1}{%
8723 \unvbox\@nameuse{mpfootins#1}
8724 \m@mmakehboxofhboxes
8725 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8726 \@nameuse{foottextfont#1}%
8727 \noindent\unhbox0\par}}
8728 \bidi@ensure@newcommand{\m@make@para@footstart}[1]{%
8729 \@namedef{@para@footstart#1}{%
8730 \vskip\bigskipamount
8731 \leftskip=\z@
8732 \rightskip=\z@
8733 \parindent=\z@
8734 \vskip\skip\@nameuse{footins#1}%
8735 \footnoterule}}
8736 \bidi@ensure@newcommand*{\m@m@makecolfloats}{%
8737 \xdef\@freelist{\@freelist\@midlist}%
8738 \global\let\@midlist\@empty
8739 \@combinefloats}
8740 \bidi@ensure@newcommand*{\m@m@makecoltext}{%
8741 \ifvbox\@kludgeins
8742 \@makespecialcolbox
8743 \else
8744 \setbox\@outputbox \vbox to\@colht{%
8745 \texttop
8746 \dimen@ \dp\@outputbox
8747 \unvbox \@outputbox
8748 \vskip -\dimen@
8749 \textbottom}%
8750 \fi}
8751 \bidi@ensure@newcommand*{\m@m@makecolintro}{%
8752 \bidi@ensure@newcommand*{\m@mopfootnote}{\setbox\@outputbox \vbox{%
8753 \boxmaxdepth\@maxdepth
8754 \@tempdima\dp\@cclv
8755 \unvbox\@cclv
8756 \vskip-\@tempdima

```

```

8757 \vskip \skip\footins
8758 \color@begingroup
8759 \normalcolor
8760 \footnoterule
8761 \unvbox \footins
8762 \color@endgroup}}
8763 \bidi@ensure@newcommand*{\m@mopsidebar}{%
8764 \ifvoid\sideins\else
8765 \setbox\@outputbox \vbox{%
8766 \sidecontents
8767 \unvbox\@outputbox}
8768 \fi}
8769 \gdef\mem@makecol{%
8770 \m@m@makecolintro
8771 \ifvoid\footins
8772 \setbox\@outputbox \box\@cclv
8773 \else
8774 \m@mopfootnote
8775 \fi
8776 \m@m@doextrafeet
8777 \m@m@makecolfloats
8778 \m@mopsidebar
8779 \m@m@makecoltext
8780 \global \maxdepth \@maxdepth}
8781 \bidi@ensure@newcommand{\feetabovelfloat}{\gdef\@makecol{\mem@makecol}}
8782 \feetabovelfloat%

```

7.54 extreport-xetex-bidi.def

```

8783 \ProvidesFile{extreport-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extreport class for
8784 \renewcommand*\l@part[2]{%
8785 \ifnum \c@tocdepth >-2\relax
8786 \addpenalty{-\@highpenalty}%
8787 \addvspace{2.25em \@plus\p@}%
8788 \begingroup
8789 \setlength\@tempdima{3em}%
8790 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8791 \parfillskip -\@pnumwidth
8792 {\leavevmode
8793 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
8794 \nobreak
8795 \global\@nobreaktrue
8796 \everypar{\global\@nobreakfalse\everypar{}}%
8797 \endgroup
8798 \fi}
8799 \renewcommand*\l@chapter[2]{%
8800 \ifnum \c@tocdepth >\m@ne
8801 \addpenalty{-\@highpenalty}%
8802 \vskip 1.0em \@plus\p@
8803 \setlength\@tempdima{1.5em}%

```

```

8804 \begingroup
8805 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8806 \parfillskip -\@pnumwidth
8807 \leavevmode \bfseries
8808 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
8809 \hskip -\if@RTL\rightskip\else\leftskip\fi
8810 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
8811 \penalty\@highpenalty
8812 \endgroup
8813 \fi}
8814 \def\@makechapterhead#1{%
8815 \vspace*{50\p@}%
8816 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
8817 \ifnum \c@secnumdepth >\m@ne
8818 \huge\bfseries \@chapapp\space \thechapter
8819 \par\nobreak
8820 \vskip 20\p@
8821 \fi
8822 \interlinepenalty\@M
8823 \Huge \bfseries #1\par\nobreak
8824 \vskip 40\p@
8825 }}
8826 \def\@makeschapterhead#1{%
8827 \vspace*{50\p@}%
8828 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
8829 \normalfont
8830 \interlinepenalty\@M
8831 \Huge \bfseries #1\par\nobreak
8832 \vskip 40\p@
8833 }}
8834 \renewcommand\left@footnoterule{%
8835 \kern-3\p@
8836 \hrule\@width.4\columnwidth
8837 \kern2.6\p@}
8838 \renewcommand\right@footnoterule{%
8839 \hbox to \columnwidth
8840 {\beginR \vbox{%
8841 \kern-3\p@
8842 \hrule\@width.4\columnwidth
8843 \kern2.6\p@}\hfil\endR}}
8844 \renewenvironment{thebibliography}[1]
8845 {\chapter*{\bibname
8846 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
8847 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
8848 \list{\@biblabel{\@arabic\c@enumiv}}%
8849 {\settowidth\labelwidth{\@biblabel{#1}}%
8850 \leftmargin\labelwidth
8851 \advance\leftmargin\labelsep
8852 \@openbib@code
8853 \usecounter{enumiv}}%

```

```

8854         \let\p@enumiv\@empty
8855         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
8856         \sloppy\clubpenalty4000\widowpenalty4000%
8857         \sfcode`\.\@m}
8858     {\def\@noitemerr
8859      {\@latex@warning{Empty `thebibliography' environment}}}%
8860     \endlist}
8861 \if@titlepage
8862 \renewcommand\maketitle{\begin{titlepage}%
8863 \let\footnotesize\small
8864 \let\right@footnoterule\relax
8865 \let\left@footnoterule\relax
8866 \let\textwidth\footnoterule\relax
8867 \let \footnote \thanks
8868 \null\vfil
8869 \vskip 60\p@
8870 \begin{center}%
8871   {\LARGE \@title \par}%
8872   \vskip 3em%
8873   {\large
8874    \lineskip .75em%
8875    \begin{tabular}[t]{c}%
8876      \@author
8877    \end{tabular}\par}%
8878    \vskip 1.5em%
8879    {\large \@date \par}%           % Set date in \large size.
8880 \end{center}\par
8881 \@thanks
8882 \vfil\null
8883 \end{titlepage}%
8884 \setcounter{footnote}{0}%
8885 \global\let\thanks\relax
8886 \global\let\maketitle\relax
8887 \global\let\@thanks\@empty
8888 \global\let\@author\@empty
8889 \global\let\@date\@empty
8890 \global\let\@title\@empty
8891 \global\let\title\relax
8892 \global\let\author\relax
8893 \global\let\date\relax
8894 \global\let\and\relax
8895 }
8896 \else
8897 \renewcommand\maketitle{\par
8898 \begingroup
8899   \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
8900   \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
8901   \long\def\@makefntext##1{\parindent 1em\noindent
8902     \hb@xt@1.8em{%
8903       \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%

```

```

8904 \if@twocolumn
8905 \ifnum \col@number=\@ne
8906 \maketitle
8907 \else
8908 \twocolumn[\maketitle]%
8909 \fi
8910 \else
8911 \newpage
8912 \global\@topnum\z@ % Prevents figures from going at top of page.
8913 \maketitle
8914 \fi
8915 \thispagestyle{plain}\@thanks
8916 \endgroup
8917 \setcounter{footnote}{0}%
8918 \global\let\thanks\relax
8919 \global\let\maketitle\relax
8920 \global\let\@maketitle\relax
8921 \global\let\@thanks\@empty
8922 \global\let\@author\@empty
8923 \global\let\@date\@empty
8924 \global\let\@title\@empty
8925 \global\let\title\relax
8926 \global\let\author\relax
8927 \global\let\date\relax
8928 \global\let\and\relax
8929 }
8930 \def\@maketitle{%
8931 \newpage
8932 \null
8933 \vskip 2em%
8934 \begin{center}%
8935 \let \footnote \thanks
8936 {\LARGE \@title \par}%
8937 \vskip 1.5em%
8938 {\large
8939 \lineskip .5em%
8940 \begin{tabular}[t]{c}%
8941 \@author
8942 \end{tabular}\par}%
8943 \vskip 1em%
8944 {\large \@date}%
8945 \end{center}%
8946 \par
8947 \vskip 1.5em}
8948 \fi
8949 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
8950 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\csubsection}
8951 \renewcommand\thesubsubsection {\thesubsection \@SepMark\@arabic\csubsubsection}
8952 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\cparagraph}
8953 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\csubparagraph}

```

```

8954 \renewcommand\theequation{%
8955   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
8956 \renewcommand\thefigure{%
8957   \ifnum \c@chapter>\z@\thechapter\@SepMark\fi \@arabic\c@figure}
8958 \renewcommand\thetable{%
8959   \ifnum \c@chapter>\z@\thechapter\@SepMark\fi \@arabic\c@table}

```

7.55 fancybox-xetex-bidi.def

```

8960 \ProvidesFile{fancybox-xetex-bidi.def}[2013/05/01 v0.1 bidi adaptations for fancybox package for
8961 \def\fancy@oval#1#2#3{%
8962   \boxmaxdepth \maxdimen
8963   \@ovttrue \@ovbtrue \@ovltrue \@ovrtrue
8964   \@tfor\@tempa :=#3\do{\csname @ov\@tempa false\endcsname}%
8965   \@ovxx#1\relax
8966   \advance\@ovxx-\@wholewidth
8967   \@ovyy#2\relax
8968   \advance\@ovyy-\@wholewidth
8969   \@tempdimb \ifdim \@ovyy >\@ovxx \@ovxx\else \@ovyy \fi
8970   \advance\@tempdimb-2\p@
8971   \ifdim\@tempdimb>\the@cornersize\relax
8972     \@tempdimb=\the@cornersize
8973   \fi
8974   \@getcirc\@tempdimb
8975   \@ovro\ht\@tempboxa \@ovri\dp\@tempboxa
8976   \@ovdx\@ovxx \advance\@ovdx-\@tempdima \divide\@ovdx \tw@
8977   \@ovdy\@ovyy \advance\@ovdy-\@tempdima \divide\@ovdy \tw@
8978   \@circlefnt
8979   \setbox\@tempboxa\hbox{\beginL%
8980     \if@ovr \@ovvert32\kern -\@tempdima \fi
8981     \if@ovl \kern \@ovxx \@ovvert01\kern -\@tempdima \kern -\@ovxx \fi
8982     \if@ovt \@ovhorz \kern -\@ovxx \fi
8983     \if@ovb \raise \@ovyy \@ovhorz \fi\endL}%
8984   \advance\@ovdx\@ovro
8985   \advance\@ovdy\@ovro
8986   \advance\@ovxx\@wholewidth
8987   \wd\@tempboxa=\@ovxx
8988   \dp\@tempboxa=\z@}

```

7.56 fancyhdr-xetex-bidi.def

```

8989 \ProvidesFile{fancyhdr-xetex-bidi.def}[2012/04/18 v0.4 bidi adaptations for fancyhdr package for
8990 \let\fnch@everypar\everypar%
8991 \def\@fancyhead#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hb
8992   \@fancyvbox\headheight{\hbox
8993     {\rlap{\parbox[b]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2\if@RTLma
8994       \parbox[b]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\else
8995       \llap{\parbox[b]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLma
8996 \def\@fancyfoot#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hb
8997   \@fancyvbox\footskip{\footrule
8998   \hbox{\rlap{\parbox[t]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2\if@RTLma

```

```

8999      \parbox[t]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\els
9000      \llap{\parbox[t]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLm

```

7.57 fix2col-xetex-bidi.def

```

9001 \ProvidesFile{fix2col-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for fix2col package for X
9002 \def\RTL@outputdblcol{%
9003   \if@firstcolumn
9004     \global\@firstcolumnfalse
9005     \global\setbox\@leftcolumn\copy\@outputbox
9006     \splitmaxdepth\maxdimen
9007     \vbadness\maxdimen
9008     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
9009     \toks@{\expandafter{\topmark}}%
9010     \xdef\@firstcoltopmark{\the\toks@}%
9011     \toks@\expandafter{\splitfirstmark}%
9012     \xdef\@firstcolfirstmark{\the\toks@}%
9013     \ifx\@firstcolfirstmark\@empty
9014       \global\let\@setmarks\relax
9015     \else
9016       \gdef\@setmarks{%
9017         \let\firstmark\@firstcolfirstmark
9018         \let\topmark\@firstcoltopmark}%
9019     \fi
9020 \else \global\@firstcolumntrue
9021 \setbox\@outputbox \vbox {\hbox to\textwidth {%
9022   \hskip \columnwidth
9023   \hfil \vrule width\columnseprule \hfil
9024   \hbox to\columnwidth {\box\@leftcolumn \hss}%
9025   \hskip -\textwidth
9026   \hbox to\columnwidth{\box\@outputbox \hss}%
9027   \hskip \columnsep
9028   \hskip \columnwidth }}%
9029 \combinedblfloats \setmarks \@outputpage
9030 \begingroup \@dblfloatplacement \startdblcolumn
9031 \@whiles\if@fcolmade \fi
9032 {\@outputpage \startdblcolumn }\endgroup
9033 \fi}
9034 \def\LTR@outputdblcol{%
9035   \if@firstcolumn
9036     \global\@firstcolumnfalse
9037     \global\setbox\@leftcolumn\copy\@outputbox
9038     \splitmaxdepth\maxdimen
9039     \vbadness\maxdimen
9040     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
9041     \toks@\expandafter{\topmark}%
9042     \xdef\@firstcoltopmark{\the\toks@}%
9043     \toks@\expandafter{\splitfirstmark}%
9044     \xdef\@firstcolfirstmark{\the\toks@}%
9045     \ifx\@firstcolfirstmark\@empty

```

```

9046     \global\let\@setmarks\relax
9047   \else
9048     \gdef\@setmarks{%
9049       \let\firstmark\@firstcolfirstmark
9050       \let\topmark\@firstcoltopmark}%
9051   \fi
9052 \else
9053   \global\@firstcolumntrue
9054   \setbox\@outputbox\vbox{%
9055     \hb@xt@\textwidth{%
9056       \hb@xt@\columnwidth{\box\@leftcolumn \hss}%
9057       \hfil
9058       \vrule \@width\columnseprule
9059       \hfil
9060       \hb@xt@\columnwidth{\box\@outputbox \hss}}}%
9061 \@combinedblfloats
9062   \@setmarks
9063   \@outputpage
9064   \beginingroup
9065     \@dblfloatplacement
9066     \@startdblcolumn
9067     \@whiles\if@fcolmade \fi{\@outputpage\@startdblcolumn}%
9068   \endgroup
9069 \fi}

```

7.58 fleqn-xetex-bidi.def

```

9070 \ProvidesFile{fleqn-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for fleqn tag for XeTeX eng
9071 \renewcommand\[{ \relax
9072     \ifmmode\@badmath
9073     \else
9074       \begin{trivlist}%
9075         \@beginparpenalty\predisplaypenalty
9076         \@endparpenalty\postdisplaypenalty
9077         \item[]\leavevmode
9078         \hb@xt@\linewidth\bggroup \beginL$\m@th\displaystyle %$
9079         \hskip\mathindent\bggroup
9080       \fi}
9081 \renewcommand\]{ \relax
9082     \ifmmode
9083       \egroup $\hfil% $
9084       \endL\egroup
9085       \end{trivlist}%
9086     \else \@badmath
9087     \fi}
9088 \renewenvironment{equation}%
9089   {\@beginparpenalty\predisplaypenalty
9090    \@endparpenalty\postdisplaypenalty
9091    \refstepcounter{equation}%
9092    \trivlist \item[]\leavevmode

```

```

g093      \hb@xt@\linewidth\bgroup\beginL $\m@th% $
g094      \displaystyle
g095      \hskip\mathindent}%
g096      {\hfil % $
g097      \displaywidth\linewidth\hbox{\eqnum}%
g098      \endL\egroup
g099      \endtrivlist}

```

7.59 float-xetex-bidi.def

```

g100 \ProvidesFile{float-xetex-bidi.def}[2013/04/04 v0.2 bidi adaptations for float package for XeTeX]
g101 \renewcommand\floatc@plain[2]{\setbox\tempboxa\hbox{\@fs@cfont #1:} #2}%
g102 \ifdim\wd\tempboxa>\hsize {\@fs@cfont #1:} #2\par
g103 \else\hbox to\hsize{\if@RTL\beginR\fi\hfil\box\tempboxa\hfil\if@RTL\endR\fi}\fi}
g104 \def\float@newx#1[#2]{\@ifundefined{c@#1}{\newcounter{#1}[#2]%
g105 \expandafter\edef\csname the#1\endcsname{%
g106 \expandafter\noexpand\csname
g107 the#2\endcsname\@SepMark\noexpand\arabic{#1}}}%
g108 {\PackageWarning{float}{Can't redefine counter variable for #1.}}}

```

7.60 floatrow-xetex-bidi.def

```

g109 \ProvidesFile{floatrow-xetex-bidi.def}[2013/04/08 v0.1 bidi adaptations for floatrow package for XeTeX]
g110 \renewcommand\flnew@within[1]{\@addtoreset{FB@captype}{#1}%
g111 \expandafter\edef\csname the\FB@captype\endcsname{%
g112 \expandafter\noexpand\csname
g113 the#1\endcsname\@SepMark\noexpand\arabic{FB@captype}}}

```

7.61 flowfram-xetex-bidi.def

```

g114 \ProvidesFile{flowfram-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for flowfram package for XeTeX]
g115 \def\@outputdblcol{%
g116 \@nxtcol=\c@thisframe
g117 \c@curpg=\c@page
g118 \@g@tnextcol{\@nxtcol}%
g119 \if@ff@nwpg % next flow frame starts on new page
g120 \global\@firstcolumntrue
g121 \@setcolbox\c@thisframe
g122 \if@specialpage
g123 \global\@specialpagefalse
g124 \nameuse{ps@\@specialstyle}\relax
g125 \fi
g126 \if@twoside
g127 \ifodd\count\z@
g128 \let\@thehead\@oddhead
g129 \let\@thefoot\@oddfoot
g130 \else
g131 \let\@thehead\@evenhead
g132 \let\@thefoot\@evenfoot
g133 \fi
g134 \else
g135 \let\@thehead\@oddhead

```

```

9136 \let\@thefoot\@oddfoot
9137 \fi
9138 \@beginndvi
9139 \@dodynamicthehead\@dodynamicthefoot
9140 \vbadness=\@M
9141 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}}%
9142 \@combinedblfloats
9143 \@outputpage
9144 \advance\c@curpg by -\c@page\relax
9145 \whileof\c@curpg>0{\advance\c@curpg by -1\relax
9146 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}}%
9147 \@outputpage}
9148 \begingroup
9149 \dblfloatplacement
9150 \startdblcolumn
9151 \@whilesw \if@fcolmade \fi
9152 {\@outputpage \startdblcolumn }\endgroup
9153 \@resetst@tics
9154 \@resetdyn@mics
9155 \else % still on same page, save contents of box255
9156 \global\@firstcolumnfalse
9157 \setcolbox\c@thisframe
9158 \fi
9159 \global\c@thisframe=\@nxtcol
9160 \setcol{\c@thisframe}\relax
9161 \global\@colht\vsiz
9162 }
9163 \def\@outputpage{%
9164 \begingroup
9165 \let\protect\noexpand
9166 \@resetactivechars
9167 \global\let\@if@newlist\if@newlist
9168 \global\@newlistfalse\@parboxrestore
9169 \shipout\vbox{\set@typeset@protect
9170 \aftergroup
9171 \endgroup
9172 \aftergroup
9173 \set@typeset@protect
9174 \reset@font\normalsize\normalsfcodes
9175 \let\label\@gobble
9176 \let\index\@gobble
9177 \let\glossary\@gobble
9178 \baselineskip\z@skip
9179 \lineskip\z@skip
9180 \lineskiplimit\z@
9181 \vskip\topmargin\moveright\@themargin
9182 \vbox{%
9183 \vskip\headheight
9184 \vskip\headsep
9185 \box\@outputbox

```

```

g186    }}%
g187    \global\let\if@newlist\@if@newlist
g188    \stepcounter{page}%
g189    \setcounter{displayedframe}{0}%
g190    \let\firstmark\botmark}
g191
g192
g193    \newcommand*\bidi@s@tfftextcol{\ifthenelse{\equal{\ff@txtcol}{}}{}}{%
g194    \expandafter\bidicolor\ff@txtcol}}
g195
g196    \newcommand{\bidi@ff@box}[3]{\@ffbackground{\vbox to#2
g197    {\hb@xt@ #1{\hss{\bidi@s@tfftextcol #3}\hss}\vss\kern\z@}}}}
g198
g199
g200    \renewcommand*\@docolbox}[1]{%
g201    \edef\ff@frametype{%
g202    \csname @ff@frametype@\romannumeral#1\endcsname}%
g203    \edef\ff@col{\csname @ff@col@\romannumeral#1\endcsname}%
g204    \edef\ff@txtcol{\csname @ff@txtcol@\romannumeral#1\endcsname}%
g205    \edef\ff@backcol{\csname @ff@backcol@\romannumeral#1\endcsname}%
g206    \@ff@setoffset{#1}%
g207    \rotateframe{\csname @ff@angle@\romannumeral#1\endcsname}{%
g208    \ifthenelse{\boolean{columnframe\romannumeral#1}}{%
g209    \@ff@fbox{\csname colwidth\romannumeral#1\endcsname}%
g210    {\csname colheight\romannumeral#1\endcsname}}{%
g211    \expandafter\box\csname column\romannumeral#1\endcsname}{%
g212    \csname\ff@frametype\endcsname}%
g213    }{%
g214    \bidi@ff@box{\csname colwidth\romannumeral#1\endcsname}%
g215    {\csname colheight\romannumeral#1\endcsname}}{%
g216    \expandafter\box\csname column\romannumeral#1\endcsname}%
g217    }}}
g218    \ifclassloaded{book}{%
g219    \renewcommand\theequation
g220    {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
g221    \renewcommand \thefigure
g222    {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
g223    \renewcommand \thetable
g224    {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
g225    \renewcommand \thechapter {\@arabic\c@chapter}
g226    \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
g227    \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
g228    \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
g229    \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
g230    \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{%
g231    \ifclassloaded{report}{%
g232    \renewcommand\theequation
g233    {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
g234    \renewcommand \thefigure
g235    {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}

```

```

9236 \renewcommand \thetable
9237     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9238 \renewcommand \thechapter {\@arabic\c@chapter}
9239 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9240 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9241 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
9242 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9243 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
9244 \renewcommand{\rotateframe}[2]{\if@ttb@rotate
9245 \rotatebox{#1}{\if@RTL\beginL\fi#2\if@RTL\endL\fi}}%
9246 \else
9247 #2\relax
9248 \fi}

```

7.62 footnote-xetex-bidi.def

```

9249 \ProvidesFile{footnote-xetex-bidi.def}[2013/04/26 v0.8 bidi footnote macros for XeTeX engine]
9250 \if@RTLmain\@RTL@footnotetrue\else\@RTL@footnotefalse\fi
9251 \newif\ifbidi@autofootnoterule
9252 \def\bidi@mpfootnoterule{\footnoterule}
9253 \newcounter{footdir@label}
9254 \renewcommand*{\thefootdir@label}{footdir@the\value{footdir@label}}
9255 \newcommand*{\footdir@write}{%
9256 \stepcounter{footdir@label}%
9257 \xref@labelbyprops{\thefootdir@label}{abspage}%
9258 }
9259 \newif\iffootdir@debug
9260 \newcommand*{\debugfootnotedirection}{\footdir@debugtrue}
9261 \newtoks\footdir@toks
9262 \newcommand*{\footdir@debug}[1]{%
9263 \iffootdir@debug
9264 \typeout{[footdir] #1}%
9265 \fi
9266 }
9267 \@ifpackagelater{zref-abspage}{2012/10/27}{%
9268 \newcommand*{\footdir@LeftRightElse}{%
9269 \ltx@ifundefined{footdir@the\value{zabspage}}{%
9270 \footdir@debug{abspage \the\value{zabspage}: else}%
9271 \ltx@thirdofthree
9272 }{%
9273 \if\csname footdir@the\value{zabspage}\endcsname L%
9274 \footdir@debug{abspage \the\value{zabspage}: left}%
9275 \expandafter\ltx@firstofthree
9276 \else
9277 \footdir@debug{abspage \the\value{zabspage}: right}%
9278 \expandafter\ltx@secondofthree
9279 \fi
9280 }%
9281 }%
9282 }{%

```

```

9283 \providecommand*{\c@zabspage}{\c@abspage}%
9284 \newcommand*{\footdir@LeftRightElse}{%
9285   \footdir@write
9286   \zifrefundefined{\thefootdir@label}{%
9287     \footdir@debug{abspage ??: else}%
9288     \ltx@thirdofthree
9289   }{%
9290     \edef\footdir@abspage{%
9291       \zref@extractdefault{\thefootdir@label}{abspage}{0}%
9292     }%
9293     \ltx@ifundefined{footdir@\footdir@abspage}{%
9294       \footdir@debug{\footdir@abspage: else}%
9295       \ltx@thirdofthree
9296     }{%
9297       \if\csname footdir@\footdir@abspage\endcsname L%
9298         \footdir@debug{\footdir@abspage: left}%
9299         \expandafter\ltx@firstofthree
9300       \else
9301         \footdir@debug{\footdir@abspage: right}%
9302         \expandafter\ltx@secondofthree
9303       \fi
9304     }%
9305   }%
9306 }%
9307 }
9308 \newcommand*{\footdir@fntext}[1]{%
9309   \zifrefundefined{\thefootdir@label}{%
9310     {%
9311       \edef\footdir@name{%
9312         footdir@\zref@extractdefault{\thefootdir@label}{abspage}{0}%
9313       }%
9314       \@ifundefined{\footdir@name}{%
9315         \expandafter\gdef\csname\footdir@name\endcsname{#1}%
9316       }{%
9317         }%
9318     }
9319 }
9320 \newcommand*{\footdir@temp}[3]{%
9321   \@ifdefinable{#1}{%
9322     \let#1#2%
9323     \renewcommand{#2}[1]{%
9324       \footdir@write
9325       \footdir@fntext{#3}%
9326       \stepcounter{footdir@label}%
9327       \footdir@fntext{#3}%
9328       \footdir@toks{##1}%
9329       \footdir@toks\expandafter{%
9330         \the\expandafter\footdir@toks
9331       }\expandafter
9332       \zref@labelbyprops\expandafter{\thefootdir@label}{abspage}%

```

```

9333     }%
9334     \expandafter#1\expandafter{\the\footdir@toks}%
9335     }%
9336 }%
9337 }
9338
9339 \def\right@footnoterule{%
9340   \hbox to \columnwidth
9341   {\beginR \vbox{\kern -3\p@
9342     \hrule width .4\columnwidth \kern2.6\p@}\hfil\endR}}
9343 \def\left@footnoterule{%
9344   \hrule width .4\columnwidth\kern 2.6\p@}
9345 \def\textwidth@footnoterule{\kern-3\p@
9346   \hrule \@width \columnwidth \kern 2.6\p@}
9347 \def\leftfootnoterule{%
9348   \bidi@autofootnoterulefalse%
9349   \def\footnoterule{\left@footnoterule}}
9350 \let\LRfootnoterule=\leftfootnoterule
9351 \def\rightfootnoterule{%
9352   \bidi@autofootnoterulefalse%
9353   \def\footnoterule{\right@footnoterule}}
9354 \def\textwidthfootnoterule{%
9355   \bidi@autofootnoterulefalse%
9356   \def\footnoterule{\textwidth@footnoterule}}
9357
9358
9359
9360 \def\auto@footnoterule{%
9361   \footdir@LeftRightElse%
9362   \left@footnoterule%
9363   \right@footnoterule%
9364   \left@footnoterule%
9365 }
9366
9367
9368
9369 \def\autofootnoterule{%
9370   \bidi@autofootnoteruletrue%
9371   \def\footnoterule{\auto@footnoterule}%
9372 }
9373
9374 \newcommand*\SplitFootnoteRule{%
9375   \gdef\split@prev{0}
9376   \let\pagefootnoterule\footnoterule
9377   \let\mpfootnoterule\footnoterule
9378   \def\splitfootnoterule{\kern-3\p@ \hrule \kern2.6\p@}
9379   \def\footnoterule{\relax
9380     \ifx \@listdepth\@mplistdepth
9381       \mpfootnoterule
9382     \else

```

```

9383     \ifnum\split@prev=\z@
9384     \pagefootnoterule
9385     \else
9386     \splitfootnoterule
9387     \fi
9388     \xdef\split@prev{\the\insertpenalties}%
9389 \fi
9390 }%
9391 }
9392
9393
9394
9395
9396 \def\RTLfootnote{\@ifnextchar[\@xRTLfootnote{\stepcounter\@mpfn
9397     \protected@xdef\@thefnmark{\thempfn}%
9398     \@footnotemark\@RTLfootnotetext}}
9399 \def\@xRTLfootnote[#1]{%
9400     \begingroup
9401     \csname c@\@mpfn\endcsname #1\relax
9402     \unrestored@protected@xdef\@thefnmark{\thempfn}%
9403     \endgroup
9404     \@footnotemark\@RTLfootnotetext}
9405 \def\LTRfootnote{\@ifnextchar[\@xLTRfootnote{\stepcounter\@mpfn
9406     \protected@xdef\@thefnmark{\thempfn}%
9407     \@footnotemark\@LTRfootnotetext}}
9408 \def\@xLTRfootnote[#1]{%
9409     \begingroup
9410     \csname c@\@mpfn\endcsname #1\relax
9411     \unrestored@protected@xdef\@thefnmark{\thempfn}%
9412     \endgroup
9413     \@footnotemark\@LTRfootnotetext}
9414
9415
9416 \def\setfootnoteRL{\@RTL@footnotetrue}
9417 \def\unsetfootnoteRL{\@RTL@footnotefalse}
9418 \def\setfootnoteLR{\unsetfootnoteRL}
9419
9420 \long\def\@footnotetext#1{\insert\footins{%
9421     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9422     \reset@font\footnotesize
9423     \interlinepenalty\interfootnotelinepenalty
9424     \splittopskip\footnotesep
9425     \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9426     \hsize\columnwidth \@parboxrestore
9427     \protected@edef\@currentlabel{%
9428         \csname p@footnote\endcsname\@thefnmark
9429     }%
9430     \color@begingroup
9431     \@makefntext{%
9432         \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%

```

```

9433 \color@endgroup}}%
9434
9435
9436 \long\def\@RTLfootnotetext#1{\insert\footins{%
9437 \@RTLtrue%
9438 \reset@font\footnotesize
9439 \interlinepenalty\interfootnotelinepenalty
9440 \splittopskip\footnotesep
9441 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9442 \hsize\columnwidth \@parboxrestore
9443 \protected@edef\@currentlabel{%
9444 \csname p@footnote\endcsname\@thefnmark
9445 }%
9446 \color@begingroup
9447 \@makefntext{%
9448 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9449 \color@endgroup}}%
9450
9451 \long\def\@LTRfootnotetext#1{\insert\footins{%
9452 \@RTLfalse%
9453 \reset@font\footnotesize
9454 \interlinepenalty\interfootnotelinepenalty
9455 \splittopskip\footnotesep
9456 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9457 \hsize\columnwidth \@parboxrestore
9458 \protected@edef\@currentlabel{%
9459 \csname p@footnote\endcsname\@thefnmark
9460 }%
9461 \color@begingroup
9462 \@makefntext{%
9463 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9464 \color@endgroup}}%
9465
9466 \AtBeginDocument{%
9467 \if@RTL@footnote
9468 \newcommand*{\bidi@footdir@footnote}{R}
9469 \else
9470 \newcommand*{\bidi@footdir@footnote}{L}
9471 \fi%
9472 }
9473
9474 \footdir@temp\footdir@ORG@bidi@footnotetext\@footnotetext{\bidi@footdir@footnote}%
9475 \footdir@temp\footdir@ORG@bidi@RTLfootnotetext\@RTLfootnotetext{R}%
9476 \footdir@temp\footdir@ORG@bidi@LTRfootnotetext\@LTRfootnotetext{L}%
9477
9478 \long\def\@mpRTLfootnotetext#1{%
9479 \ifbidi@autofooterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footno
9480 \global\setbox\@mpfootins\vbox{\@RTLtrue%
9481 \unvbox\@mpfootins
9482 \reset@font\footnotesize

```

```

9483 \hsize\columnwidth
9484 \@parboxrestore
9485 \protected@edef\@currentlabel
9486 {\csname p@mpfootnote\endcsname\@thefnmark}%
9487 \color@begingroup
9488 \@makefntext{%
9489 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9490 \color@endgroup}}
9491 \long\def\@mpLTrfootnotetext#1{%
9492 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\@bidi@mpfootnoterule\left@footnote
9493 \global\setbox\@mpfootins\vbox{\@RTLfalse%
9494 \unvbox\@mpfootins
9495 \reset@font\footnotesize
9496 \hsize\columnwidth
9497 \@parboxrestore
9498 \protected@edef\@currentlabel
9499 {\csname p@mpfootnote\endcsname\@thefnmark}%
9500 \color@begingroup
9501 \@makefntext{%
9502 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9503 \color@endgroup}}
9504 \long\def\@mpfootnotetext#1{%
9505 \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\if@RTL@footnote\global\let\@bidi@mpfootnoterule
9506 \global\setbox\@mpfootins\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9507 \unvbox\@mpfootins
9508 \reset@font\footnotesize
9509 \hsize\columnwidth
9510 \@parboxrestore
9511 \protected@edef\@currentlabel
9512 {\csname p@mpfootnote\endcsname\@thefnmark}%
9513 \color@begingroup
9514 \@makefntext{%
9515 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9516 \color@endgroup}}
9517 \def\@iiiminipage#1#2[#3]#4{%
9518 \leavevmode
9519 \@pboxswfalse
9520 \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
9521 \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
9522 \setlength\@tempdima{#4}%
9523 \def\@mpargs{{#1}{#2}[#3]{#4}}%
9524 \setbox\@tempboxa\vbox\bgroup
9525 \color@begingroup
9526 \hsize\@tempdima
9527 \textwidth\hsize \columnwidth\hsize
9528 \@parboxrestore
9529 \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
9530 \let\@footnotetext\@mpfootnotetext
9531 \let\@LTrfootnotetext\@mpLTrfootnotetext
9532 \let\@RTLfootnotetext\@mpRTLfootnotetext

```

```

9533     \let\@listdepth\@mplistdepth \@mplistdepth\z@
9534     \@minipagerestore
9535     \@setminipage}
9536 \def\endminipage{%
9537     \par
9538     \unskip
9539     \ifvoid\@mpfootins\else
9540         \vskip\skip\@mpfootins
9541         \normalcolor
9542         \bidi@mpfootnoterule
9543         \unvbox\@mpfootins
9544     \fi
9545     \@minipagefalse    %% added 24 May 89
9546     \color@endgroup
9547     \egroup
9548     \expandafter\@iiparbox\@mpargs{\unvbox\@tempboxa}}
9549 \def\LTRthanks#1{\footnotemark
9550     \protected@xdef\@thanks{\@thanks
9551         \protect\LTRfootnotetext[\the\c@footnote]{#1}}}%
9552 }
9553 \def\LTRfootnotetext{%
9554     \ifnextchar [\@xLTRfootnotenext
9555         {\protected@xdef\@thefnmark{\thempfn}%
9556         \@LTRfootnotetext}}
9557 \def\@xLTRfootnotenext[#1]{%
9558     \begingroup
9559         \csname c@\@mpfn\endcsname #1\relax
9560         \unrestored@protected@xdef\@thefnmark{\thempfn}%
9561     \endgroup
9562     \@LTRfootnotetext}
9563 \def\RTLthanks#1{\footnotemark
9564     \protected@xdef\@thanks{\@thanks
9565         \protect\RTLfootnotetext[\the\c@footnote]{#1}}}%
9566 }
9567 \let\@thanks\@empty
9568 \def\RTLfootnotetext{%
9569     \ifnextchar [\@xRTLfootnotenext
9570         {\protected@xdef\@thefnmark{\thempfn}%
9571         \@RTLfootnotetext}}
9572 \def\@xRTLfootnotenext[#1]{%
9573     \begingroup
9574         \csname c@\@mpfn\endcsname #1\relax
9575         \unrestored@protected@xdef\@thefnmark{\thempfn}%
9576     \endgroup
9577     \@RTLfootnotetext}
9578 \leftfootnoterule

```

7.63 framed-xetex-bidi.def

```

9579 \ProvidesFile{framed-xetex-bidi.def}[2012/06/05 v0.3 bidi adaptations for framed package for XeT

```

```

9580 \renewcommand\TitleBarFrame[3][\begingroup
9581   \ifx\delimiter#1\delimiter
9582     \let\TF@conlab\@empty
9583   \else
9584     \def\TF@conlab{% continuation label
9585       \nointerlineskip
9586       \smash{\rlap{\kern\wd\@tempboxa\kern\fboxrule\kern\fboxsep #1}}}%
9587   \fi
9588   %\let\TF@savecolor\current@color
9589   \textcolor{TFFrameColor}{%
9590     \CustomFBox
9591       {\TF@Title{#2}}{\TF@conlab}%
9592     \fboxrule\fboxrule\fboxrule\fboxrule
9593     %{\let\current@color\TF@savecolor\set@color #3}%
9594     {\normalcolor #3}%
9595   }\endgroup
9596 }
9597 \renewenvironment{titled-frame}[1]{%
9598   \def\FrameCommand{\fboxsep8pt\fboxrule2pt
9599     \TitleBarFrame{\textbf{#1}}}%
9600   \def\FirstFrameCommand{\fboxsep8pt\fboxrule2pt
9601     \TitleBarFrame{${\if@RTL\blacktriangleleft\else\blacktriangleright\fi$}{\textbf{#1}}}%
9602   \def\MidFrameCommand{\fboxsep8pt\fboxrule2pt
9603     \TitleBarFrame{${\if@RTL\blacktriangleleft\else\blacktriangleright\fi$}{\textbf{#1} (cont)}}%
9604   \def\LastFrameCommand{\fboxsep8pt\fboxrule2pt
9605     \TitleBarFrame{\textbf{#1} (cont)}}}%
9606   \MakeFramed{\advance\hsize-20pt \FrameRestore}}%
9607 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
9608 % could interfere with the width measurement.
9609 {\endMakeFramed}
9610 \chardef\FrameRestore=\catcode`\| % for debug
9611 \catcode`\|=\catcode`\% % (debug: insert space after backslash)
9612 \def\fb@put@frame#1#2{\relax
9613   \ifdim\pagegoal=\maxdimen \pagegoal\vsize \fi
9614   | \message{===== Entering putframe =====^~J
9615   | \pagegoal=\the\pagegoal, \pagetotal=\the\pagetotal. }%
9616   \ifinner
9617     \fb@putboxa#1%
9618     \fb@afterframe
9619   \else
9620     \dimen@\pagegoal \advance\dimen@-\pagetotal % natural space left on page
9621     \ifdim\dimen@<2\baselineskip % Too little room on page
9622     | \message{Page has only \the\dimen@\space room left; eject. }%
9623     | \eject \fb@adjheight \fb@put@frame#1#2%
9624     \else % there's appreciable room left on the page
9625       \fb@sizeofframe#1%
9626     | \message{\string\pagetotal=\the\pagetotal,
9627     | \string\pagegoal=\the\pagegoal,
9628     | \string\pagestretch=\the\pagestretch,
9629     | \string\pageshrink=\the\pageshrink,

```

```

9630 |         \string\fb@frh=\the\fb@frh. \space}
9631 |     \message{^^JBox of size \the\ht\@tempboxa\space}%
9632 |     \begingroup % temporarily set \dimen@ to be...
9633 |     \advance\dimen@.8\pageshrink % maximum space available on page
9634 |     \advance\dimen@-\fb@frh\relax % max space available for frame's contents
9635 |     %% LOOKS SUBTRACTED AND ADDED, SO DOUBLE ACCOUNTING!
9636 |     \expandafter\endgroup
9637 |     % expand \ifdim, then restore \dimen@ to real room left on page
9638 |     \ifdim\dimen@>\ht\@tempboxa % whole box does fit
9639 |         \message{fits in \the\dimen@. }%
9640 |         % ToDo: Change this to use vsplit anyway to capture the marks
9641 |         % MERGE THIS WITH THE else CLAUSE!!!
9642 |         \fb@putboxa#1%
9643 |         \fb@afterframe
9644 |     \else % box must be split
9645 |         \message{must be split to fit in \the\dimen@. }%
9646 |         % update frame measurement to use \FirstFrameCommand or \MidFrameCommand
9647 |         \fb@sizeofframe#2%
9648 |         \setbox\@tempboxa\vbox{% simulate frame and flexibility of the page:
9649 |             \vskip \fb@frh \@plus\pagestretch \@minus.8\pageshrink
9650 |             \kern137sp\kern-137sp\penalty-30
9651 |             \unvbox\@tempboxa}%
9652 |         \edef\fb@resto@set{\boxmaxdepth\the\boxmaxdepth
9653 |             \splittopskip\the\splittopskip}%
9654 |         \boxmaxdepth\z@ \splittopskip\z@
9655 |         \message{^^JPadded box of size \the\ht\@tempboxa\space split to \the\dimen@}%
9656 |         % Split box here
9657 |         \setbox\tw@\vsplit\@tempboxa to\dimen@
9658 |         \toks99\expandafter{\splitfirstmark}%
9659 |         \toks98\expandafter{\splitbotmark}%
9660 |         \message{Marks are: \the\toks99, \the\toks98. }%
9661 |         \setbox\tw@\vbox{\unvbox\tw@}% natural-sized
9662 |         \message{Natural height of split box is \the\ht\tw@, leaving
9663 |             \the\ht\@tempboxa\space remainder. }%
9664 |         % If the split-to size > (\vsize-\topskip), then set box to full size.
9665 |         \begingroup
9666 |         \advance\dimen@\topskip
9667 |         \expandafter\endgroup
9668 |         \ifdim\dimen@>\pagegoal
9669 |             \message{Frame is big -- Use up the full column. }%
9670 |             \dimen@ii\pagegoal
9671 |             \advance\dimen@ii -\topskip
9672 |             \advance\dimen@ii \FrameHeightAdjust\relax
9673 |         \else % suspect this is implemented incorrectly:
9674 |             % If the split-to size > feasible room_on_page, rebox it smaller.
9675 |             \advance\dimen@.8\pageshrink
9676 |             \ifdim\ht\tw@>\dimen@
9677 |                 \message{Box too tall; rebox it to \the\dimen@. }%
9678 |                 \dimen@ii\dimen@
9679 |             \else % use natural size

```

```

9680         \dimen@ii\ht\tw@
9681         \fi
9682     \fi
9683     % Re-box contents to desired size \dimen@ii
9684     \advance\dimen@ii -\fb@frh
9685     \setbox\tw@\vbox to\dimen@ii \bgroup
9686     % remove simulated frame and page flexibility:
9687     \vskip -\fb@frh \@plus-\pagestretch \@minus-.8\pageshrink
9688     \unvbox\tw@ \unpenalty\unpenalty
9689     \ifdim\lastkern=-137sp % whole box went to next page
9690 |         \message{box split at beginning! }%
9691         % need work here???
9692     \egroup \fb@resto@set \eject % (\vskip for frame size was discarded)
9693     \fb@adjheight
9694     \fb@put@frame#1#2% INSERTED ???
9695     \else % Got material split off at the head
9696     \egroup \fb@resto@set
9697     \ifvoid\@tempboxa % it all fit after all
9698 |         \message{box split at end! }%
9699         \setbox\@tempboxa\box\tw@
9700         \fb@putboxa#1%
9701         \fb@afterframe
9702     \else % it really did split
9703 |         \message{box split as expected. Its reboxed height is \the\ht\tw@. }%
9704         \ifdim\wd\tw@>\z@
9705             \wd\tw@\wd\@tempboxa
9706             \centerline{#2{\hboxL{\box\tw@}}}% ??? \centerline bad idea
9707         \else
9708 |         \message{Zero width means likely blank. Don't frame it (guess)}%
9709             \box\tw@
9710         \fi
9711         \hrule \@height\z@ \@width\hsize
9712         \eject
9713         \fb@adjheight
9714         \fb@put@frame\LastFrameCommand\MidFrameCommand
9715     \fi\fi\fi\fi\fi
9716 }
9717 \def\fb@putboxa#1{%
9718     \ifvoid\@tempboxa
9719         \PackageWarning{framed}{Boxa is void -- discard it. }%
9720     \else
9721 |         \message{Frame and place boxa. }%
9722 |         %{\showoutput\showbox\@tempboxa}%
9723         \centerline{#1{\hboxL{\box\@tempboxa}}}%
9724     \fi
9725 }
9726 \catcode`\|=\FrameRestore
9727 \def\FrameRestore{%
9728     \let\if@nobreak\iffalse
9729     \let\if@noskipsec\iffalse

```

```

9730 \let\-\@dischyph
9731 \let'\@acci\let'\@accii\let\=\@acciii
9732 % \message{FrameRestore:
9733 % \totalleftmargin=\the \totalleftmargin,
9734 % \rightmargin=\the\rightmargin,
9735 % \listdepth=\the\listdepth. }%
9736 % Test if we are in a list (or list-like paragraph)
9737 \ifnum \ifdim\totalleftmargin>\z@ 1\fi
9738 \ifdim\rightmargin>\z@ 1\fi
9739 \ifnum\listdepth>\z@ 1\fi 0>\z@
9740 % \message{In a list: \linewidth=\the\linewidth, \totalleftmargin=\the\totalleftmargin,
9741 % \parshape=\the\parshape, \columnwidth=\the\columnwidth, \hsize=\the\hsize,
9742 % \labelwidth=\the\labelwidth. }%
9743 \@setminipage % snug fit around the item
9744 % Now try to propagate changes of width from \hsize to list parameters.
9745 % This is deficient, but a more advanced way to indicate modification to text
9746 % dimensions is not (yet) provided; in particular, no separate left/right
9747 % adjustment.
9748 \advance\linewidth-\columnwidth \advance\linewidth\hsize
9749 \parshape\@ne \totalleftmargin \linewidth
9750 \else % Not in list
9751 \linewidth=\hsize
9752 %\message{No list, set \string\linewidth=\the\hsize. }%
9753 \fi
9754 \sloppy
9755 }

```

7.64 ftnright-xetex-bidi.def

```

9756 \ProvidesFile{ftnright-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for ftnright package for
9757 \def\LTR@outputdblcol{\if@firstcolumn
9758 \global\@firstcolumnfalse
9759 \global\setbox\@leftcolumn\box\@outputbox
9760 \global\count\footins\@m
9761 \global\skip\footins\rcol\footinsskip
9762 \else \preparefootins
9763 \global\@firstcolumntrue
9764 \setbox\@outputbox\vbox{\hbox to\textwidth
9765 {\hbox to\columnwidth
9766 {\box\@leftcolumn\hss}}%
9767 \hfil\vrule\@width\columnseprule\hfil
9768 \hbox to\columnwidth
9769 {\box\@outputbox\hss}}}%
9770 \@combinedblfloats\@outputpage
9771 \begingroup
9772 \@dblfloatplacement\@startdblcolumn
9773 \@whiles\if@fcolmade\fi
9774 {\@outputpage\@startdblcolumn}%
9775 \endgroup
9776 \fi}

```



```

9824 \else
9825 \ht\tw@#2\ht\z@
9826 \dp\tw@#2\dp\z@
9827 \fi
9828 \ifdim#1\p@<\z@
9829 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
9830 \else
9831 \wd\tw@#1\wd\z@
9832 \box\tw@
9833 \fi\ifmmode\else\if@RTL\endL\fi\fi}
9834 \def\Gin@iii[#1,#2][#3,#4]#5{%
9835 \begingroup
9836 \ifmmode\else\if@RTL\beginL\fi\fi
9837 \Gin@bboxtrue
9838 \Gin@defaultbp\Gin@llx{#1}%
9839 \Gin@defaultbp\Gin@lly{#2}%
9840 \Gin@defaultbp\Gin@urx{#3}%
9841 \Gin@defaultbp\Gin@ury{#4}%
9842 \Gin@include@graphics{#5}%
9843 \ifmmode\else\if@RTL\endL\fi\fi
9844 \endgroup}
9845 \def\Gin@ii[#1]#2{%
9846 \def\@tempa{[]}\def\@tempb{#2}%
9847 \ifx\@tempa\@tempb
9848 \def\@tempa{\Gin@iii[#1] []}%
9849 \expandafter\@tempa
9850 \else
9851 \begingroup
9852 \ifmmode\else\if@RTL\beginL\fi\fi
9853 \@tempswafalse
9854 \toks@{\Gin@include@graphics{#2}}%
9855 \setkeys{Gin}{#1}%
9856 \Gin@esetsize
9857 \the\toks@
9858 \ifmmode\else\if@RTL\endL\fi\fi
9859 \endgroup
9860 \fi}
9861 \def\reflectbox{\bidiGscale@box-1[1]}
9862 \long\def\bidiGscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
9863 \leavevmode
9864 \def\Gscale@x{#1}\def\Gscale@y{#2}%
9865 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}%
9866 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
9867 \ifdim#2\p@<\z@
9868 \ht\tw@-#2\dp\z@
9869 \dp\tw@-#2\ht\z@
9870 \else
9871 \ht\tw@#2\ht\z@
9872 \dp\tw@#2\dp\z@
9873 \fi

```

```

9874 \ifdim#1\p@<\z@
9875 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
9876 \else
9877 \wd\tw@#1\wd\z@
9878 \box\tw@
9879 \fi\ifmmode\else\if@RTL\endL\fi\fi}
9880 \def\scalebox#1{%
9881 \@ifnextchar[{\bidiGscale@box{#1}}{\bidiGscale@box{#1}[#1]}}
9882 \def\resizebox{%
9883 \leavevmode
9884 \@ifstar{\bidiGscale@@box\totalheight}{\bidiGscale@@box\height}}
9885 \def\bidiGscale@@box#1#2#3{%
9886 \let\@tempa\Gin@exclamation
9887 \expandafter\def\expandafter\@tempb\expandafter{\string#2}%
9888 \expandafter\def\expandafter\@tempc\expandafter{\string#3}%
9889 \ifx\@tempb\@tempa
9890 \ifx\@tempc\@tempa
9891 \toks@{\mbox}%
9892 \else
9893 \toks@{\bidiGscale@box@dd{#3}#1}%
9894 \fi
9895 \else
9896 \ifx\@tempc\@tempa
9897 \toks@{\bidiGscale@box@dd{#2}\width}%
9898 \else
9899 \toks@{\bidiGscale@box@ddd{#2}\width{#3}#1}%
9900 \fi
9901 \fi
9902 \the\toks@}
9903 \long\def\bidiGscale@box@dd#1#2#3{%
9904 \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@
9905 \setlength\@tempdima{#1}%
9906 \setlength\@tempdimb{#2}%
9907 \Gscale@div\@tempa\@tempdima\@tempdimb
9908 \Gscale@box\@tempa[\@tempa]{\box\@tempboxa}%
9909 \@end@tempboxa}
9910 \long\def\bidiGscale@box@ddd#1#2#3#4#5{%
9911 \@begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#5\if@RTL\endR\fi\else\if@RTL\beginR\fi#5\if@
9912 \setlength\@tempdima{#1}%
9913 \setlength\@tempdimb{#2}%
9914 \Gscale@div\@tempa\@tempdima\@tempdimb
9915 \setlength\@tempdima{#3}%
9916 \setlength\@tempdimb{#4}%
9917 \Gscale@div\@tempb\@tempdima\@tempdimb
9918 \ifGin@iso
9919 \ifdim\@tempa\p@>\@tempb\p@
9920 \let\@tempa\@tempb
9921 \else
9922 \let\@tempb\@tempa
9923 \fi

```

```

9924 \fi
9925 \Gscale@box\@tempa[\@tempb]{\box\@tempboxa}%
9926 \@end@tempboxa}

```

7.66 geometry-xetex-bidi.def

```

9927 \ProvidesFile{geometry-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for geometry package for X
9928 \renewcommand*{\Gm@vrules@mpi}{%
9929 \if@RTLmain%
9930 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9931 \llap{\Gm@vrule}\ignorespaces
9932 \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9933 \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}%
9934 \else%
9935 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
9936 \hskip \textwidth\Gm@vrule\hskip \marginparsep
9937 \llap{\Gm@vrule}\hfil\Gm@vrule}\fi}%
9938 \renewcommand*{\Gm@vrules@mpii}{%
9939 \if@RTLmain%
9940 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
9941 \hskip \textwidth\Gm@vrule\hskip \marginparsep
9942 \llap{\Gm@vrule}\hfil\Gm@vrule}%
9943 \else%
9944 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9945 \llap{\Gm@vrule}\ignorespaces
9946 \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9947 \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}\fi}%
9948

```

7.67 hvfloat-xetex-bidi.def

```

9949 \ProvidesFile{hvfloat-xetex-bidi.def}[2012/04/18 v0.2 bidi adaptations for hvfloat package for X
9950 \def\do@hvFloat[#1]#2#3{%
9951 \def\hv@shortCap{#1}
9952 \def\hv@longCap{#2}
9953 \def\hv@label{#3}
9954 %\newcommand*{\hvFloat}[5][{}]{%
9955 % [#1]: keyvalues
9956 % #2: type figure | table | ...
9957 % #3: float contents
9958 % [#4]: short caption
9959 % #5: caption
9960 % #6: label
9961 % \setDefault%
9962 % \def\@tempa{#1}%
9963 % \ifx\@tempa\empty\else\setkeys{hvSet}{#1}\fi% set options, only when not empty
9964 \def\@tempa{90}%
9965 \ifx\hvSet@rotAngle\@tempa \setlength{\hvMaxCapWidth}{\textheight}
9966 \else \setlength{\hvMaxCapWidth}{\linewidth}
9967 \fi
9968 %

```

```

9969 % First we save the object in \hvObjectBox
9970 %
9971 \ifx\hvSet@objectAngle\hv@Zero % rotate the object?
9972 \savebox{\hvObjectBox}{\ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}
9973 \else
9974 \savebox{\hvObjectBox}{%
9975 \rotatebox{\hvSet@objectAngle}{%
9976 \ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}}
9977 \fi
9978 \setlength{\hvObjectWidth}{\wd\hvObjectBox}
9979 %
9980 % Now we save the caption with its defined \hvCapWidth
9981 %
9982 \ifx\hvSet@capWidth\hv@Width\setlength{\hvCapWidth}{\hvObjectWidth}
9983 \else
9984 \ifx\hvSet@capWidth\hv@Height\setlength{\hvCapWidth}{\ht\hvObjectBox}
9985 \else
9986 \setlength{\hvCapWidth}{\hvObjectWidth}
9987 \ifx\hvSet@capPos\hv@Left\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
9988 \ifx\hvSet@capPos\hv@Right\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
9989 \ifdim\hvSet@capWidth\columnwidth<\hvMaxCapWidth
9990 \setlength{\hvCapWidth}{\hvSet@capWidth\columnwidth}
9991 \else
9992 \setlength{\hvCapWidth}{\hvMaxCapWidth}
9993 \fi
9994 \fi
9995 \fi
9996 %
9997 % now we have the object and the caption with the right
9998 % rotated angles saved in boxes
9999 %
10000 \def\fps@figure{\hvSet@floatPos}
10001 \ifhv@nonFloat\begin{group}% Start the nonfloat part
10002 \else \begin{\hv@floatType}% Start the floating environment
10003 \fi%
10004 \saveCaptionSkip% we put this space ourselves
10005 \ifx\hvSet@capAngle\hv@Width % need rotation?
10006 \sbox{\hvCaptionBox}{%
10007 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
10008 \ifhv@nonFloat%
10009 \ifhv@onlyText#2%
10010 \else%
10011 \ifx\hv@floatType\hv@figure
10012 \ifx\relax#1\relax \figcaption{#2}\else\figcaption{#1}{#2}\fi
10013 \else
10014 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption{#1}{#2}\fi%
10015 \fi
10016 \fi
10017 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption{#1}{#2}\fi%
10018 \fi%

```

```

10019 \label{#3}%
10020     \end{minipage}%
10021 }%
10022 \else%
10023     \sbox{\hvCaptionBox}{%
10024         \rotatebox{\hvSet@capAngle}{%
10025             \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
10026 \ifhv@nonFloat%
10027         \ifhv@onlyText#2%
10028         \else%
10029             \ifx\hv@floatType\hv@figure
10030                 \ifx\relax#1\relax \figcaption{#2}\else\figcaption[1]{#2}\fi
10031             \else
10032                 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[1]{#2}\fi%
10033             \fi
10034         \fi
10035 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[1]{#2}\fi%
10036         \fi%
10037         \label{#3}%
10038     \end{minipage}%
10039 }%
10040 }%
10041 \fi%
10042 %%
10043 \restoreCaptionSkip% save old values
10044 \ifx\hvSet@objectPos\hv@Right\bidiraggedleft%
10045 \else%
10046     \ifx\hvSet@objectPos\hv@Center
10047         \ifhv@nonFloat\hspace*{\fill}\else\centering\fi%
10048     \fi%
10049 \fi%
10050 %
10051 % to rotate object and caption together, we save all in another box
10052 % the caption comes first, if its on the left or the top
10053 %
10054 \savebox{\@tempboxa}{%
10055     \ifx\hvSet@capPos\hv@Left % caption on left side
10056     \if@RTL%
10057     \ifx\hvSet@capVPos\hv@Center%
10058     \ifhv@fbox
10059     \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10060     \else
10061     \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10062     \fi%
10063     \hspace{\hvSet@floatCapSep pt}%
10064     \ifhv@fbox
10065     \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10066     \else
10067     \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10068     \fi%

```

```

10069 \else%
10070 \ifx\hvSet@capVPos\hv@Top
10071 \ifhv@fbox
10072 \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10073 \else
10074 \raisebox{-\height}{\usebox{\hvObjectBox}}%
10075 \fi%
10076 \hspace{\hvSet@floatCapSep pt}%
10077 \ifhv@fbox
10078 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10079 \else
10080 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10081 \fi
10082 \else
10083 \ifhv@fbox
10084 \fbox{\usebox{\hvObjectBox}}%
10085 \else
10086 \usebox{\hvObjectBox}%
10087 \fi
10088 \hspace{\hvSet@floatCapSep pt}%
10089 \ifhv@fbox
10090 \fbox{\usebox{\hvCaptionBox}}%
10091 \else
10092 \usebox{\hvCaptionBox}%
10093 \fi%
10094 \fi%
10095 \fi%
10096 \else% not RTL
10097 \ifx\hvSet@capVPos\hv@Center%
10098 \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10099 \else \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10100 \fi%
10101 \hspace{\hvSet@floatCapSep pt}% capfloatsep
10102 \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10103 \else \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10104 \fi%
10105 \else%
10106 \ifx\hvSet@capVPos\hv@Top % caption at top
10107 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10108 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10109 \fi
10110 \hspace{\hvSet@floatCapSep pt}% capfloatsep
10111 \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10112 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
10113 \fi%
10114 \else% caption on bottom
10115 \ifhv@fbox\fbox{\usebox{\hvCaptionBox}}
10116 \else\usebox{\hvCaptionBox}
10117 \fi%
10118 \hspace{\hvSet@floatCapSep pt}%

```

```

10119         \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
10120         \else      \usebox{\hvObjectBox}
10121         \fi%
10122     \fi%
10123 \fi% end of RTL
10124 \fi%
10125 \else
10126 \ifx\hvSet@capPos\hv@Top
10127 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10128 \begin{minipage}{\wd\hvCaptionBox}
10129 \else
10130 \begin{minipage}{\wd\hvObjectBox}
10131 \fi
10132 \centering
10133 \ifhv@fbox
10134 \fbbox{\usebox{\hvCaptionBox}}\[\hvBelowCaptionSkip]
10135 \fbbox{\usebox{\hvObjectBox}}
10136 \else
10137 \usebox{\hvCaptionBox}\[\hvBelowCaptionSkip]
10138 \usebox{\hvObjectBox}
10139 \fi%
10140 \end{minipage}
10141 \else
10142 \ifx\hvSet@capPos\hv@Bottom
10143 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10144 \begin{minipage}{\wd\hvCaptionBox}
10145 \else
10146 \begin{minipage}{\wd\hvObjectBox}
10147 \fi
10148 \centering
10149 \ifhv@fbox
10150 \fbbox{\usebox{\hvObjectBox}}\[\hvAboveCaptionSkip]
10151 \fbbox{\usebox{\hvCaptionBox}}
10152 \else
10153 \usebox{\hvObjectBox}\[\hvAboveCaptionSkip]
10154 \usebox{\hvCaptionBox}
10155 \fi%
10156 \end{minipage}
10157 \else% the last option: put the caption on the right
10158 \if@RTL%
10159     \ifx\hvSet@capVPos\hv@Center%
10160     \ifhv@fbox\fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10161     \else      \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10162     \fi%
10163     \hspace{\hvSet@floatCapSep pt}% capfloatsep
10164     \ifhv@fbox\fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}%
10165     \else      \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10166     \fi%
10167 \else%
10168     \ifx\hvSet@capVPos\hv@Top % caption at top

```

```

10169 \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10170 \else \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10171 \fi
10172 \hspace{\hvSet@floatCapSep pt}% capfloatsep
10173 \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10174 \else \raisebox{-\height}{\usebox{\hvObjectBox}}%
10175 \fi%
10176 \else% caption on bottom
10177 \ifhv@fbox\fbbox{\usebox{\hvCaptionBox}}
10178 \else\usebox{\hvCaptionBox}
10179 \fi%
10180 \hspace{\hvSet@floatCapSep pt}%
10181 \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
10182 \else \usebox{\hvObjectBox}
10183 \fi%
10184 \fi%
10185 \fi%
10186 \else% not RTL
10187 \ifx\hvSet@capVPos\hv@Center%
10188 \ifhv@fbox
10189 \fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}%
10190 \else
10191 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10192 \fi%
10193 \hspace{\hvSet@floatCapSep pt}%
10194 \ifhv@fbox
10195 \fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10196 \else
10197 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10198 \fi%
10199 \else%
10200 \ifx\hvSet@capVPos\hv@Top
10201 \ifhv@fbox
10202 \fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10203 \else
10204 \raisebox{-\height}{\usebox{\hvObjectBox}}%
10205 \fi%
10206 \hspace{\hvSet@floatCapSep pt}%
10207 \ifhv@fbox
10208 \fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10209 \else
10210 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10211 \fi
10212 \else
10213 \ifhv@fbox
10214 \fbbox{\usebox{\hvObjectBox}}%
10215 \else
10216 \usebox{\hvObjectBox}%
10217 \fi
10218 \hspace{\hvSet@floatCapSep pt}%

```

```

10219 \ifhv@fbox
10220 \fbox{\usebox{\hvCaptionBox}}}%
10221 \else
10222 \usebox{\hvCaptionBox}%
10223 \fi%
10224 \fi%
10225 \fi
10226 \fi% end of RTL
10227 \fi
10228 \fi
10229 \fi
10230 }% End savebox Object and caption
10231 %
10232 % now we rotate the object and caption, if needed
10233 %
10234 \ifx\hvSet@rotAngle\hv@Zero
10235 \usebox{\@tempboxa}
10236 \else
10237 \rotatebox{\hvSet@rotAngle}{\usebox{\@tempboxa}}
10238 \fi
10239 \ifhv@nonFloat
10240 \ifx\hvSet@objectPos\hv@Center
10241 \ifhv@nonFloat
10242 \hspace{\fill}
10243 \fi
10244 \fi
10245 \endgroup% End the nonfloat part
10246 \else
10247 \end{\hv@floatType}% End the floating environment
10248 \fi
10249 }

```

7.68 hyperref-xetex-bidi.def

```

10250 \ProvidesFile{hyperref-xetex-bidi.def}[2013/04/08 v0.7 bidi adaptations for hyperref package for
10251 \AtBeginDocument{%
10252 \def\contentsline#1#2#3#4{%
10253 \ifx\\#4\\%
10254 \csname l@#1\endcsname{#2}{#3}%
10255 \else
10256 \ifcase\Hy@linktoc % none
10257 \csname l@#1\endcsname{#2}{#3}%
10258 \or % section
10259 \csname l@#1\endcsname{%
10260 \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10261 }{#3}%
10262 \or % page
10263 \csname l@#1\endcsname{{#2}}{%
10264 \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10265 }%

```

```

10266 \else % all
10267 \csname l@#1\endcsname{%
10268 \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10269 }{%
10270 \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10271 }%
10272 \fi
10273 \fi
10274 }
10275 \ifHy@hyperfootnotes
10276 \let\H@@footnotetext\@footnotetext
10277 \let\HRTL@RTLfootnotetext\@RTLfootnotetext
10278 \let\HLTR@LTRfootnotetext\@LTRfootnotetext
10279 \def\xfootnotenext[#1]{%
10280 \begingroup
10281 \csname c@\@mpfn\endcsname #1\relax
10282 \unrestored@protected@xdef\@thefnmark{\thempfn}%
10283 \endgroup
10284 \ifx\@footnotetext\@mpfootnotetext
10285 \expandafter\H@@mpfootnotetext
10286 \else
10287 \expandafter\H@@footnotetext
10288 \fi
10289 }%
10290 \def\@xRTLfootnotenext[#1]{%
10291 \begingroup
10292 \csname c@\@mpfn\endcsname #1\relax
10293 \unrestored@protected@xdef\@thefnmark{\thempfn}%
10294 \endgroup
10295 \ifx\@RTLfootnotetext\@mpRTLfootnotetext
10296 \expandafter\HRTL@mpRTLfootnotetext
10297 \else
10298 \expandafter\HRTL@RTLfootnotetext
10299 \fi
10300 }%
10301 \def\@xLTRfootnotenext[#1]{%
10302 \begingroup
10303 \csname c@\@mpfn\endcsname #1\relax
10304 \unrestored@protected@xdef\@thefnmark{\thempfn}%
10305 \endgroup
10306 \ifx\@LTRfootnotetext\@mpLTRfootnotetext
10307 \expandafter\HLTR@mpLTRfootnotetext
10308 \else
10309 \expandafter\HLTR@LTRfootnotetext
10310 \fi
10311 }%
10312 \def\xfootnotemark[#1]{%
10313 \begingroup
10314 \c@footnote #1\relax
10315 \unrestored@protected@xdef\@thefnmark{\thefootnote}%

```

```

10316 \endgroup
10317 \H@@footnotemark
10318 }%
10319 \let\H@@mpfootnotetext\@mpfootnotetext
10320 \let\HRTL@@mpRTLfootnotetext\@mpRTLfootnotetext
10321 \let\HLTR@@mpLTRfootnotetext\@mpLTRfootnotetext
10322 \long\def\@mpfootnotetext#1{%
10323 \H@@mpfootnotetext{%
10324 \ifHy@nesting
10325 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10326 \else
10327 \Hy@raisedlink{%
10328 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10329 }#1%
10330 \fi
10331 }%
10332 }%
10333 \long\def\@mpRTLfootnotetext#1{%
10334 \HRTL@@mpRTLfootnotetext{%
10335 \ifHy@nesting
10336 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10337 \else
10338 \Hy@raisedlink{%
10339 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10340 }#1%
10341 \fi
10342 }%
10343 }%
10344 \long\def\@mpLTRfootnotetext#1{%
10345 \HLTR@@mpLTRfootnotetext{%
10346 \ifHy@nesting
10347 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10348 \else
10349 \Hy@raisedlink{%
10350 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10351 }#1%
10352 \fi
10353 }%
10354 }%
10355 \long\def\@footnotetext#1{%
10356 \H@@footnotetext{%
10357 \ifHy@nesting
10358 \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10359 \else
10360 \Hy@raisedlink{%
10361 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10362 }%
10363 \let\@currentHlabel\Hy@footnote@currentHlabel
10364 \let\@currentHref\Hy@footnote@currentHref
10365 \let\@currentlabelname\@empty

```

```

10366         #1%
10367     \fi
10368 }%
10369 }%
10370 \long\def\@RTLfootnotetext#1{%
10371 \HRTL@RTLfootnotetext{%
10372     \ifHy@nesting
10373     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10374 \else
10375     \Hy@raisedlink{%
10376     \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10377     }%
10378     \let\@currentHlabel\Hy@footnote@currentHlabel
10379     \let\@currentHref\Hy@footnote@currentHref
10380     \let\@currentlabelname\@empty
10381     #1%
10382 \fi
10383 }%
10384 }%
10385 \long\def\@LTRfootnotetext#1{%
10386 \HLTR@LTRfootnotetext{%
10387     \ifHy@nesting
10388     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10389 \else
10390     \Hy@raisedlink{%
10391     \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10392     }%
10393     \let\@currentHlabel\Hy@footnote@currentHlabel
10394     \let\@currentHref\Hy@footnote@currentHref
10395     \let\@currentlabelname\@empty
10396     #1%
10397 \fi
10398 }%
10399 }%
10400 \def\@footnotemark{%
10401 \leavevmode
10402 \ifhmode\edef\@x@sf{\the\spacefactor}\nobreak\fi
10403 \stepcounter{Hfootnote}%
10404 \global\let\Hy@saved@currentHlabel\@currentHlabel
10405 \global\let\Hy@saved@currentHref\@currentHref
10406 \hyper@makecurrent{Hfootnote}%
10407 \global\let\Hy@footnote@currentHlabel\@currentHlabel
10408 \global\let\Hy@footnote@currentHref\@currentHref
10409 \global\let\@currentHlabel\Hy@saved@currentHlabel
10410 \global\let\@currentHref\Hy@saved@currentHref
10411 \beginL\hyper@linkstart{link}{\Hy@footnote@currentHref}%
10412 \@makefnmark
10413 \hyper@linkend\endL
10414 \ifhmode\spacefactor\@x@sf\fi
10415 \relax

```

```

10416 }%
10417 \let\HyOrg@maketitle\maketitle
10418 \def\maketitle{%
10419     \let\Hy@saved@footnotemark\@footnotemark
10420     \let\Hy@saved@footnotetext\@footnotetext
10421     \let\HyRTL@saved@RTLfootnotetext\@RTLfootnotetext
10422     \let\HyLTR@saved@LTRfootnotetext\@LTRfootnotetext
10423     \let\@footnotemark\H@@footnotemark
10424     \let\@footnotetext\H@@footnotetext
10425     \let\@RTLfootnotetext\HRTL@@RTLfootnotetext
10426     \let\@LTRfootnotetext\HLTR@@LTRfootnotetext
10427     \ifnextchar[\Hy@maketitle@optarg{% ]
10428         \HyOrg@maketitle
10429         \Hy@maketitle@end
10430     }%
10431 }%
10432 \def\Hy@maketitle@optarg[#1]{%
10433     \HyOrg@maketitle[#{1}]%
10434     \Hy@maketitle@end
10435 }%
10436 \def\Hy@maketitle@end{%
10437     \ifx\@footnotemark\H@@footnotemark
10438         \let\@footnotemark\Hy@saved@footnotemark
10439         \fi
10440     \ifx\@footnotetext\H@@footnotetext
10441         \let\@footnotetext\Hy@saved@footnotetext
10442         \fi
10443     \ifx\@RTLfootnotetext\HRTL@@RTLfootnotetext
10444         \let\@RTLfootnotetext\HyRTL@saved@RTLfootnotetext
10445         \fi
10446     \ifx\@LTRfootnotetext\HLTR@@LTRfootnotetext
10447         \let\@LTRfootnotetext\HyLTR@saved@LTRfootnotetext
10448         \fi
10449 }%
10450 \def\realfootnote{%
10451     \@ifnextchar[\@xfootnote{%
10452         \stepcounter{\@mpfn}%
10453         \protected@xdef\@thefnmark{\thempfn}%
10454         \H@@footnotemark\H@@footnotetext
10455     }%
10456 }%
10457 \fi
10458 \def\hyper@link#1#2#3{%
10459     \ifmmode\else\beginL\fi\hyper@linkstart{#1}{#2}\ifmmode\else\if@RTL\beginR\fi\fi#3\ifmmode\else\endL\fi
10460 }
10461 \def\url@#1{\beginL\hyper@linkurl{\Hurl{#1}}{#1}\endL}
10462 \def\hyper@natlinkstart#1{%
10463     \Hy@backout{#1}%
10464     \beginL\hyper@linkstart{cite}{cite.#1}\if@RTL\beginR\fi%
10465     \def\hyper@nat@current{#1}%

```

```

10466 }
10467 \def\hyper@natlinkend{%
10468   \if@RTL\endR\fi\hyper@linkend\endL
10469 }
10470 \def\hyper@natlinkbreak#1#2{%
10471   \if@RTL\endR\fi\hyper@linkend\endL#1\beginL\hyper@linkstart{cite}{cite.#2}\if@RTL\beginR\fi}%
10472 }%
10473 }
10474 \begingroup
10475   \catcode`\$=6 %
10476   \catcode`\#=12 %
10477   \gdef\href@#1{\expandafter\href@split$1##\}%
10478   \gdef\href@split$1#$2#$3\\$4{%
10479     \beginL\hyper@@link{$1}{$2}{\if@RTL\beginR\fi$4\if@RTL\endR\fi}\endL%
10480     \endgroup
10481   }%
10482 \endgroup
10483 \pdfstringdefDisableCommands{%
10484   \let\LRE\@firstofone
10485   \let\LR\@firstofone
10486   \let\RLE\@firstofone
10487   \let\RL\@firstofone
10488   \def\XeTeX{Xe\TeX}
10489   \def\XeLaTeX{Xe\LaTeX}
10490 }

```

7.69 leqno-xetex-bidi.def

```

10491 \ProvidesFile{leqno-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for leqno tag for XeTeX eng
10492 \renewcommand\@eqnnum{\hb@xt@.01\p@{}}%
10493   \rlap{
10494     \hskip -\displaywidth{\normalfont\normalcolor\if@RTL\beginR\fi(\theequation)}\i

```

7.70 letter-xetex-bidi.def

```

10495 \ProvidesFile{letter-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for standard letter class
10496 \renewcommand*\opening[1]{\ifx\@empty\fromaddress
10497   \thispagestyle{firstpage}%
10498   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
10499   \else % home address
10500     \thispagestyle{empty}%
10501     {\if@RTL\raggedright\else\raggedleft\fi\if@RTL\begin{tabular}{r@{}}\else\begin{tabular}{l@{}}
10502       \fromaddress \\*[2\parskip]%
10503       \@date \end{tabular}\par}%
10504   \fi
10505   \vspace{2\parskip}%
10506   {\if@RTL\raggedleft\else\raggedright\fi \toname \\ \toaddress \par}%
10507   \vspace{2\parskip}%
10508   #1\par\nobreak}
10509 \renewcommand\left@footnoterule{%
10510   \kern-\p@

```

```

10511 \hrule \@width .4\columnwidth
10512 \kern .6\p@}
10513 \renewcommand\right@footnoterule{%
10514 \hbox to \columnwidth
10515 {\beginR \vbox{%
10516 \kern-\p@
10517 \hrule \@width .4\columnwidth
10518 \kern .6\p@}\hfil\endR}}

```

7.71 lettrine-xetex-bidi.def

```

10519 \ProvidesFile{lettrine-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for lettrine package for
10520 \def\@lettrine[#1]#2#3{%
10521 \setcounter{L@lines}{\theDefaultLines}%
10522 \renewcommand*\{L@hang}{\DefaultLhang}%
10523 \renewcommand*\{L@oversize}{\DefaultLoversize}%
10524 \renewcommand*\{L@raise}{\DefaultLraise}%
10525 \renewcommand*\{L@ante}{\}%
10526 \setlength{\L@Findent}{\DefaultFindent}%
10527 \setlength{\L@Nindent}{\DefaultNindent}%
10528 \setlength{\L@slope}{\DefaultSlope}%
10529 \ifLettrineImage\L@imagetrue\else\L@imagefalse\fi
10530 \if\DefaultOptionsFile\relax
10531 \else
10532 \begingroup
10533 \InputIfFileExists{\DefaultOptionsFile}%
10534 {}%
10535 {\PackageWarning{lettrine.sty}%
10536 {File \DefaultOptionsFile\space not found}%
10537 }%
10538 \def\color##1##{\l@color{##1}}%
10539 \let\l@color\@gobbletwo
10540 \def\textcolor##1##{\l@textcolor{##1}}%
10541 \def\l@textcolor##1##2##3{##3}%
10542 \expandafter\ifx\csname l@#2-keys\endcsname\relax
10543 \gdef\l@LOKeys{%
10544 \else
10545 \xdef\l@LOKeys{\csname l@#2-keys\endcsname}%
10546 \fi
10547 \endgroup
10548 \def\KV@prefix{KV@L@}%
10549 \let\@tempc\relax
10550 \expandafter\KV@do\l@LOKeys,\relax,
10551 \sbox{\L@lbox}{\LettrineFont #2}%
10552 \settowidth{\LettrineWidth}{\usebox{\L@lbox}}%
10553 \def\KV@prefix{KV@L@}%
10554 \let\@tempc\relax
10555 \expandafter\KV@do\l@LOKeys,\relax,
10556 \fi
10557 \setkeys{L}{#1}%

```

```

10558 \ifL@image
10559   \sbox{\L@lbox}{\LettrineFontEPS{#2}}%
10560 \else
10561   \sbox{\L@lbox}{\LettrineFont #2}%
10562 \fi
10563 \sbox{\L@tbox}{\LettrineTextFont{#3}}%
10564 \@tempdima=\baselineskip
10565 \ifnum\theL@lines=1
10566   \setlength{\L@first}{\ht\L@lbox}%
10567   \addtolength{\L@first}{-\ht\L@tbox}%
10568   \setlength{\L@lraise}{\z@}%
10569 \else
10570   \setlength{\L@first}{-\theL@lines\@tempdima}%
10571   \addtolength{\L@first}{\@tempdima}%
10572   \sbox{\@tempboxa}{\LettrineTextFont x}%
10573   \addtolength{\L@first}{-\ht\@tempboxa}%
10574   \setlength{\L@lraise}{-\L@raise\L@first}%
10575   \addtolength{\L@first}{\L@lraise}%
10576   \addtolength{\L@first}{\ht\L@lbox}%
10577   \addtolength{\L@lraise}{-\theL@lines\@tempdima}%
10578   \addtolength{\L@lraise}{\@tempdima}%
10579 \fi
10580 \par
10581 \ifdim\L@first>0.2\p@\vskip\L@first\fi
10582 \setlength{\L@Pindent}{\wd\L@lbox}%
10583 \addtolength{\L@Pindent}{-\L@hang\wd\L@lbox}%
10584 \settowidth{\L@first}{\L@ante}%
10585 \addtolength{\L@Pindent}{\L@first}%
10586 \addtolength{\L@Pindent}{\L@Findent}%
10587 \setlength{\L@first}{\linewidth}%
10588 \addtolength{\L@first}{-\L@Pindent}%
10589 \addtolength{\L@Nindent}{\L@Pindent}%
10590 \setlength{\L@next}{\linewidth}%
10591 \addtolength{\L@next}{-\L@Nindent}%
10592 \addtolength{\L@Pindent}{\rightmargin}%
10593 \addtolength{\L@Nindent}{\rightmargin}%
10594 \addtocounter{L@lines}{1}%
10595 \if@RTL\def\L@parshape{\c@L@lines Opt \the\L@first}\else\def\L@parshape{\c@L@lines \the\L@Pindent}%
10596 \@tempcnta=\tw@
10597 \@whilenum \@tempcnta<\c@L@lines\do{%
10598   \if@RTL\edef\L@parshape{\L@parshape Opt \the\L@next}\else\edef\L@parshape{\L@parshape \the\L@next}%
10599   \addtolength{\L@Nindent}{\L@slope}%
10600   \addtolength{\L@next}{-\L@slope}%
10601   \advance\@tempcnta\@ne}%
10602 \if@RTL\edef\L@parshape{\L@parshape Opt \the\linewidth}\else\edef\L@parshape{\L@parshape \rightmargin}%
10603 \noindent
10604 \parshape=\L@parshape\relax
10605 \smash{\llap{\mbox{\L@ante}\raisebox{\L@lraise}{\usebox{\L@lbox}}}%
10606   \hskip \the\L@Findent}}%
10607 \usebox{\L@tbox}}

```

7.72 listings-xetex-bidi.def

```
10608 \ProvidesFile{listings-xetex-bidi.def}[2010/07/25 v0.5 bidi adaptations for listings package for
10609 \AtBeginDocument{
10610   \@ifundefined{thechapter}{\let\lst@ifnumberbychapter\iffalse}{}
10611   \lst@ifnumberbychapter
10612     \gdef\thelstlisting%
10613       {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@lstlisting}
10614   \else
10615     \gdef\thelstlisting{\@arabic\c@lstlisting}
10616   \fi}
```

7.73 loadingorder-xetex-bidi.def

```
10617 \ProvidesFile{loadingorder-xetex-bidi.def}[2013/05/22 v0.95 making sure that bidi is the last pa
10618 \bidi@isloaded{amsmath}
10619 \bidi@isloaded{amstext}
10620 \bidi@isloaded{amsthm}
10621 \bidi@isloaded{breqn}
10622 \bidi@isloaded{cals}
10623 \bidi@isloaded{caption}
10624 \bidi@isloaded{crop}
10625 \bidi@isloaded{cuted}
10626 \bidi@isloaded{cutwin}
10627 \bidi@isloaded{color}
10628 \bidi@isloaded{dblfnote}
10629 \bidi@isloaded{xcolor}
10630 \bidi@isloaded{colortbl}
10631 \bidi@isloaded{float}
10632 \bidi@isloaded{floatrow}
10633 \bidi@isloaded{flowfram}
10634 \bidi@isloaded{framed}
10635 \bidi@isloaded{ftnright}
10636 \bidi@isloaded{xltextra}
10637 \bidi@isloaded{xunicode}
10638 \bidi@isloaded{wrapfig}
10639 \bidi@isloaded{graphicx}
10640 \bidi@isloaded{geometry}
10641 \bidi@isloaded{hvfloat}
10642 \bidi@isloaded{mdframed}
10643 \bidi@isloaded{midfloat}
10644 \bidi@isloaded{ntheorem}
10645 \bidi@isloaded{ntheorem-hyper}
10646 \bidi@isloaded{hyperref}
10647 \bidi@isloaded{fancybox}
10648 \bidi@isloaded{fancyhdr}
10649 \bidi@isloaded{fix2col}
10650 \bidi@isloaded{draftwatermark}
10651 \bidi@isloaded{empheq}
10652 \bidi@isloaded{pdfpages}
10653 \bidi@isloaded{listings}
```

```

10654 \bidi@isloaded{lettrine}
10655 \bidi@isloaded{pstricks}
10656 \bidi@isloaded{pgf}
10657 \bidi@isloaded{picinpar}
10658 \bidi@isloaded{quotchap}
10659 \bidi@isloaded{tikz}
10660 \bidi@isloaded{titlesec}
10661 \bidi@isloaded{titletoc}
10662 \bidi@isloaded{array}
10663 \bidi@isloaded{stabular}
10664 \bidi@isloaded{subfig}
10665 \bidi@isloaded{subfigure}
10666 \bidi@isloaded{supertabular}
10667 \bidi@isloaded{xtab}
10668 \bidi@isloaded{longtable}
10669 \bidi@isloaded{arydshln}
10670 \bidi@isloaded{multicol}
10671 \bidi@isloaded{multienum}
10672 \bidi@isloaded{minitoc}
10673 \bidi@isloaded{natbib}
10674 \bidi@isloaded{newfloat}
10675 \bidi@isloaded{ragged2e}
10676 \bidi@isloaded{rotating}
10677 \bidi@isloaded{tbls}
10678 \bidi@isloaded{tabulary}
10679 \bidi@isloaded{tocstyle}
10680 \bidi@isloaded{tocbibind}
10681 \bidi@isloaded{fontspec}
10682 \bidi@isloaded{arabxetex}
10683 \bidi@isloaded{polyglossia}
10684 \bidi@isloaded{fancyvrb}
10685 \AtBeginDocument{
10686   \if@bidi@amsmathloaded@ \else
10687     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsmath after bidi package. P
10688     \fi%
10689     \if@bidi@amstextloaded@ \else
10690       \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amstext after bidi package. P
10691       \fi%
10692       \if@bidi@amsthmloaded@ \else
10693         \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsthm after bidi package. PL
10694         \fi%
10695         \if@bidi@breqnloaded@ \else
10696           \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package breqn after bidi package. Plea
10697           \fi%
10698           \if@bidi@calsloaded@ \else
10699             \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cals after bidi package. Plea
10700             \fi%
10701             \if@bidi@captionloaded@ \else
10702               \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package caption after bidi package. P
10703               \fi%

```

```

10704 \if@bidi@croploaded@else
10705 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package crop after bidi package. Please
10706 \fi%
10707 \if@bidi@colorloaded@else
10708 \@ifpackageloaded{hyperref}{\fi%
10709 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package color after bidi package. Please
10710 \fi%
10711 \if@bidi@cutwinloaded@else
10712 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cutwin after bidi package. Please
10713 \fi%
10714 \if@bidi@cutedloaded@else
10715 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cuted after bidi package. Please
10716 \fi%
10717 \if@bidi@dblfnote@else
10718 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package dblfnote after bidi package. Please
10719 \fi%
10720 \if@bidi@xcolorloaded@else
10721 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xcolor after bidi package. Please
10722 \fi%
10723 \if@bidi@colortblloaded@else
10724 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package colortbl after bidi package. Please
10725 \fi%
10726 \if@bidi@floatloaded@else
10727 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package float after bidi package. Please
10728 \fi%
10729 \if@bidi@floatrowloaded@else
10730 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package floatrow after bidi package. Please
10731 \fi%
10732 \if@bidi@flowframloaded@else
10733 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package flowfram after bidi package. Please
10734 \fi%
10735 \if@bidi@framedloaded@else
10736 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package framed after bidi package. Please
10737 \fi%
10738 \if@bidi@ftnrightloaded@else
10739 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ftnright after bidi package. Please
10740 \fi%
10741 \if@bidi@xltxtraloaded@else
10742 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xltxtra after bidi package. Please
10743 \fi%
10744 \if@bidi@xunicodeloaded@else
10745 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xunicode after bidi package. Please
10746 \fi%
10747 \if@bidi@wrapfigloaded@else
10748 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package wrapfig after bidi package. Please
10749 \fi%
10750 \if@bidi@graphicxloaded@else
10751 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package graphicx after bidi package. Please
10752 \fi%
10753 \if@bidi@geometryloaded@else

```

```

10754 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package geometry after bidi package.
10755 \fi%
10756 \if@bidi@hvfloatloaded@else
10757 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hvfloat after bidi package. P
10758 \fi%
10759 \if@bidi@mdframedloaded@else
10760 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package mdframed after bidi package.
10761 \fi%
10762 \if@bidi@midfloatloaded@else
10763 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package midfloat after bidi package.
10764 \fi%
10765 \if@bidi@ntheoremloaded@else
10766 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ntheorem after bidi package.
10767 \fi%
10768 \if@bidi@hyperrefloaded@else
10769 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hyperref after bidi package.
10770 \fi%
10771 \if@bidi@fancyboxloaded@else
10772 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancybox after bidi package.
10773 \fi%
10774 \if@bidi@fancyhdrloaded@else
10775 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyhdr after bidi package.
10776 \fi%
10777 \if@bidi@draftwatermarkloaded@else
10778 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package draftwatermark after bidi package.
10779 \fi%
10780 \if@bidi@empheqloaded@else
10781 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package empheq after bidi package. PL
10782 \fi%
10783 \if@bidi@pdfpagesloaded@else
10784 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pdfpages after bidi package.
10785 \fi%
10786 \if@bidi@lettrineloaded@else
10787 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lettrine after bidi package.
10788 \fi%
10789 \if@bidi@listingsloaded@else
10790 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package listings after bidi package.
10791 \fi%
10792 \if@bidi@pstricksloaded@else
10793 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pstricks after bidi package.
10794 \fi%
10795 \if@bidi@pgfloaded@else
10796 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pgf after bidi package. Pleas
10797 \fi%
10798 \if@bidi@picinparloaded@else
10799 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package picinpar after bidi package.
10800 \fi%
10801 \if@bidi@quotchaploaded@else
10802 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package quotchap after bidi package.
10803 \fi%

```

```

10804 \if@bidi@tikzloaded@else
10805 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tikz after bidi package. Plea
10806 \fi%
10807 \if@bidi@titlesecloaded@else
10808 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titlesec after bidi package.
10809 \fi%
10810 \if@bidi@titletocloaded@else
10811 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titletoc after bidi package.
10812 \fi%
10813 \if@bidi@arrayloaded@else
10814 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package array after bidi package. Ple
10815 \fi%
10816 \if@bidi@stabularloaded@else
10817 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package stabular after bidi package.
10818 \fi%
10819 \if@bidi@subfigloaded@else
10820 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfig after bidi package. PL
10821 \fi%
10822 \if@bidi@subfigureloaded@else
10823 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfigure after bidi package
10824 \fi%
10825 \if@bidi@supertabularloaded@else
10826 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package supertabular after bidi pack
10827 \fi%
10828 \if@bidi@xtabloaded@else
10829 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xtab after bidi package. Plea
10830 \fi%
10831 \if@bidi@longtableloaded@else
10832 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package longtable after bidi package
10833 \fi%
10834 \if@bidi@arydshlnloaded@else
10835 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arydshln after bidi package.
10836 \fi%
10837 \if@bidi@multicolloaded@else
10838 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multicol after bidi package.
10839 \fi%
10840 \if@bidi@multienumloaded@else
10841 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multienum after bidi package
10842 \fi%
10843 \if@bidi@minitocloaded@else
10844 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package minitoc after bidi package. P
10845 \fi%
10846 \if@bidi@natbibloaded@else
10847 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package natbib after bidi package. PL
10848 \fi%
10849 \if@bidi@newfloatloaded@else
10850 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package newfloat after bidi package.
10851 \fi%
10852 \csname if@bidi@ragged2eloaded@endcsname\else
10853 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ragged2e after bidi package.

```

```

10854 \fi%
10855 \if@bidi@rotatingloaded@else
10856 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package rotating after bidi package. Ple
10857 \fi%
10858 \if@bidi@tblsloaded@else
10859 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tbls after bidi package. Ple
10860 \fi%
10861 \if@bidi@tabularyloaded@else
10862 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tabulary after bidi package.
10863 \fi%
10864 \if@bidi@tocstyleloaded@else
10865 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocstyle after bidi package.
10866 \fi%
10867 \if@bidi@tocbibindloaded@else
10868 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbibind after bidi package
10869 \fi%
10870 \if@bidi@fontspecloaded@else
10871 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fontspec after bidi package.
10872 \fi%
10873 \if@bidi@arabxetexloaded@else
10874 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arabxetex after bidi package
10875 \fi%
10876 \if@bidi@polyglossialoaded@else
10877 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package polyglossia after bidi packa
10878 \fi%
10879 \if@bidi@fancyvrbloaded@else
10880 \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyvrb after bidi package.
10881 \fi%
10882 }

```

7.74 longtable-xetex-bidi.def

```

10883 \ProvidesFile{longtable-xetex-bidi.def}[2013/04/01 v0.3 bidi adaptations for longtable package f
10884 \def\LT@array[#1]#2{%
10885 \refstepcounter{table}\stepcounter{LT@tables}%
10886 \if l#1%
10887 \if@RTLtab\LTleft\fill \LTright\z@ \else\LTleft\z@ \LTright\fill\fi
10888 \else\if r#1%
10889 \if@RTLtab\LTleft\z@ \LTright\fill\else\LTleft\fill \LTright\z@\fi
10890 \else\if c#1%
10891 \LTleft\fill \LTright\fill
10892 \fi\fi\fi
10893 \let\LT@mcol\multicolumn
10894 \let\LT@@tabarray\@tabarray
10895 \let\LT@@hl\hline
10896 \def\@tabarray{%
10897 \let\hline\LT@@hl
10898 \LT@@tabarray}%
10899 \let\\LT@tabularcr\let\tabularnewline\\%
10900 \def\newpage{\noalign{\break}}%

```

```

10901 \def\pagebreak{\noalign{\ifnum`=0\fi\@testopt{\LT@no@pgbk-}4}%
10902 \def\nopagebreak{\noalign{\ifnum`=0\fi\@testopt{\LT@no@pgbk4}%
10903 \let\hline\LT@hline \let\kill\LT@kill\let\caption\LT@caption
10904 \@tempdima\ht\strutbox
10905 \let\@endpbox\LT@endpbox
10906 \ifx\extrarowheight\@undefined
10907   \let\@acol\@tabacol
10908   \let\@classz\@tabclassz \let\@classiv\@tabclassiv
10909   \def\@startpbox{\vtop\LT@startpbox}%
10910   \let\@@startpbox\@startpbox
10911   \let\@@endpbox\@endpbox
10912   \let\LT@LL@FM@cr\@tabularcr
10913 \else
10914   \advance\@tempdima\extrarowheight
10915   \col@sep\@tabcolsep
10916   \let\@startpbox\LT@startpbox\let\LT@LL@FM@cr\@arraycr
10917 \fi
10918 \setbox\@arstrutbox\hbox{\vrule
10919   \@height \arraystretch \@tempdima
10920   \@depth \arraystretch \dp \strutbox
10921   \@width \z@}%
10922 \let\@sharp##\let\protect\relax
10923 \begingroup
10924   \mkpream{#2}%
10925   \xdef\LT@bchunk{%
10926     \global\advance\c@LT@chunks\@ne
10927     \global\LT@rows\z@\setbox\z@\vbox\bgroup
10928     \LT@setprevdepth
10929     \tabskip\LTleft \noexpand\halign to\hsize\bgroup
10930     \tabskip\z@ \@arstrut \@preamble \tabskip\LTRight \cr}%
10931 \endgroup
10932 \expandafter\LT@nofcols\LT@bchunk&\LT@nofcols
10933 \LT@make@row
10934 \m@th\let\par\@empty
10935 \everycr{}\lineskip\z@\baselineskip\z@
10936 \LT@bchunk}
10937 \def\LT@makecaption#1#2#3{%
10938   \LT@mcol\LT@cols c{\hbox to\z@{\hss\parbox[t]{\LTcapwidth{%
10939     \sbox\@tempboxa{\if@RTL\beginR\fi#1{#2: }#3\if@RTL\endR\fi}%
10940     \ifdim\wd\@tempboxa>\hsize
10941       #1{#2: }#3%
10942     \else
10943       \hbox to\hsize{\hfil\box\@tempboxa\hfil}%
10944     \fi
10945     \endgraf\vskip\baselineskip}%
10946   \hss}}}
10947 \def\LT@startpbox#1{%
10948   \bgroup
10949   \let\@footnotetext\LT@p@fntext
10950   \let\@LTRfootnotetext\LT@p@LTRfntext

```

```

10951 \let\@RTLfootnotetext\LT@p@RTLftntext
10952 \setlength\hsize{#1}%
10953 \arrayparboxrestore
10954 \vrule \@height \ht\@arstrutbox \@width \z@}
10955 \def\LT@p@LTRftntext#1{%
10956 \edef\@tempa{\the\LT@p@ftn\noexpand\LTRfootnotetext[\the\c@footnote]]}%
10957 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
10958 \def\LT@p@RTLftntext#1{%
10959 \edef\@tempa{\the\LT@p@ftn\noexpand\RTLfootnotetext[\the\c@footnote]]}%
10960 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%

```

7.75 mdframed-xetex-bidi.def

```

10961 \ProvidesFile{mdframed-xetex-bidi.def}[2013/09/22 v0.4 bidi adaptations for mdframed package for
10962 \newif\if@bidi@mdf@RTL
10963 \def\mdf@lrbox#1{%
10964 \mdf@patchamsthm%patch amsthm
10965 \if@RTL\@bidi@mdf@RTLtrue\fi%
10966 \@RTLfalse%
10967 \setbox#1\vbox\bgroup%
10968 \color@begingroup%
10969 \if@bidi@mdf@RTL\@RTLtrue\fi%
10970 \mdf@horizontalmargin@equation%
10971 \columnwidth=\hsize%
10972 \textwidth=\hsize%
10973 \let\if@nobreak\iffalse%
10974 \let\if@noskipsec\iffalse%
10975 \let\par\@par%
10976 \let\-\@dischyph%
10977 \let'\@acci\let\`\@accii\let\=\@acciii%
10978 \parindent\z@ \parskip\z@skip%
10979 \linewidth\hsize%
10980 \@totalleftmargin\z@%
10981 \leftskip\z@skip \rightskip\z@skip \@rightskip\z@skip%
10982 \parfillskip\@flushglue \lineskip\normallineskip%
10983 \baselineskip\normalbaselineskip%
10984 %% \sloppy%
10985 \let\\\@normalcr%
10986 \mdf@par@local%New feature to restore parskip/parindent local in save box
10987 \ifbool{mdf@suppressfirstparskip}{\vspace*{-\parskip}}{}%
10988 \afterindentfalse%
10989 %\afterheading%
10990 }
10991 \renewrobustcmd\mdfframedtitleenv[1]{%
10992 \mdf@lrbox{\mdf@frametitlebox}%
10993 \mdf@frametitlealignment%
10994 \leavevmode{\color{\mdf@frametitlefontcolor}%
10995 \normalfont\mdf@frametitlefont{#1}}
10996 \ifbool{mdf@ignorelastdescenders}%
10997 {}%

```

```

10998         \par\strut\par
10999         \unskip\unskip\setbox0=\lastbox
11000         \vspace*{\dimexpr\ht\strutbox-\baselineskip\relax}%
11001     }-{}-%
11002 \par\unskip\ifvmode\nointerlineskip\hrule \@height\z@ \@width\hsize\fi%%
11003     \endmdf@lrbox\relax%
11004     \mdf@ignorevbadness%
11005     \setbox\mdf@frametitlebox=\vbox{\unvbox\mdf@frametitlebox}%
11006     \mdfframetitleboxwidth=\wd\mdf@frametitlebox\relax%
11007     \mdfframetitleboxheight=\ht\mdf@frametitlebox\relax%
11008     \mdfframetitleboxdepth=\dp\mdf@frametitlebox\relax%
11009     \mdfframetitleboxtotalheight=\dimexpr
11010                                     \ht\mdf@frametitlebox
11011                                     +\dp\mdf@frametitlebox%
11012                                     +\mdf@frametitleaboveskip@length
11013                                     +\mdf@frametitlebelowskip@length
11014                                     \relax%
11015 }
11016
11017 \renewrobustcmd*\mdf@footnoteoutput{%
11018     \ifvoid\@mpfootins\else%
11019         \nobreak%
11020         \vskip\mdf@footnotedistance@length%
11021         \normalcolor%
11022         \bidi@mpfootnoterule%
11023         \unvbox\@mpfootins%
11024     \fi%
11025 }
11026
11027
11028 \renewrobustcmd*\mdf@footnoteinput{%
11029     \def\@mpfn{\mpfootnote}%
11030     \def\thempfn{\thempfootnote}%
11031     \c@mpfootnote\z@%
11032     \let\@footnotetext\@mpfootnotetext%
11033     \let\@LTRfootnotetext\@mpLTRfootnotetext%
11034     \let\@RTLfootnotetext\@mpRTLfootnotetext%
11035 }

```

7.76 memoir-xetex-bidi.def

```

11036 \ProvidesFile{memoir-xetex-bidi.def}[2010/07/25 v0.5 bidi adaptations for memoir class for XeTeX]
11037 \renewcommand{\keepthetitle}{%
11038     \@bsmtitleempty
11039     \global\let\thanks\relax
11040     \global\let\LTRthanks\relax
11041     \global\let\RTLthanks\relax
11042     \global\let\and\relax
11043     \global\let\andnext\relax
11044     \global\let\@thanks\@empty

```

```

11045 \global\let\@title\@empty
11046 \global\let\@author\@empty
11047 \global\let\@date\@empty}
11048 \renewcommand{\maketitle}{\par
11049 \begingroup
11050 \@bsmarkseries
11051 \def\@makefnmark{\@textsuperscript{%
11052 \normalfont\@bsthanksheadpre \tamark \@bsthanksheadpost}}}%
11053 \long\def\@makefntext##1{\makethanksmark ##1}
11054 \if@twocolumn
11055 \ifnum \col@number=\@ne
11056 \@maketitle
11057 \else
11058 \twocolumn[\@maketitle]%
11059 \fi
11060 \else
11061 \ifdim\pagetotal>\z@
11062 \newpage
11063 \fi
11064 \global\@topnum\z@
11065 \@maketitle
11066 \fi
11067 \thispagestyle{title}\@thanks
11068 \endgroup
11069 \@bscontmark % \setcounter{footnote}{0}%
11070 }
11071 \renewcommand*{\memRTLleftskip}{\if@RTL\righskip\else\leftskip\fi}
11072 \renewcommand*{\memRTLrightskip}{\if@RTL\leftskip\else\rightskip\fi}
11073 \renewcommand*{\memRTLvleftskip}{\if@RTL\vrightskip\else\vleftskip\fi}
11074 \renewcommand*{\memRTLvrightskip}{\if@RTL\vleftskip\else\vrightskip\fi}
11075 \renewcommand*{\memRTLraggedright}{\if@RTL\raggedleft\else\raggedright\fi}
11076 \renewcommand*{\memRTLraggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
11077 \renewcommand*{\thesection}{\thechapter\@SepMark\@arabic\c@section}
11078 \renewcommand*{\thesubsection}{%
11079 \thesection\@SepMark\@arabic\c@subsection}
11080 \renewcommand*{\thesubsubsection}{%
11081 \thesubsection\@SepMark\@arabic\c@subsubsection}
11082 \renewcommand*{\theparagraph}{%
11083 \thesubsubsection\@SepMark\@arabic\c@paragraph}
11084 \renewcommand*{\thesubparagraph}{%
11085 \theparagraph\@SepMark\@arabic\c@subparagraph}
11086 \renewcommand{\setthesection}{\thechapter\@SepMark\Alph{section}}
11087 \renewcommand{\theequation}{%
11088 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
11089 \renewcommand{\thefigure}{\thechapter\@SepMark\@arabic\c@figure}
11090 \renewcommand{\thetable}{\thechapter\@SepMark\@arabic\c@table}
11091 \ifartopt
11092 \chapterstyle{article}
11093 \counterwithout{figure}{chapter}
11094 \counterwithout{table}{chapter}

```

```

11095 \counterwithout{footnote}{chapter}
11096 \counterwithout{equation}{chapter}
11097 \renewcommand{\chaptername}{}
11098 \renewcommand{\maketitlehookb}{%
11099     \vskip -1.5\topsep\vskip -1.5\partopsep}
11100 \renewcommand{\maketitlehookc}{%
11101     \vskip -1.5\topsep\vskip -1.5\partopsep}
11102 \fi
11103 \long\def\@makecaption#1#2{\let\@memtempa\relax
11104     \ifdim\prevdepth>-99\p@ \vskip\abovecaptionskip
11105     \else \def\@memtempa{\vbox to\topskip{}}\fi
11106     \let\@contfnote\footnote \renewcommand{\footnote}[2][]{\fi
11107     \let\@contfmark\footnotemark \renewcommand{\footnotemark}[1][]{\fi
11108     \sbox\@tempboxa{\@contnfont #1\@contdelim \@conttfont #2\@contfinal}
11109     \let\footnote\@contfnote
11110     \let\footnotemark\@contfmark
11111     \ifdim\wd\@tempboxa<\linewidth \centering \fi
11112     \if@contcw
11113         \centering
11114         \parbox{\@contcwidth}{%
11115             \ifdim\wd\@tempboxa<\@contcwidth \centering \fi
11116         \fi
11117     \ifdim\wd\@tempboxa<\linewidth
11118         \@contpre
11119         {\@contnfont #1\@contdelim}\@memtempa
11120         {\@contcshortstyle \@conttfont #2\@contfinal\par}
11121     \else
11122         \if@conthang
11123             \sbox\@tempboxa{\@contnfont #1\@contdelim}
11124             \@contpre%
11125             {\@contcstyle\hangindent=\wd\@tempboxa
11126             \noindent\box\@tempboxa\@memtempa \@conttfont #2\@contfinal\par}
11127         \else
11128             \if@contindent
11129                 \@contpre%
11130                 {\@contnfont #1\@contdelim}\@memtempa
11131                 {\@contcstyle\hangindent=\@contindw
11132                 \hangafter=\@one\@conttfont #2\@contfinal\par}% <- v1.4
11133             \else
11134                 \@contpre%
11135                 {\@contnfont #1\@contdelim}\@memtempa
11136                 {\@contcstyle \@conttfont #2\@contfinal\par}
11137             \fi
11138         \fi
11139     \fi
11140     \@contpost
11141     \if@contcw
11142         \par
11143     } % end of the \parbox
11144 \fi

```

```

11145 \vskip\belowcaptionskip}
11146 \@ifpackageloaded{caption}{%
11147 \AtBeginPackage{caption}{
11148 \ClassWarningNoLine{memoir}{%
11149   You are using the caption package with the memoir \MessageBreak
11150   class. This may cause unexpected or inconsistent \MessageBreak
11151   results if you use any of memoir's captioning facilities}
11152
11153 \long\def\@makecaption##1##2{%
11154   \vskip\abovecaptionskip
11155   \sbox\@tempboxa{\if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi}%
11156   \ifdim \wd\@tempboxa >\hsize
11157     \if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi\par
11158   \else
11159     \global \@minipagefalse
11160     \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
11161   \fi
11162   \vskip\belowcaptionskip}
11163
11164 \def\caption{%
11165   \ifx\@capytype\@undefined
11166     \@latex@error{\noexpand\caption outside float}\@ehd
11167     \expandafter\@gobble
11168   \else
11169     \refstepcounter\@capytype
11170     \expandafter\@firstofone
11171   \fi
11172   {\@dblarg{\@caption\@capytype}}%
11173 }
11174
11175 \long\def\@caption##1[##2]##3{%
11176   \par
11177   \addcontentsline{\csname ext@##1\endcsname}{##1}%
11178   {\protect\numberline{\csname the##1\endcsname}{\ignorespaces ##2}}%
11179   \begingroup
11180     \@parboxrestore
11181     \if@minipage
11182       \@setminipage
11183     \fi
11184     \normalsize
11185     \@makecaption{\csname fnum@##1\endcsname}{\ignorespaces ##3}\par
11186   \endgroup}
11187 }}{}
11188 \renewenvironment{thebibliography}[1]{%
11189   \bibsection
11190   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11191   \begin{bibitemlist}{#1}}{\end{bibitemlist}\postbibhook}

```

7.77 midfloat-xetex-bidi.def

```

11192 \ProvidesFile{midfloat-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for midfloat package for
11193 \def\RTL@outputdblcol{%
11194   \if@firstcolumn
11195     \global \@firstcolumnfalse
11196     \global \setbox\@leftcolumn \box\@outputbox
11197     \global\c@colht\@colht\global\c@advvipersep\z@
11198     \ifnum\jua@sk>0
11199       \remove@strip\jua@sar
11200       \global\@colht\the\jua@pr
11201       \ifdim\right@cor>\z@
11202         \global\advance\@colht by\right@cor
11203       \fi
11204       \global\advance\@colht by\cor@height
11205       \global\cor@height=0pt
11206     \fi
11207     \global \setbox\@rightcolumn \vbox{%
11208 \else
11209   \ifdim\c@colht>\@colht
11210     \@tempdima\@colht
11211     \ifdim\@colht>\z@
11212       \global\setbox\@rightcolumn \vbox{%
11213         \unvbox\@rightcolumn
11214         \vbox to\@tempdima{%
11215           \vskip\c@advvipersep\unvbox\@outputbox}%
11216         \vskip\stripsep
11217         \vrule height\the\jua@ht width 0pt depth 0pt
11218         \vskip\stripsep
11219       }%
11220       \global\c@advvipersep\m@advvipersep
11221     \else
11222       \global\setbox\@rightcolumn \vbox{%
11223         \unvbox\@rightcolumn
11224         \vrule height\the\jua@ht width 0pt depth 0pt
11225         \vskip\stripsep
11226       }%
11227     \fi
11228     \ifnum\jua@sk>0
11229       \remove@strip\jua@sar
11230       \global\@colht\the\jua@pr
11231       \global\advance\@colht by -\ht\@rightcolumn
11232       \global\advance\@colht by\cor@height
11233       \global\cor@height=0pt
11234     \else
11235       \global\advance\c@colht by-\ht\@rightcolumn
11236       \global\@colht\c@colht
11237     \fi
11238   \else
11239     \global\@firstcolumntrue
11240     \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
11241       \unvbox\@rightcolumn

```

```

11242             \vskip\c@addvipersep
11243             \unvbox\@outputbox
11244             }%
11245     \setbox\@outputbox \vbox {%
11246             \hb@xt@\textwidth {%
11247             \hskip \columnwidth
11248             \hfil
11249             \vrule \@width\columnseprule
11250             \hfil
11251             \hb@xt@\columnwidth {%
11252             \box\@leftcolumn \hss}%
11253             \hskip-\textwidth
11254             \hb@xt@\columnwidth {%
11255             \box\@outputbox \hss}%
11256             \hskip\columnwidth
11257             \hskip\columnsep}%
11258             }%
11259     \@combinedblfloats
11260     \@outputpage
11261     \begingroup
11262     \@dblfloatplacement
11263     \@startdblcolumn
11264     \@whiles\if@colmade \fi
11265     {\@outputpage
11266     \@startdblcolumn}%
11267     \endgroup
11268     \global\jua@sk=0\global\jua@sar={}
11269     \global\cor@height\z@\global\c@addvipersep\z@
11270     \fi
11271 \fi
11272 }
11273
11274
11275 \def\LTR@outputdblcol{%
11276     \if@firstcolumn
11277     \global \@firstcolumnfalse
11278     \global \setbox\@leftcolumn \box\@outputbox
11279     \global\c@colht\@colht\global\c@addvipersep\z@
11280     \ifnum\jua@sk>0
11281     \remove@strip\jua@sar
11282     \global\@colht\the\jua@pr
11283     \ifdim\right@cor>\z@
11284     \global\advance\@colht by\right@cor
11285     \fi
11286     \global\advance\@colht by\cor@height
11287     \global\cor@height=0pt
11288     \fi
11289     \global \setbox\@rightcolumn \vbox{}
11290 \else
11291     \ifdim\c@colht>\@colht

```

```

11292         \@tempdima\@colht
11293         \ifdim\@colht>\z@
11294         \global\setbox\@rightcolumn \vbox{%
11295             \unvbox\@rightcolumn
11296             \vbox to\@tempdima{%
11297                 \vskip\c@addvipersep\unvbox\@outputbox}%
11298             \vskip\stripsep
11299             \vrule height\the\jua@ht width Opt depth Opt
11300             \vskip\stripsep
11301         }%
11302         \global\c@addvipersep\m@addvipersep
11303     \else
11304         \global\setbox\@rightcolumn \vbox{%
11305             \unvbox\@rightcolumn
11306             \vrule height\the\jua@ht width Opt depth Opt
11307             \vskip\stripsep
11308         }%
11309     \fi
11310     \ifnum\jua@sk>0
11311         \remove@strip\jua@sar
11312         \global\@colht\the\jua@pr
11313         \global\advance\@colht by -\ht\@rightcolumn
11314         \global\advance\@colht by \cor@height
11315         \global\cor@height=Opt
11316     \else
11317         \global\advance\c@colht by-\ht\@rightcolumn
11318         \global\@colht\c@colht
11319     \fi
11320 \else
11321     \global\@firstcolumntrue
11322     \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
11323         \unvbox\@rightcolumn
11324         \vskip\c@addvipersep
11325         \unvbox\@outputbox
11326     }%
11327     \setbox\@outputbox \vbox {%
11328         \hb@xt@\textwidth {%
11329             \hb@xt@\columnwidth {%
11330                 \box\@leftcolumn \hss}%
11331             \hfil
11332             \vrule \@width\columnseprule
11333             \hfil
11334             \hb@xt@\columnwidth {%
11335                 \box\@outputbox \hss}%
11336             }%
11337         }%
11338 \@combinedblfloats
11339 \@outputpage
11340 \begingroup
11341     \@dblfloatplacement

```

```

11342 \startdblcolumn
11343 \@whilesw\if@fcolmade \fi
11344 {\@outputpage
11345 \startdblcolumn}%
11346 \endgroup
11347 \global\jua@sk=0\global\jua@sar={}%
11348 \global\cor@height\z@\global\c@addvipersep\z@
11349 \fi
11350 \fi
11351 }
11352
11353
11354 \def\@strip[#1/#2]{\global\@tempdima=#1\global\@tempdimb=#2%
11355 \global\setbox\@viper\vbox\bgroup\if@RTLmain\moveleft\dimexpr(\columnwidth+\columnsep)\fi\v
11356 \hsize\textwidth
11357 \@parboxrestore
11358 \col@number \@ne
11359 \vrule height\topskip width0pt depth0pt
11360 }
11361
11362 \def\endstrip{%
11363 \egroup\egroup
11364 \if@firstcolumn
11365 \ifdim\pagetotal>\z@
11366 \vskip\stripsep
11367 \global\ht@strip\pagegoal
11368 \global\advance\ht@strip by-\pagetotal
11369 \global\advance\ht@strip by-\stripsep
11370 \global\advance\ht@strip by-\ht\@viper
11371 \global\advance\ht@strip by-\stripsep
11372 \global\jua@ht=\ht\@viper
11373 \else
11374 \global\ht@strip\z@
11375 \fi
11376 \ifdim\ht@strip>\z@
11377 \unvbox\@viper
11378 \vskip\stripsep
11379 \add@strip{\the\pagetotal}{\the\jua@ht}{\the\@tempdima}{\the\@tempdimb}%
11380 \global\advance\jua@sk by1
11381 \else
11382 \@latex@error{Strip needs more place!}\@ehc
11383 \if@vihproof
11384 \framebox[\columnwidth]{??? Strip ???}%
11385 \fi
11386 \fi
11387 \else
11388 \@latex@error{Strip is used only on left column!}\@ehc
11389 \if@vihproof
11390 \framebox[\columnwidth]{??? Strip ???}%
11391 \fi

```

```

11392         \fi
11393     }

```

7.78 minitoc-xetex-bidi.def

```

11394 \ProvidesFile{minitoc-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for minitoc package for Xe
11395 \def\@undottedtocline#1#2#3#4#5{%
11396     \ifnum #1>\c@tocdepth\relax \else
11397         \vskip \z@ plus.2\p@
11398     {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@tocrmarg \p@
11399         \parindent #2\relax\@afterindenttrue
11400         \interlinepenalty\@M
11401         \leavevmode
11402         \@tempdima #3\relax \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \hbox{}}%
11403         \hskip -\if@RTL\rightskip\else\leftskip\fi
11404         #4\nobreak\hfill \nobreak
11405         \null\par}%
11406     \fi}
11407 \def\@Undottedtocline#1#2#3#4#5{%
11408     \ifnum #1>\c@tocdepth\relax \else
11409         \vskip \z@ \@plus.2\p@
11410     {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@tocrmarg \p@
11411         \parindent #2\relax\@afterindenttrue
11412         \interlinepenalty\@M
11413         \leavevmode
11414         \@tempdima #3\relax
11415         \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
11416         {\coffefont #4}\nobreak \nobreak\null
11417         \par}%
11418     \fi}
11419 \def\@Undottedtoclinep#1#2#3#4#5{%
11420     \ifnum #1>\c@tocdepth\relax \else
11421         \vskip \z@ \@plus.2\p@
11422     {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@tocrmarg \p@
11423         \parindent #2\relax\@afterindenttrue
11424         \interlinepenalty\@M
11425         \leavevmode
11426         \@tempdima #3\relax
11427         \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
11428         {#4}\nobreak \hfill \nobreak\null
11429         \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
11430         \par}%
11431     \fi}

```

7.79 multicol-xetex-bidi.def

```

11432 \ProvidesFile{multicol-xetex-bidi.def}[2011/11/18 v0.2 bidi adaptations for multicol package for Xe
11433 \def\revprocess@cols#1#2{\count@\doublecol@number\relax
11434     \advance\count@ by -2
11435     \loop #2%
11436     \ifnum\count@>#1\relax

```

```

11437     \advance\count@-\tw@
11438   \repeat}
11439 \def\page@sofar{%
11440   \process@cols\mult@rightbox
11441   {\ifvoid\count@
11442     \setbox\count@\hbox to\hsize{}%
11443   \else
11444     \wd\count@\hsize
11445   \fi}%
11446 \count@\col@number \advance\count@m@ne
11447 \mult@info\z@
11448 {Column spec: \the\full@width\space = indent
11449               + columns + sep =\MessageBreak
11450   \the\multicol@leftmargin\space
11451   + \the\col@number\space
11452   x \the\hsize\space
11453   + \the\count@\space
11454   x \the\columnsep
11455 }%
11456 \ifvmode\else\errmessage{Multicol Error}\fi
11457 \nointerlineskip
11458 \setbox\z@\hbox{p}\global\dimen\tw@\dp\z@
11459 \moveright\multicol@leftmargin
11460 \if@RTL\hbox to\full@width{%
11461   \ifdim\dp\mult@rightbox>\dimen\tw@
11462     \global\dimen\tw@\dp\mult@rightbox \fi
11463   \box\mult@rightbox
11464   \llap{\phantom p}%
11465   \revprocess@cols\mult@gfirstbox{%
11466     \ifdim\dp\count@>\dimen\tw@
11467       \global\dimen\tw@\dp\count@ \fi
11468     \hss{\columnseprulecolor\vrule
11469           \@width\columnseprule}\hss\box\count@}%
11470 }\else%
11471   \hbox to\full@width{%
11472     \process@cols\mult@gfirstbox{%
11473       \ifdim\dp\count@>\dimen\tw@
11474         \global\dimen\tw@\dp\count@ \fi
11475       \box\count@
11476       \hss{\columnseprulecolor\vrule
11477             \@width\columnseprule}\hss}%
11478     \ifdim\dp\mult@rightbox>\dimen\tw@
11479       \global\dimen\tw@\dp\mult@rightbox \fi
11480     \box\mult@rightbox
11481     \rlap{\phantom p}%
11482   }\fi%
11483 \kern-\dimen\tw@
11484 \ifdim\dimen\tw@ = \mc@gridwarn
11485   \PackageWarning{multicol}%
11486   {Very deep columns!\MessageBreak

```

```

11487      Grid alignment might be broken}%
11488 \fi
11489 }
11490 \def\multicols#1{\col@number#1\relax
11491   \ifnum\col@number<\tw@
11492     \PackageWarning{multicol}%
11493       {Using '\number\col@number'
11494         columns doesn't seem a good idea.^^J
11495         I therefore use two columns instead}%
11496     \col@number\tw@ \fi
11497   \ifnum\col@number>10
11498     \PackageError{multicol}%
11499       {Too many columns}%
11500     {Current implementation doesn't
11501       support more than 10 columns.%
11502     \MessageBreak
11503     I therefore use 10 columns instead}%
11504   \col@number10 \fi
11505   \ifx\@footnotetext\mult@footnotetext\else
11506     \let\orig@footnotetext\@footnotetext
11507     \let\@footnotetext\mult@footnotetext
11508   \fi
11509   \ifx\@LTRfootnotetext\mult@LTRfootnotetext\else
11510     \let\orig@LTRfootnotetext\@LTRfootnotetext
11511     \let\@LTRfootnotetext\mult@LTRfootnotetext
11512   \fi
11513   \ifx\@RTLfootnotetext\mult@RTLfootnotetext\else
11514     \let\orig@RTLfootnotetext\@RTLfootnotetext
11515     \let\@RTLfootnotetext\mult@RTLfootnotetext
11516   \fi
11517   \@ifnextchar[\mult@cols{\mult@cols[]}]
11518 \long\def\mult@footnotetext#1{\begingroup
11519   \hsize\textwidth
11520   \columnwidth\textwidth
11521   \orig@footnotetext{#1}\endgroup}
11522 \long\def\mult@LTRfootnotetext#1{\begingroup
11523   \hsize\textwidth
11524   \columnwidth\textwidth
11525   \orig@LTRfootnotetext{#1}\endgroup}
11526 \long\def\mult@RTLfootnotetext#1{\begingroup
11527   \hsize\textwidth
11528   \columnwidth\textwidth
11529   \orig@RTLfootnotetext{#1}\endgroup}
11530 \def\right@footnoterule{%
11531   \hbox to \textwidth
11532     {\beginR \vbox{\kern -3\p@
11533       \hrule width .4\columnwidth \kern2.6\p@}\hfil\endR}}
11534 \def\textwidth@footnoterule{\kern-3\p@
11535   \hrule \@width \textwidth \kern 2.6\p@}

```

7.8o multienum-xetex-bidi.def

```

11536 \ProvidesFile{multienum-xetex-bidi.def}[2011/04/16 v0.1 bidi adaptations for multienum package f
11537 \renewcommand{\itemx}[1]{\parbox[t]{%
11538 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11539 \parbox[t]{\remainx}{\bidi@raggedright #1}\par}%\smallskip
11540 \renewcommand{\itemxx}[2]{\parbox[t]{%
11541 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11542 \parbox[t]{.5\remainxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11543 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11544 \parbox[t]{0.5\remainxx}{\bidi@raggedright #2}\smallskip}
11545 \renewcommand{\itemxxx}[3]{\parbox[t]{%
11546 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11547 \parbox[t]{.3333\remainxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11548 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11549 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\hfill\parbox[t]{%
11550 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11551 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #3}\par}%\smallskip
11552 \renewcommand{\itemxxxx}[4]{\parbox[t]{%
11553 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11554 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11555 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11556 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11557 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11558 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\hfill%
11559 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11560 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #4}\smallskip}
11561 \renewcommand{\itemxxxxx}[5]{\parbox[t]{%
11562 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11563 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #1}\hfill%
11564 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11565 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #2}\hfill%
11566 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11567 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #3}\hfill%
11568 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11569 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #4}\hfill%
11570 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11571 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #5}\smallskip}
11572 \renewcommand{\itemxox}[2]{\parbox[t]{%
11573 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11574 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
11575 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11576 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\smallskip}
11577 \renewcommand{\itemxox}[2]{\parbox[t]{%
11578 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11579 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #1}\hfill%
11580 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11581 \parbox[t]{\remainxox}{\bidi@raggedright #2}\smallskip}
11582 \renewcommand{\itemxox}[3]{\parbox[t]{%
11583 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep

```

```

11584 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
11585 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11586 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11587 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11588 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11589 \renewcommand{\itemxox}[3]{\parbox[t]{%
11590 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11591 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11592 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11593 \parbox[t]{\remainxox}{\bidi@raggedright #2}\hfill%
11594 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11595 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11596 \renewcommand{\itemxox}[3]{\parbox[t]{%
11597 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11598 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11599 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11600 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11601 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11602 \parbox[t]{\remainxox}{\bidi@raggedright #3}\smallskip}

```

7.81 natbib-xetex-bidi.def

```

11603 \ProvidesFile{natbib-xetex-bidi.def}[2011/06/04 v0.1 bidi adaptations for natbib package for XeT
11604 \renewenvironment{thebibliography}[1]{%
11605 \bibsection
11606 \parindent\z@
11607 \bibpreamble
11608 \bibfont
11609 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11610 \list{\@biblabel{\the\c@NAT@ctr}}{\@bibsetup{#1}\global\c@NAT@ctr\z@}%
11611 \ifNAT@openbib
11612 \renewcommand\newblock{\par}%
11613 \else
11614 \renewcommand\newblock{\hskip .11em \@plus.33em \@minus.07em}%
11615 \fi
11616 \sloppy\clubpenalty4000\widowpenalty4000
11617 \sfcode`\.\@m
11618 \let\NAT@bibitem@first@sw\@firstoftwo
11619 \let\citeN\cite \let\shortcite\cite
11620 \let\citeasnoun\cite
11621 }{%
11622 \bibitem@fin
11623 \bibpostamble
11624 \def\@noitemerr{%
11625 \PackageWarning{natbib}{Empty `thebibliography' environment}%
11626 }%
11627 \endlist
11628 \bibcleanup
11629 }%

```

7.82 newfloat-xetex-bidi.def

```

11630 \ProvidesFile{newfloat-xetex-bidi.def}[2013/05/22 v0.1 bidi adaptations for newfloat package for
11631 \renewcommand*\newfloat@setwithin[2]{%
11632   \ifcsname c@chapter\endcsname
11633     \@removefromreset{#1}{chapter}%
11634   \fi
11635   \@removefromreset{#1}{section}%
11636   \edef\@tempa{#2}%
11637   \ifx\@tempa\@empty
11638     \def\@tempa{none}%
11639   \fi
11640   \def\@tempb{none}%
11641   \ifx\@tempa\@tempb
11642     \ifcsname c@chapter\endcsname
11643       \@chapterlistsgap@off{#1}%
11644     \fi
11645     \newfloat@@setwithin{#1}{-}{-}%
11646   \else
11647     \def\@tempb{chapter}%
11648     \ifx\@tempa\@tempb
11649       \@addtoreset{#1}{chapter}%
11650       \@chapterlistsgap@on{#1}%
11651       \newfloat@@setwithin{#1}{\ifnum\c@chapter>\z@ \thechapter\@SepMark\fi}{\theHchapter\@SepMa
11652     \else
11653       \def\@tempb{section}%
11654       \ifx\@tempa\@tempb
11655         \@addtoreset{#1}{section}%
11656         \ifcsname c@chapter\endcsname
11657           \@addtoreset{#1}{chapter}%
11658           \@chapterlistsgap@on{#1}%
11659         \newfloat@@setwithin{#1}{\thesection\@SepMark}{\theHsection\@SepMark}%
11660       \else
11661         \newfloat@@setwithin{#1}{\ifnum\c@section>\z@ \thesection\@SepMark\fi}{\theHsection\@Se
11662       \fi
11663     \else
11664       \newfloat@Error{Invalid value `#2' for option `within'}%
11665     \fi
11666   \fi
11667 \fi}

```

7.83 ntheorem-xetex-bidi.def

```

11668 \ProvidesFile{ntheorem-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem package for
11669 \gdef\@thm#1#2#3{%
11670   \if@thmmarks
11671     \stepcounter{end\InTheoType ctr}%
11672   \fi
11673   \renewcommand{\InTheoType}{#1}%
11674   \if@thmmarks
11675     \stepcounter{curr#1ctr}%

```

```

11676     \setcounter{end#1ctr}{0}%
11677     \fi
11678     \refstepcounter{#2}%
11679     \theorem@prework
11680     \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
11681     \ifvmode \advance\thm@topsepadd\partopsep\fi
11682     \trivlist
11683     \@topsep \theorempreskipamount
11684     \@topsepadd \thm@topsepadd % used by \@endparenv
11685     \advance\linewidth -\theorem@indent
11686     \advance\@totalleftmargin \theorem@indent
11687     \ifRTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
11688     \ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

7.84 ntheorem-hyper-xetex-bidi.def

```

11689 \ProvidesFile{ntheorem-hyper-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem-hyper]
11690 \gdef\@thm#1#2#3{%
11691     \if@thmmarks
11692         \stepcounter{end\InTheoType ctr}%
11693     \fi
11694     \renewcommand{\InTheoType}{#1}%
11695     \if@thmmarks
11696         \stepcounter{curr#1ctr}%
11697         \setcounter{end#1ctr}{0}%
11698     \fi
11699     \refstepcounter{#2}%
11700     \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
11701     \ifvmode \advance\thm@topsepadd\partopsep\fi
11702     \trivlist
11703     \@topsep \theorempreskipamount
11704     \@topsepadd \thm@topsepadd % used by \@endparenv
11705     \advance\linewidth -\theorem@indent
11706     \advance\@totalleftmargin \theorem@indent
11707     \ifRTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
11708     \ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

7.85 pdfpages-xetex-bidi.def

```

11709 \ProvidesFile{pdfpages-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for pdfpages package]
11710 \renewcommand*{\includepdf}[2] [] {%
11711     \begingroup
11712     \@RTLfalse
11713     \let\AM@threadname\relax
11714     \AM@split@options{pdfpages}{#1}%
11715     \edef\AM@temp{\pdfpages}{\the\@temptokena}}%
11716     \expandafter\setkeys\AM@temp
11717     \ifthenelse{\boolean{AM@pkg@draft} \and \boolean{AM@survey}}{%
11718         \let\AM@currentdocname\relax
11719         \renewcommand\includegraphics[2] [] {Survey in draft-mode}%
11720     \def\AM@pagecount{0}%

```

```

11721 }{%
11722   \AM@findfile{#2}%
11723   \if\AM@threadname\relax
11724     \def\AM@threadname{\AM@currentdocname}%
11725   \fi
11726 }%
11727 \ifAM@survey
11728   \def\AM@pagestemp{}%
11729   \@tempcnta=0
11730   \def\foo{%
11731     \@ifundefined{r@\AM@xrprefix pdfpages@page\the\@tempcnta}%
11732       {\let\foo\relax}
11733     {\expandafter\ifx\expandafter\\AM@pagestemp\\
11734       \edef\AM@pagestemp{%
11735         \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}}%
11736     \else
11737       \edef\AM@pagestemp{\AM@pagestemp,%
11738         \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}}%
11739     \fi
11740     \advance\@tempcnta 1\relax
11741   }%
11742   \foo
11743 }%
11744 \foo
11745 \expandafter\ifx\expandafter\\AM@pagestemp\\
11746   \def\AM@pagestemp{1}%
11747 \fi
11748 \fi
11749 \ifAM@output
11750   \expandafter\AM@readlist\expandafter{\AM@pagestemp}%
11751   \AM@output{#1}%
11752 \fi
11753 \AM@CheckAtEnd
11754 \endgroup
11755 \AM@ClearShipoutPicture
11756 }

```

7.86 pgf-xetex-bidi.def

```

11757 \ProvidesFile{pgf-xetex-bidi.def}[2012/07/08 v0.4 bidi adaptations for pgf package for XeTeX eng
11758 \let\origin@pgfpicture=\pgfpicture
11759 \let\origin@endpgfpicture=\endpgfpicture
11760 \def\pgfpicture{\ifmmode\else\LTR\beginL\fi\origin@pgfpicture}
11761 \def\endpgfpicture{\origin@endpgfpicture\ifmmode\else\endL\endLTR\fi}%

```

7.87 picinpar-xetex-bidi.def

```

11762 \ProvidesFile{picinpar-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for picinpar package for
11763 \long\def\@makewincaption#1#2{%
11764   \setbox\@tempboxa\hbox{\footnotesize{\bf #1:\enspace}{#2}}%
11765   \ifdim\wd\@tempboxa>\picwd

```

```

11766      {\footnotesize{\bf #1:\enspace}{#2\par}}
11767      \else
11768        \hbox to\picwd{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}
11769      \fi}
11770 \def\endwindow{%
11771   \global\tcd=\tcdsav
11772   \egroup\vskip\parskip\parshape=0 % reset parshape; end \box\rawtext
11773   \vbadness=10000
11774   \splittopskip=0pt
11775 %
11776 % Typeset the lines above the window
11777 %
11778 \ifnum\tcd>0\setbox\holder=\vsplit\rawtext to \tcd\baselineskip
11779 \tcn=\tcd
11780 \loop\advance\tcn -1
11781 \setbox\fslice=\vsplit\holder to\baselineskip
11782 \prune\fslice\linewidth
11783 \topheight=0pt
11784 \ifnum\dp\fslice>\dp\wstrutbox
11785   \advance\topheight-\dp\fslice
11786   \advance\topheight\dp\wstrutbox
11787   \advance\topheight\ilg\fi
11788 \hbox to\linewidth{\box\fslice}
11789 \vskip-\topheight
11790 \ifdim\ht\holder>0pt\repeat
11791 \fi
11792 %
11793 % Now we build the boxes beside the window
11794 %
11795 \global\topheight=\tcl\baselineskip
11796 \ifnum\cumpartcl>0\global\tcl=\cumtcl
11797   \global\topheight=\vpic
11798 \fi
11799 \ifnum\bl>0 \ifnum\br>0 \multiply\topheight by 2\fi\fi
11800 \ifnum\bl>0\setbox\holder=\vsplit\rawtext to\topheight
11801 \else\ifnum\br>0\setbox\holder=\vsplit\rawtext to\topheight\fi\fi
11802 \tcn=\tcl \na=0 \nb=0
11803 \ifnum\bl>0 \ifnum\br>0 \multiply\tcn by 2\fi\fi
11804 \ifnum\bl>0\na=\tcn\ifnum\br>0\divide\na by 2\fi\fi
11805 \ifnum\br>0\nb=\tcn\ifnum\bl>0\divide\nb by 2\fi\fi
11806 \ifnum\na=0\ifnum\nb=0
11807   \setbox\waslice=\vbox to\vpic{\vss}
11808   \setbox\wbslice=\vbox to\vpic{\vss}
11809   \bl=1\br=1
11810   \vskip\ilg
11811 \fi\fi
11812 %
11813 % both sides
11814 %
11815 \ifnum\na>0 \ifnum\nb>0

```

```

11816 \loop\advance\nb -1
11817 \advance\na -1
11818 \if@RTL%
11819 \setbox\bslice=\vsplit\holder to\baselineskip
11820 \prune\bslice\rtside
11821 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11822 to\rtside{\box\bslice\hfil}}
11823 \setbox\aslice=\vsplit\holder to\baselineskip
11824 \prune\aslice\lftside
11825 \setbox\waslice=\vbox{\unvbox\waslice\hbox
11826 to\lftside{\box\aslice\hfil}}
11827 \else%
11828 \setbox\aslice=\vsplit\holder to\baselineskip
11829 \prune\aslice\lftside
11830 \setbox\waslice=\vbox{\unvbox\waslice\hbox
11831 to\lftside{\box\aslice\hfil}}
11832 \setbox\bslice=\vsplit\holder to\baselineskip
11833 \prune\bslice\rtside
11834 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11835 to\rtside{\box\bslice\hfil}}
11836 \fi%
11837 \ifnum\nb>0\repeat
11838 \fi\fi
11839 %
11840 % only text on the left side
11841 %
11842 \ifnum\na>0
11843   \loop\advance\na -1
11844   \setbox\aslice=\vsplit\holder to\baselineskip
11845   \prune\aslice\lftside
11846   \setbox\waslice=\vbox{\unvbox\waslice\hbox
11847   to\lftside{\box\aslice\hfil}}
11848   \ifdim\ht\holder>0pt\repeat
11849 \fi
11850 %
11851 % only text on the right side
11852 %
11853 \ifnum\nb>0
11854   \loop\advance\nb -1
11855   \setbox\bslice=\vsplit\holder to\baselineskip
11856   \prune\bslice\rtside
11857   \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11858   to\rtside{\box\bslice\hfil}}
11859   \ifdim\ht\holder>0pt\repeat
11860 \fi
11861 %
11862 % fixing the dimensions of the window part
11863 %
11864 \ifnum\bl=0\topheight=\ht\wbslice
11865 \else\ifnum\br=0\topheight=\ht\waslice

```

```

11866      \else\ifdim\ht\waslice>\ht\wbslice\topheight=\ht\waslice
11867      \else\topheight=\ht\wbslice\fi\fi\fi
11868 %
11869 % ship out the window material to the main vertical list
11870 %
11871 \ifnum\bl>0 \ifnum\br>0 \ifdim\ht\wbslice<\topheight
11872 \setbox\wbslice=\vbox to\topheight{\box\wbslice\vfill}
11873 \fi\fi\fi
11874 \setbox>windowbox=\vbox{\hbox to\linewidth{%
11875 \ifnum\bl>0\box\waslice\hfill\fi%
11876 \vbox to\topheight{\hrule width\picwd height0pt depth0pt\vskip0pt%
11877 \vfill\unvbox\picbox%
11878 \ifnum\picwd>0\vfill\fi%
11879 \vss}\ifnum\br>0\hfill\vbox{\box\wbslice}\fi}}%
11880 \unvbox>windowbox%
11881 \loop
11882 \setbox\bslice=\vsplit\rawtext to\baselineskip
11883 \prune\bslice\linewidth
11884 \setbox\wbslice=\vbox{\hbox to\linewidth{\box\bslice\hfil}}
11885 \unvbox\wbslice
11886 \ifdim\ht\rawtext>0pt
11887 \repeat
11888 }% FINITO

```

7.88 plain-xetex-bidi.def

```

11889 \def\TeXeTOn{\TeXeTstate=1 }
11890 \def\TeXeTOff{\TeXeTstate=0 }
11891 \TeXeTOn
11892 \def\usebox#1{\leavevmode\copy #1\relax}
11893 \def\bidi@RTL@everypar{\if@RTL{\setbox\z@\lastbox\beginR\ifvoid\z@\else\usebox\z@\fi}\fi}
11894 \let\bidi@o@everypar=\everypar
11895 \newtoks\bidi@n@everypar
11896 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
11897 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
11898 \let\everypar=\bidi@n@everypar
11899 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
11900 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
11901 \protected\def\hboxR{\hbox\bgroup
11902 \everyhbox{%
11903 \aftergroup\egroup
11904 \everyhbox{}}%
11905 \beginR
11906 \bgroup
11907 \aftergroup\endR
11908 \aftergroup\egroup
11909 }\hbox}
11910 \protected\def\hboxL{\hbox\bgroup
11911 \everyhbox{%
11912 \aftergroup\egroup

```

```

11913 \everyhbox{}%
11914 \beginL
11915 \bgroup
11916 \aftergroup\endL
11917 \aftergroup\egroup
11918 }\hbox}
11919 \protected\def\vboxR{\vbox\bgroup
11920 \everyvbox{%
11921 \aftergroup\egroup
11922 \everyvbox{}%
11923 \@RTLtrue
11924 \bgroup
11925 \aftergroup\egroup
11926 }\vbox}
11927 \protected\def\vboxL{\vbox\bgroup
11928 \everyvbox{%
11929 \aftergroup\egroup
11930 \everyvbox{}%
11931 \@RTLfalse
11932 \bgroup
11933 \aftergroup\egroup
11934 }\vbox}
11935 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\hsize\linewidth\parshape\z@}
11936 \def\endLTR{\par}
11937 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
11938 \def\endRTL{\par}
11939 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
11940 \def\setLTR{\@RTLfalse\@RTL@footnotefalse}
11941 \let\unsetRTL=\setLTR
11942 \let\unsetLTR=\setRTL
11943 \let\LR=\LRE
11944 \let\RL=\RLE
11945 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
11946 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
11947 \let\@ensure@RL=\@ensure@RTL
11948 \let\@ensure@LR=\@ensure@LTR
11949 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
11950 \let\@ensure@maindir=\@ensure@dir
11951 \def\@RTL{RTL}
11952 \def\@LTR{LTR}
11953 \def\save@dir{\if@RTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
11954 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi}
11955 \let\@TeX\TeX
11956 \def\TeX{\@ensure@LTR{\@TeX}}
11957 \long\def\@bidi@reflect@box#1{%
11958 \leavevmode
11959 \setbox\z@\hbox{#1}%
11960 \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}%
11961 \hbox to \wd\z@{\kern\wd\z@\box\tw@\hss}%
11962 }

```

```

11963 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
11964 \hbox{\kern-.125em\bidireflect@box{E}}\kern-.1667em \TeX}}$}}
11965 \let\setRL=\setRTL
11966 \let\setLR=\setLTR
11967 \let\unsetRL=\setLTR
11968 \let\bidisaved@eqno=\eqno
11969 \let\bidisaved@leqno=\leqno
11970 \def\eqno{\ifnum\predisplaydirection<\z@ \bidisaved@leqno \else \bidisaved@eqno \fi}
11971 \def\leqno{\ifnum\predisplaydirection<\z@ \bidisaved@eqno \else \bidisaved@leqno \fi}
11972 \def\centerline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
11973 \def\leftline#1{\line{\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
11974 \def\rightline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi}}

```

7.89 pstricks-xetex-bidi.def

```

11975 \ProvidesFile{pstricks-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for pstricks package for
11976 \let\origin@pspicture=\pspicture
11977 \let\origin@endpspicture=\endpspicture
11978 \def\pspicture{\ifmmode\else\LTR\beginL\fi\origin@pspicture}
11979 \def\endpspicture{\origin@endpspicture\ifmmode\else\endL\endLTR\fi}

```

7.90 quotchap-xetex-bidi.def

```

11980 \ProvidesFile{quotchap-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for quotchap package for
11981 \renewcommand{\qauthor}[1]{%
11982 \par\smallskip
11983 {\if@RTL\raggedright\else\raggedleft\fi\upshape #1\qqquad\hbox{\par}\bigskip}
11984 \renewcommand{\@makechapterhead}[1]{\chapterheadstartvskip%
11985 {\size@chapter{\sectfont\if@RTL\raggedright\else\raggedleft\fi
11986 {\chapnumfont
11987 \ifnum \c@secnumdepth >\m@ne%
11988 \ifmainmatter\thechapter%
11989 \fi\fi
11990 \par\nobreak}%
11991 {\if@RTL\raggedright\else\raggedleft\fi\advance\if@RTL\rightmargin\else\leftmargin\fi10em}
11992 \nobreak\chapterheadendvskip}}
11993 \renewcommand*{\@iprintcites}{%
11994 \vbox to\z@{\leavevmode\copy\@quotebox\vss}
11995 \global\let\@printcites\relax}

```

7.91 ragged2e-xetex-bidi.def

```

11996 \ProvidesFile{ragged2e-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for ragged2e package for
11997 \renewcommand{\Centering}{%
11998 \ifx\\ \@raggedtwoe@savedcr
11999 \let\\ \@centercr
12000 \fi
12001 \let\@gnewline\@raggedtwoe@gnewline
12002 \if@RTL\rightright\else\leftskip\fi\CenteringLeftskip
12003 \@rightskip\CenteringRightskip
12004 \if@RTL\leftskip\else\rightskip\fi\@rightskip
12005 \parfillskip\CenteringParfillskip}

```

```

12006 \parindent\CenteringParindent
12007 \@raggedtwo@spaceskiptrue
12008 \@raggedtwo@everyselectfont
12009 }
12010 \renewcommand{\RaggedLeft}{%
12011 \ifx\\ \@raggedtwo@savedcr
12012 \let\\ @centercr
12013 \fi
12014 \let\@gnewline\@raggedtwo@gnewline
12015 \if@RTL\rightright\else\leftskip\fi\RaggedLeftLeftskip
12016 \@rightskip\RaggedLeftRightskip
12017 \if@RTL\leftskip\else\rightright\fi\@rightskip
12018 \parfillskip\RaggedLeftParfillskip
12019 \parindent\RaggedLeftParindent
12020 \@raggedtwo@spaceskiptrue
12021 \@raggedtwo@everyselectfont
12022 }
12023 \renewcommand{\RaggedRight}{%
12024 \ifx\\ \@raggedtwo@savedcr
12025 \let\\ @centercr
12026 \fi
12027 \let\@gnewline\@raggedtwo@gnewline
12028 \if@RTL\rightright\else\leftskip\fi\RaggedRightLeftskip
12029 \@rightskip\RaggedRightRightskip
12030 \if@RTL\leftskip\else\rightright\fi\@rightskip
12031 \parfillskip\RaggedRightParfillskip
12032 \parindent\RaggedRightParindent
12033 \@raggedtwo@spaceskiptrue
12034 \@raggedtwo@everyselectfont
12035 }
12036 \renewcommand{\justifying}{%
12037 \let\\ \@raggedtwo@savedcr
12038 \let\@gnewline\@raggedtwo@saved@gnewline
12039 \if@RTL\rightright\else\leftskip\fi\z@
12040 \@rightskip\z@
12041 \if@RTL\leftskip\else\rightright\fi\@rightskip
12042 \parfillskip\JustifyingParfillskip
12043 \parindent\JustifyingParindent
12044 \@raggedtwo@spaceskipfalse
12045 \@raggedtwo@everyselectfont
12046 }
12047 \renewcommand*{\@raggedtwo@raggedrightboxes@opt}{
12048 \CheckCommand*{\arrayparboxrestore}{%
12049 \let\if@nobreak\iffalse
12050 \let\if@noskipsec\iffalse
12051 \let\par\@par
12052 \let\-\@dischph
12053 \let'\@acci\let'\@accii\let\=\@acciii
12054 \parindent\z@ \parskip\z@skip
12055 \everypar{}%

```

```

12056 \linewidth\hsize
12057 \@totalleftmargin\z@
12058 \if@RTL\rightskip\else\leftskip\fi\z@skip \if@RTL\leftskip\else\rightskip\fi\z@skip \@right.
12059 \parfillskip\@flushglue \lineskip\normallineskip
12060 \baselineskip\normalbaselineskip
12061 \sloppy}%
12062 \renewcommand{\@arrayparboxrestore}{%
12063 \let\if@nobreak\iffalse
12064 \let\if@noskipsec\iffalse
12065 \let\par\@@par
12066 \let\-\@dischyph
12067 \let'\@acci\let'\@accii\let\=\@acciii
12068 \parskip\z@skip
12069 \everypar{}%
12070 \linewidth\hsize
12071 \@totalleftmargin\z@
12072 \RaggedRight
12073 \lineskip\normallineskip
12074 \baselineskip\normalbaselineskip
12075 \sloppy}%
12076 \let\@raggedtwoe@raggedrightboxes@opt\relax
12077 }
12078 \let\origin@RaggedLeft=\RaggedLeft
12079 \let\origin@RaggedRight=\RaggedRight
12080 \def\RaggedLeft{\if@RTL\origin@RaggedRight\else\origin@RaggedLeft\fi}
12081 \def\RaggedRight{\if@RTL\origin@RaggedLeft\else\origin@RaggedRight\fi}

```

7.92 rapport1-xetex-bidi.def

```

12082 \ProvidesFile{rapport1-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for rapport1 class for X
12083 \renewenvironment{theindex}{%
12084 \if@twocolumn
12085 \@restonecolfalse
12086 \else
12087 \@restonecoltrue
12088 \fi
12089 \columnseprule \z@
12090 \columnsep 35\p@
12091 \twocolumn[\@makeschapterhead{\indexname}]%
12092 \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
12093 \thispagestyle{plain}\parindent\z@
12094 \parskip\z@ \@plus .3\p@\relax
12095 \let\item\@idxitem
12096 }{%
12097 \if@restonecol\onecolumn\else\clearpage\fi}
12098 \renewcommand*\head@style{%
12099 \interlinepenalty \@M
12100 \hyphenpenalty=\@M \exhyphenpenalty=\@M
12101 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
12102 \if@titlepage

```

```

12103 \renewenvironment{abstract}{%
12104     \titlepage
12105     \null\vfil
12106     \section*{\SectFont\abstractname}%
12107     \noindent\ignorespaces}
12108     {\par\vfil\null\endtitlepage}
12109 \else
12110 \renewenvironment{abstract}{%
12111     \if@twocolumn
12112         \section*{\abstractname}%
12113     \else
12114         \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12115         \section*{\small\SectFont\abstractname}%
12116         \noindent\ignorespaces
12117     \fi}
12118     {\if@twocolumn\else\par\egroup\fi}
12119 \fi
12120 \renewcommand*\@regtocline[3]{%
12121     \ifnum #1>\c@tocdepth
12122     \else
12123         \vskip\z@\@plus.2\p@
12124         {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
12125         \if@RTL\rightskip\else\leftskip\fi\unitindent
12126         \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
12127         \parfillskip\z@
12128         \@tempdima\unitindent
12129         \parindent\z@
12130         \leavevmode
12131         \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
12132         \hskip 1em \nobreak{\slshape #3}\par
12133     }%
12134     \fi}
12135 \if@oldtoc
12136 \renewcommand*\l@part[2]{%
12137     \ifnum \c@tocdepth >-2\relax
12138         \addpenalty{-\@highpenalty}%
12139         \addvspace{2.25em \@plus\p@}%
12140         \begingroup
12141             \setlength\@tempdima{3em}%
12142             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12143             \parfillskip -\@pnumwidth
12144             {\leavevmode
12145                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12146             \nobreak
12147             \global\@nobreaktrue
12148             \everypar{\global\@nobreakfalse\everypar{}}%
12149         \endgroup
12150     \fi}
12151 \else
12152 \renewcommand*\l@part{%

```

```

12153 \ifnum \c@tocdepth >-2\relax
12154 \addpenalty{-\@highpenalty}%
12155 \addvspace{2.25em \@plus \p@}%
12156 \@regtocline{0}%
12157 \fi}
12158 \fi
12159 \if@oldtoc
12160 \renewcommand*\l@chapter[2]{%
12161 \addpenalty{-\@highpenalty}%
12162 \vskip 1.0em \@plus \p@
12163 \setlength\@tempdima{1.5em}%
12164 \begingroup
12165 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12166 \parfillskip -\@pnumwidth
12167 \leavevmode \bfseries
12168 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12169 \hskip -\if@RTL\rightskip\else\leftskip\fi
12170 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12171 \penalty\@highpenalty
12172 \endgroup}
12173 \else
12174 \renewcommand*\l@chapter{\@regtocline{0}}
12175 \fi
12176 \renewcommand*\left@footnoterule{%
12177 \kern-3\p@
12178 \kern.5\baselineskip
12179 \hrule\@width\unitindent
12180 \kern.4\baselineskip
12181 }
12182 \renewcommand*\right@footnoterule{%
12183 \hbox to \columnwidth
12184 {\beginR \vbox{%
12185 \kern-3\p@
12186 \kern.5\baselineskip
12187 \hrule\@width\unitindent
12188 \kern.4\baselineskip}\hfil\endR}
12189 }
12190 \renewenvironment{thebibliography}[1]
12191 {\chapter*\bibname}%
12192 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12193 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12194 \list{\@biblabel{\@arabic\c@enumiv}}%
12195 {\settowidth\labelwidth{\@biblabel{#1}}%
12196 \leftmargin\labelwidth
12197 \advance\leftmargin\labelsep
12198 \@openbib@code
12199 \usecounter{enumiv}%
12200 \let\p@enumiv\@empty
12201 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
12202 \sloppy\clubpenalty4000\widowpenalty4000%

```

```

12203 \sfcode`.\@m}
12204 {\def\@noitemerr
12205   {\@latex@warning{Empty `thebibliography' environment}}}%
12206 \endlist}
12207 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
12208 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
12209 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
12210 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
12211 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
12212 \renewcommand*\theequation{%
12213   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
12214 \renewcommand*\thefigure{%
12215   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
12216 \renewcommand*\thetable{%
12217   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
12218 \if@titlepage
12219 \renewcommand*\TitleFont{\rmfamily}
12220 \renewcommand*\maketitle{%
12221   \begin{titlepage}%
12222     \let\footnotesize\small
12223     \let\right@footnoterule\relax
12224     \let\left@footnoterule\relax
12225     \let\textwidth@footnoterule\relax
12226     \let \footnote \thanks
12227     \long\def\@makefnmark##1{\parindent\z@
12228       \def\labelitemi{\textendash}\@revlabeltrue
12229       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12230 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12231 \if@compatibility\setcounter{page}{0}\fi
12232 \null\vfil
12233 \vskip 60\p@
12234 \begin{center}%
12235   \TitleFont
12236   {\LARGE \def\{\{\penalty -\@M}
12237     \if@allcaps
12238       \expandafter\uc@nothanks\@title\thanks\relax
12239     \else
12240       \@title
12241       \fi\par}%
12242   \vskip 3em%
12243   {\large
12244     \lineskip .75em \parindent\z@
12245     \begin{tabular}[t]{c}%
12246       \if@allcaps
12247         \expandafter\uc@author\@author\and\relax
12248       \else
12249         \@author
12250       \fi
12251     \end{tabular}\par}%
12252   \vskip 1.5em%

```

```

12253     {\large
12254       \if@allcaps
12255         \uppercase\expandafter{\@date}%
12256       \else
12257         \@date
12258       \fi\par}%
12259     \end{center}\par
12260     \@thanks
12261     \vfil\null
12262 \end{titlepage}%
12263 \setcounter{footnote}{0}%
12264 \global\let\thanks\relax
12265 \global\let\maketitle\relax
12266 \global\let\@thanks\@empty
12267 \global\let\@author\@empty
12268 \global\let\@title\@empty
12269 \global\let\@date\@empty
12270 \global\let\title\relax
12271 \global\let\author\relax
12272 \global\let\date\relax
12273 \global\let\and\relax
12274 }
12275 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12276 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12277   \futurelet\@tempa\uc@ax}
12278 \def\uc@ax{%
12279   \ifx\@tempa\relax
12280   \else
12281     \\\andname \\\expandafter\uc@authornothanks
12282   \fi}
12283 \def\uc@tx{\ifx\@tempa\relax
12284   \else \expandafter\uc@ty \fi}
12285 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12286 \else
12287 \renewcommand*\maketitle{\par
12288   \begingroup
12289     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12290     \def\@makefnmark{\rlap{%
12291       \@textsuperscript{\normalfont\@thefnmark}}}%
12292     \long\def\@makefntext{\@xmakefntext{%
12293       \@textsuperscript{\normalfont\@thefnmark}}}%
12294     \if@twocolumn
12295       \ifnum \col@number=\@ne
12296         \@maketitle
12297       \else
12298         \twocolumn[\@maketitle]%
12299       \fi
12300     \else
12301       \newpage
12302       \global\@topnum\z@

```

```

12303     \@maketitle
12304     \fi
12305     \thispagestyle{plain}\@thanks
12306 \endgroup
12307 \setcounter{footnote}{0}%
12308 \global\let\thanks\relax
12309 \global\let\maketitle\relax
12310 \global\let\@maketitle\relax
12311 \global\let\@thanks\@empty
12312 \global\let\@author\@empty
12313 \global\let\@title\@empty
12314 \global\let\@date\@empty
12315 \global\let\title\relax
12316 \global\let\author\relax
12317 \global\let\date\relax
12318 \global\let\and\relax
12319 }
12320 \def\@maketitle{%
12321 \newpage
12322 \null
12323 \vskip 2em%
12324 \begin{center}%
12325     \let \footnote \thanks
12326     {\LARGE \TitleFont \@title \par}%
12327     \vskip 1.5em%
12328     {\large \TitleFont
12329       \lineskip .5em%
12330       \begin{tabular}[t]{c}%
12331         \@author
12332       \end{tabular}\par}%
12333     \vskip 1em%
12334     {\large \TitleFont \@date}%
12335 \end{center}%
12336 \par
12337 \vskip 1.5em}
12338 \fi

```

7.93 rapport3-xetex-bidi.def

```

12339 \ProvidesFile{rapport3-xetex-bidi.def}[2011/08/26 v0.4 bidi adaptations for rapport3 class for X
12340 \renewenvironment{theindex}{%
12341     \if@twocolumn
12342         \@restonecolfalse
12343     \else
12344         \@restonecoltrue
12345     \fi
12346     \columnseprule \z@
12347     \columnsep 35\p@
12348     \twocolumn[\@makeschapterhead{\indexname}]%
12349     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%

```

```

12350 \thispagestyle{plain}\parindent\z@
12351 \parskip\z@ \@plus .3\p@\relax
12352 \let\item\@idxitem
12353 }{%
12354 \if@restonecol\onecolumn\else\clearpage\fi}
12355 \if@titlepage
12356 \renewcommand*\TitleFont{\rmfamily}
12357 \renewcommand*\maketitle{%
12358 \begin{titlepage}%
12359 \let\footnotesize\small
12360 \let\right@footnoterule\relax
12361 \let\left@footnoterule\relax
12362 \let\textwidth@footnoterule\relax
12363 \let \footnote \thanks
12364 \let \LTRfootnote \LTRthanks
12365 \let \RTLfootnote \RTLthanks
12366 \long\def\@makefntext##1{\parindent\z@
12367 \def\labelitemi{\textendash}\@revlabeltrue
12368 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12369 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12370 \if@compatibility\setcounter{page}{0}\fi
12371 \null\vfil
12372 \vskip 60\p@
12373 \begin{center}%
12374 \TitleFont
12375 {\LARGE \def\\{\penalty -\@M}
12376 \if@allcaps
12377 \expandafter\uc@nothanks\@title\thanks\relax
12378 \else
12379 \@title
12380 \fi\par}%
12381 \vskip 3em%
12382 {\large
12383 \lineskip .75em \parindent\z@
12384 \begin{tabular}[t]{c}%
12385 \if@allcaps
12386 \expandafter\uc@authornothanks\@author\and\relax
12387 \else
12388 \@author
12389 \fi
12390 \end{tabular}\par}%
12391 \vskip 1.5em%
12392 {\large
12393 \if@allcaps
12394 \uppercase\expandafter{\@date}%
12395 \else
12396 \@date
12397 \fi\par}%
12398 \end{center}\par
12399 \@thanks

```

```

12400 \vfil\null
12401 \end{titlepage}%
12402 \setcounter{footnote}{0}%
12403 \global\let\thanks\relax
12404 \global\let\LTRthanks\relax
12405 \global\let\RTLthanks\relax
12406 \global\let\maketitle\relax
12407 \global\let\@thanks\@empty
12408 \global\let\@author\@empty
12409 \global\let\@title\@empty
12410 \global\let\@date\@empty
12411 \global\let\title\relax
12412 \global\let\author\relax
12413 \global\let\date\relax
12414 \global\let\and\relax
12415 }
12416 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12417 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12418 \futurelet\@tempa\uc@ax}
12419 \def\uc@ax{%
12420 \ifx\@tempa\relax
12421 \else
12422 \\\andname \\\expandafter\uc@authornothanks
12423 \fi}
12424 \def\uc@tx{\ifx\@tempa\relax
12425 \else \expandafter\uc@ty \fi}
12426 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12427 \else
12428 \renewcommand*\maketitle{\par
12429 \begingroup
12430 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12431 \def\@makefnmark{\rlap{%
12432 \@textsuperscript{\normalfont\@thefnmark}}}%
12433 \long\def\@makefntext{\@xmakefntext{%
12434 \@textsuperscript{\normalfont\@thefnmark}}}%
12435 \if@twocolumn
12436 \ifnum \col@number=\@ne
12437 \@maketitle
12438 \else
12439 \twocolumn[\@maketitle]%
12440 \fi
12441 \else
12442 \newpage
12443 \global\@topnum\z@
12444 \@maketitle
12445 \fi
12446 \thispagestyle{plain}\@thanks
12447 \endgroup
12448 \setcounter{footnote}{0}%
12449 \global\let\thanks\relax

```

```

12450 \global\let\LTRthanks\relax
12451 \global\let\RTLthanks\relax
12452 \global\let\maketitle\relax
12453 \global\let\@maketitle\relax
12454 \global\let\@thanks\@empty
12455 \global\let\@author\@empty
12456 \global\let\@title\@empty
12457 \global\let\@date\@empty
12458 \global\let\title\relax
12459 \global\let\author\relax
12460 \global\let\date\relax
12461 \global\let\and\relax
12462 }
12463 \def\@maketitle{%
12464   \newpage
12465   \null
12466   \vskip 2em%
12467   \if@titlecentered
12468     \begin{center}%
12469       \let \footnote \thanks
12470       \let \LTRfootnote \LTRthanks
12471       \let \RTLfootnote \RTLthanks
12472       {\LARGE \TitleFont \@title \par}%
12473       \vskip 1.5em%
12474       {\large \TitleFont
12475         \lineskip .5em%
12476         \begin{tabular}[t]{c}%
12477           \@author
12478         \end{tabular}\par}%
12479       \vskip 1em%
12480       {\large \TitleFont \@date}%
12481     \end{center}%
12482   \else
12483     {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
12484     {\large \TitleFont \lineskip .5em \tabcolsep\z@
12485       \def\and{%% \begin{tabular} has already started
12486         \end{tabular}\hskip 1em plus .17fil
12487         \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabular} will
12488         \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}\par}
12489       \vskip 1em {\large \TitleFont \@date}
12490     \fi
12491     \par
12492     \vskip 1.5em}
12493   \fi
12494   \renewcommand*\@regtocline[3]{%
12495     \ifnum #1>\c@tocdepth
12496     \else
12497       \vskip\z@\@plus.2\p@
12498       {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
12499         \if@RTL\righskip\else\leftskip\fi\unitindent

```

```

12500 \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
12501 \parfillskip\z@
12502 \@tempdima\unitindent
12503 \parindent\z@
12504 \leavevmode
12505 \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
12506 \hskip 1em \nobreak{\slshape #3}\par
12507 }%
12508 \fi}
12509 \if@oldtoc
12510 \renewcommand*\l@part[2]{%
12511 \ifnum \c@tocdepth >-2\relax
12512 \addpenalty{-\@highpenalty}%
12513 \addvspace{2.25em \@plus\p@}%
12514 \begingroup
12515 \setlength\@tempdima{3em}%
12516 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12517 \parfillskip -\@pnumwidth
12518 {\leavevmode
12519 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12520 \nobreak
12521 \global\@nobreaktrue
12522 \everypar{\global\@nobreakfalse\everypar{}}%
12523 \endgroup
12524 \fi}
12525 \else
12526 \renewcommand*\l@part{%
12527 \ifnum \c@tocdepth >-2\relax
12528 \addpenalty{-\@highpenalty}%
12529 \addvspace{2.25em \@plus\p@}%
12530 \@regtocline{0}%
12531 \fi}
12532 \fi
12533 \if@oldtoc
12534 \renewcommand*\l@chapter[2]{%
12535 \addpenalty{-\@highpenalty}%
12536 \vskip 1.0em \@plus\p@
12537 \setlength\@tempdima{1.5em}%
12538 \begingroup
12539 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12540 \parfillskip -\@pnumwidth
12541 \leavevmode \bfseries
12542 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12543 \hskip -\if@RTL\rightskip\else\leftskip\fi
12544 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12545 \penalty\@highpenalty
12546 \endgroup}
12547 \else
12548 \renewcommand*\l@chapter{\@regtocline{0}}
12549 \fi

```

```

12550 \renewcommand*\head@style{%
12551     \interlinepenalty \@M
12552     \hyphenpenalty=\@M \exhyphenpenalty=\@M
12553     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
12554 \if@titlepage
12555     \renewenvironment{abstract}{%
12556         \titlepage
12557         \null\vfil
12558         \section*{\SectFont\abstractname}%
12559         \noindent\ignorespaces}
12560     {\par\vfil\null\endtitlepage}
12561 \else
12562     \renewenvironment{abstract}{%
12563         \if@twocolumn
12564             \section*{\abstractname}%
12565         \else
12566             \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12567             \section*{\small\SectFont\abstractname}%
12568             \noindent\ignorespaces
12569         \fi}
12570     {\if@twocolumn\else\par\egroup\fi}
12571 \fi
12572 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
12573 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
12574 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
12575 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
12576 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
12577 \renewcommand*\thefigure{%
12578     \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
12579 \renewcommand*\thetable{%
12580     \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
12581 \renewcommand*\theequation{%
12582     \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
12583 \renewenvironment{thebibliography}[1]
12584     {\chapter*{\bibname}%
12585     \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12586     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12587     \list{\@biblabel{\@arabic\c@enumiv}}%
12588         {\settowidth\labelwidth{\@biblabel{#1}}%
12589         \leftmargin\labelwidth
12590         \advance\leftmargin\labelsep
12591         \@openbib@code
12592         \usecounter{enumiv}%
12593         \let\p@enumiv\@empty
12594         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
12595     \sloppy\clubpenalty4000\widowpenalty4000%
12596     \sfcode`. \@m}
12597 {\def\@noitemerr
12598 {\@latex@warning{Empty `thebibliography' environment}}}%
12599 \endlist}

```

```

12600 \renewcommand*\left@footnoterule{%
12601   \kern-3\p@
12602   \kern.5\baselineskip
12603   \hrule\@width\unitindent
12604   \kern.4\baselineskip
12605 }
12606 \renewcommand*\right@footnoterule{%
12607   \hbox to \columnwidth
12608   {\beginR \vbox{%
12609     \kern-3\p@
12610     \kern.5\baselineskip
12611     \hrule\@width\unitindent
12612     \kern.4\baselineskip}\hfil\endR}
12613 }
12614 \renewcommand*\head@style{%
12615   \interlinepenalty \@M
12616   \hyphenpenalty=\@M \exhyphenpenalty=\@M
12617   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}

```

7.94 refrep-xetex-bidi.def

```

12618 \ProvidesFile{refrep-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for refrep class for XeTeX]
12619 \if@titlepage
12620   \renewcommand\maketitle{\begin{titlepage}%
12621     \let\footnotesize\small
12622     \let\right@footnoterule\relax
12623     \let\left@footnoterule\relax
12624     \let\textwidth@footnoterule\relax
12625     \let\footnote\thanks
12626     \let\LTRfootnote\LTRthanks
12627     \let\RTLfootnote\RTLthanks
12628     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12629     \def\@makefnmark%
12630       {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12631     \long\def\@makefntext##1{%
12632       \@setpar{\@par
12633         \@tempdima = \hsize
12634         \advance\@tempdima -1em
12635         \parshape \@ne 1em \@tempdima}%
12636       \par\parindent 1em \noindent
12637       \hb@xt@\z@\{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
12638     \null\vfil
12639     \vskip 60\p@
12640     \begin{center}%
12641       {\LARGE \@title \par}%
12642       \vskip 3em%
12643       {\large
12644         \lineskip .75em%
12645         \begin{tabular}[t]{c}%
12646           \@author

```

```

12647     \end{tabular}\par}%
12648     \vskip 1.5em%
12649     {\large \@date \par}%           % Set date in \large size.
12650 \end{center}\par
12651 \@thanks
12652 \vfil\null
12653 \end{titlepage}%
12654 \setcounter{footnote}{0}%
12655 \global\let\thanks\relax
12656 \global\let\LTRthanks\relax
12657 \global\let\RTLthanks\relax
12658 \global\let\maketitle\relax
12659 \global\let\@thanks\@empty
12660 \global\let\@author\@empty
12661 \global\let\@date\@empty
12662 \global\let\@title\@empty
12663 \global\let\title\relax
12664 \global\let\author\relax
12665 \global\let\date\relax
12666 \global\let\and\relax
12667 }
12668 \else
12669 \renewcommand\maketitle{\par
12670 \begingroup
12671 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12672 \def\@makefnmark%
12673     {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12674 \long\def\@makefntext##1{%
12675     \setpar{\@par
12676         \@tempdima = \hsize
12677         \advance\@tempdima -1em
12678         \parshape \@ne 1em \@tempdima}%
12679     \par\parindent 1em \noindent
12680     \hbext@z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
12681 \if@twocolumn
12682     \ifnum \col@number=\@ne
12683         \@maketitle
12684     \else
12685         \twocolumn[\@maketitle]%
12686     \fi
12687 \else
12688     \newpage
12689     \global\@topnum\z@ % Prevents figures from going at top of page.
12690     \@maketitle
12691 \fi
12692 \thispagestyle{empty}\@thanks
12693 \endgroup
12694 \setcounter{footnote}{0}%
12695 \global\let\thanks\relax
12696 \global\let\LTRthanks\relax

```

```

12697 \global\let\RTLthanks\relax
12698 \global\let\maketitle\relax
12699 \global\let\@maketitle\relax
12700 \global\let\@thanks\@empty
12701 \global\let\@author\@empty
12702 \global\let\@date\@empty
12703 \global\let\@title\@empty
12704 \global\let\title\relax
12705 \global\let\author\relax
12706 \global\let\date\relax
12707 \global\let\and\relax
12708 }
12709 \def\@maketitle{%
12710     \newpage
12711     \null
12712     \longthickrule\vskip1.5em%
12713     \let \footnote \thanks
12714     \let \LTRfootnote \LTRthanks
12715     \let \RTLfootnote \RTLthanks
12716     {\secshape \parskip\z@ \parindent\z@
12717     \Large\bfseries \@title \par}%
12718     \vskip1.5em\longthickrule\vskip1.5em%
12719     {\normalsize
12720     \lineskip .5em%
12721     \begin{flushright}%
12722         {\slshape\@author\par}
12723         \vskip 1em%
12724         {\@date}%
12725     \end{flushright}\par}%
12726     \vskip 1.5em}
12727 \fi
12728 \renewcommand*\l@part[2]{%
12729     \ifnum \c@tocdepth >-2\relax
12730         \addpenalty{-\@highpenalty}%
12731         \addvspace{2.25em \@plus\p@}%
12732         \begingroup
12733             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12734             \parfillskip -\@pnumwidth
12735             {\leavevmode
12736             \large \bfseries #1\hfil \hbox to\@pnumwidth{\hss #2}}\par
12737             \nobreak
12738             \global\@nbreaktrue
12739             \everypar{\global\@nbreakfalse\everypar{}}%
12740         \endgroup
12741     \fi}
12742 \renewcommand*\l@chapter[2]{%
12743     \ifnum \c@tocdepth >\m@ne
12744         \addpenalty{-\@highpenalty}%
12745         \vskip 1.0em \@plus\p@
12746         \setlength\@tempdima{1.5em}%

```

```

12747 \begingroup
12748 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12749 \parfillskip -\@pnumwidth
12750 \leavevmode \bfseries
12751 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12752 \hskip -\if@RTL\rightskip\else\leftskip\fi
12753 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12754 \penalty\@highpenalty
12755 \endgroup
12756 \fi}
12757 \renewcommand\secshape{\if@RTL\rightskip\else\leftskip\fi=-\leftmarginwidth%
12758 \if@RTL\leftskip\else\rightskip\fi=\@flushglue%
12759 \hyphenpenalty=2000}
12760 \renewcommand\left@footnoterule{%
12761 \kern-3\p@
12762 \hrule\@width.4\columnwidth
12763 \kern 2.6\p@}
12764 \renewcommand\right@footnoterule{%
12765 \hbox to \columnwidth
12766 {\beginR \vbox{%
12767 \kern-3\p@
12768 \hrule\@width.4\columnwidth
12769 \kern 2.6\p@}\hfil\endR}}
12770 \renewcommand\theequation
12771 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
12772 \renewcommand\thefigure
12773 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
12774 \renewcommand\thetable%
12775 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
12776 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
12777 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
12778 \renewcommand\thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
12779 \renewcommand\theparagraph {\thesubsubsection \@SepMark\@arabic\c@paragraph}
12780 \renewcommand\thesubparagraph {\theparagraph \@SepMark\@arabic\c@subparagraph}
12781 \renewenvironment{thebibliography}[1]
12782 {\chapter*{\bibname
12783 \mkboth{\bibname}{\bibname}}}%
12784 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12785 \list{\@biblabel{\@arabic\c@enumiv}}%
12786 {\settowidth\labelwidth{\@biblabel{#1}}%
12787 \leftmargin\labelwidth
12788 \advance\leftmargin\labelsep
12789 \openbib@code
12790 \usecounter{enumiv}%
12791 \let\p@enumiv\@empty
12792 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
12793 \sloppy
12794 \clubpenalty4000
12795 \@clubpenalty \clubpenalty
12796 \widowpenalty4000%

```

```

12797      \sfcode`\.=\@m}
12798      {\def\@noitemerr
12799        {\@latex@warning{Empty `thebibliography' environment}}}%
12800      \endlist}

```

7.95 report-xetex-bidi.def

```

12801 \ProvidesFile{report-xetex-bidi.def}[2011/08/26 v0.6 bidi adaptations for standard report class]
12802 \renewenvironment{theindex}
12803     {\if@twocolumn
12804       \@restonecolfalse
12805       \else
12806         \@restonecoltrue
12807       \fi
12808       \columnseprule \z@
12809       \columnsep 35\p@
12810       \twocolumn[\@makeschapterhead{\indexname}]%
12811       \@mkboth{\MakeUppercase\indexname}%
12812               {\MakeUppercase\indexname}%
12813       \thispagestyle{plain}\parindent\z@
12814       \parskip\z@ \@plus .3\p@\relax
12815       \let\item\@idxitem}
12816     {\if@restonecol\onecolumn\else\clearpage\fi}
12817 \if@titlepage
12818 \renewcommand\maketitle{\begin{titlepage}%
12819 \let\footnotesize\small
12820 \let\right@footnoterule\relax
12821 \let\left@footnoterule\relax
12822 \let\textwidth@footnoterule\relax
12823 \let \footnote \thanks
12824 \let \LTRfootnote \LTRthanks
12825 \let \RTLfootnote \RTLthanks
12826 \null\vfil
12827 \vskip 60\p@
12828 \begin{center}%
12829   {\LARGE \@title \par}%
12830   \vskip 3em%
12831   {\large
12832     \lineskip .75em%
12833     \begin{tabular}[t]{c}%
12834       \@author
12835     \end{tabular}\par}%
12836     \vskip 1.5em%
12837     {\large \@date \par}%           % Set date in \large size.
12838 \end{center}\par
12839 \@thanks
12840 \vfil\null
12841 \end{titlepage}%
12842 \setcounter{footnote}{0}%
12843 \global\let\thanks\relax

```

```

12844 \global\let\LTRthanks\relax
12845 \global\let\RTLthanks\relax
12846 \global\let\maketitle\relax
12847 \global\let\@thanks\@empty
12848 \global\let\@author\@empty
12849 \global\let\@date\@empty
12850 \global\let\@title\@empty
12851 \global\let\title\relax
12852 \global\let\author\relax
12853 \global\let\date\relax
12854 \global\let\and\relax
12855 }
12856 \else
12857 \renewcommand\maketitle{\par
12858 \begingroup
12859 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12860 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12861 \long\def\@makefntext##1{\parindent 1em\noindent
12862 \hb@xt@1.8em{%
12863 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
12864 \if@twocolumn
12865 \ifnum \col@number=\@ne
12866 \@maketitle
12867 \else
12868 \twocolumn[\@maketitle]%
12869 \fi
12870 \else
12871 \newpage
12872 \global\@topnum\z@ % Prevents figures from going at top of page.
12873 \@maketitle
12874 \fi
12875 \thispagestyle{plain}\@thanks
12876 \endgroup
12877 \setcounter{footnote}{0}%
12878 \global\let\thanks\relax
12879 \global\let\LTRthanks\relax
12880 \global\let\RTLthanks\relax
12881 \global\let\maketitle\relax
12882 \global\let\@maketitle\relax
12883 \global\let\@thanks\@empty
12884 \global\let\@author\@empty
12885 \global\let\@date\@empty
12886 \global\let\@title\@empty
12887 \global\let\title\relax
12888 \global\let\author\relax
12889 \global\let\date\relax
12890 \global\let\and\relax
12891 }
12892 \def\@maketitle{%
12893 \newpage

```

```

12894 \null
12895 \vskip 2em%
12896 \begin{center}%
12897 \let \footnote \thanks
12898 \let \LTRfootnote \LTRthanks
12899 \let \RTLfootnote \RTLthanks
12900 {\LARGE \@title \par}%
12901 \vskip 1.5em%
12902 {\large
12903 \lineskip .5em%
12904 \begin{tabular}[t]{c}%
12905 \author
12906 \end{tabular}\par}%
12907 \vskip 1em%
12908 {\large \@date}%
12909 \end{center}%
12910 \par
12911 \vskip 1.5em}
12912 \fi
12913 \renewcommand*\l@part[2]{%
12914 \ifnum \c@tocdepth >-2\relax
12915 \addpenalty{-\@highpenalty}%
12916 \addvspace{2.25em \@plus\p@}%
12917 \setlength\@tempdima{3em}%
12918 \begingroup
12919 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12920 \parfillskip -\@pnumwidth
12921 {\leavevmode
12922 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12923 \nobreak
12924 \global\@nobreaktrue
12925 \everypar{\global\@nobreakfalse\everypar{}}%
12926 \endgroup
12927 \fi}
12928 \renewcommand*\l@chapter[2]{%
12929 \ifnum \c@tocdepth >\m@ne
12930 \addpenalty{-\@highpenalty}%
12931 \vskip 1.0em \@plus\p@
12932 \setlength\@tempdima{1.5em}%
12933 \begingroup
12934 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12935 \parfillskip -\@pnumwidth
12936 \leavevmode \bfseries
12937 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12938 \hskip -\if@RTL\rightskip\else\leftskip\fi
12939 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12940 \penalty\@highpenalty
12941 \endgroup
12942 \fi}
12943 \renewcommand\left@footnoterule{%

```

```

12944 \kern-3\p@
12945 \hrule\@width.4\columnwidth
12946 \kern2.6\p@}
12947 \renewcommand\right@footnoterule{%
12948 \hbox to \columnwidth
12949 {\beginR \vbox{%
12950 \kern-3\p@
12951 \hrule\@width.4\columnwidth
12952 \kern2.6\p@}\hfil\endR}}
12953 \renewcommand\theequation
12954 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
12955 \renewcommand \thefigure
12956 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
12957 \renewcommand \thetable
12958 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
12959 \renewcommand \thechapter {\@arabic\c@chapter}
12960 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
12961 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
12962 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
12963 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
12964 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
12965 \def\@makechapterhead#1{%
12966 \vspace*{50\p@}%
12967 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
12968 \ifnum \c@secnumdepth >\m@ne
12969 \huge\bfseries \@chapapp\space \thechapter
12970 \par\nobreak
12971 \vskip 20\p@
12972 \fi
12973 \interlinepenalty\@M
12974 \Huge \bfseries #1\par\nobreak
12975 \vskip 40\p@
12976 }}
12977 \def\@makeschapterhead#1{%
12978 \vspace*{50\p@}%
12979 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
12980 \normalfont
12981 \interlinepenalty\@M
12982 \Huge \bfseries #1\par\nobreak
12983 \vskip 40\p@
12984 }}
12985 \renewenvironment{thebibliography}[1]
12986 {\chapter*{\bibname}%
12987 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12988 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12989 \list{\@biblabel{\@arabic\c@enumiv}}%
12990 {\settowidth\labelwidth{\@biblabel{#1}}%
12991 \leftmargin\labelwidth
12992 \advance\leftmargin\labelsep
12993 \@openbib@code

```

```

12994         \usecounter{enumiv}%
12995         \let\p@enumiv\@empty
12996         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
12997     \sloppy
12998     \clubpenalty4000
12999     \@clubpenalty \clubpenalty
13000     \widowpenalty4000%
13001     \sfcode`.\@m}
13002     {\def\@noitemerr
13003      {\@latex@warning{Empty `thebibliography' environment}}}%
13004     \endlist}

```

7.96 rotating-xetex-bidi.def

```

13005 \ProvidesFile{rotating-xetex-bidi.def}[2013/05/22 v0.2 bidi adaptations for rotating package for
13006 \def\end@rotfloat{%
13007     \end{minipage}\end{lrbox}%
13008     \stepcounter{r@tfl@t}%
13009     \rot@label{RF\ther@tfl@t}%
13010     \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13011     \edef\@tempa{Adding sideways \capttype\space on page \R@@page\space}
13012     \rot@mess@toks\expandafter{\@tempa}
13013     \wd\rot@float@box\z@
13014     \ht\rot@float@box\z@
13015     \dp\rot@float@box\z@
13016     \vboxL to \textheight{%
13017         \setkeys{Grot}{units=360}%
13018         \if@rot@twoside
13019             \else
13020                 \let\R@@page\rot@LR
13021             \fi
13022         \ifthenelse{\isodd{\R@@page}}{%
13023             \if@rot@twoside
13024                 \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
13025             \fi
13026             \vfill
13027             @@line{%
13028                 \hskip\rotFPtop
13029                 \rotatebox{90}{\box\rot@float@box}%
13030                 \hskip\rotFPbot
13031             }%
13032         }{%
13033             \if@rot@twoside
13034                 \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
13035             \fi
13036             @@line{%
13037                 \hskip\rotFPbot
13038                 \rotatebox{-90}{\box\rot@float@box}%
13039                 \hskip\rotFPtop
13040             }%

```

```

13041      \vfill
13042    }%
13043    \rot@message{\the\rot@mess@toks}
13044  }%
13045  \end@float
13046 }
13047 \let\endsidewaysfigure\end@rotfloat
13048 \let\endsidewaysstable\end@rotfloat
13049 \def\end@rotdblfloat{%
13050   \end{minipage}\end{lrbox}%
13051   \stepcounter{r@tfl@t}%
13052   \rot@label{RF\ther@tfl@t}%
13053   \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13054   \edef\@tempa{Adding sideways \@capytype\space on page \R@@page\space}
13055   \rot@mess@toks\expandafter{\@tempa}
13056   \@tempdima\ht\rot@float@box
13057   \advance\@tempdima by \dp\rot@float@box
13058   \wd\rot@float@box\z@
13059   \ht\rot@float@box\z@
13060   \dp\rot@float@box\z@
13061   \vboxL to \textheight{%
13062     \setkeys{Grot}{units=360}%
13063     \if@rot@twoside
13064     \else
13065       \let\R@@page\rot@LR
13066     \fi
13067     \ifthenelse{\isodd{\R@@page}}{%
13068       \ifrot@messages
13069         \if@rot@twoside
13070         \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
13071       \fi
13072       \fi
13073       \vfill
13074       @@line{%
13075         \hskip\rotFPtop
13076         \rotatebox{90}{\box\rot@float@box}%
13077         \hskip\rotFPbot
13078       }%
13079     }{%
13080       \ifrot@messages
13081       \if@rot@twoside
13082       \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
13083     \fi
13084     \fi%
13085     @@line{%
13086       \hskip\rotFPbot
13087       \rotatebox{-90}{\box\rot@float@box}%
13088       \hskip\rotFPtop
13089     }%
13090     \vfill

```

```

13091 }%
13092 \rot@message{\the\rot@mess@toks}%
13093 }%
13094 \end@dblfloat
13095 }
13096 \def\turn#1{%
13097 \Grot@setangle{#1}%
13098 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13099 \def\endturn{%
13100 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13101 \unskip\color@endbox
13102 \Grot@x\z@
13103 \Grot@y\z@
13104 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13105 }
13106 \def\rotate#1{%
13107 \Grot@setangle{#1}%
13108 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13109 \def\endrotate{%
13110 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13111 \unskip\color@endbox
13112 \Grot@x\z@
13113 \Grot@y\z@
13114 \wd0\z@\dp0\z@\ht0\z@
13115 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13116 }
13117 \def\turnbox#1#2{%
13118 \Grot@setangle{#1}%
13119 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi#2\ifmmode\if@RTL\endR\fi\fi}
13120 \Grot@x\z@\Grot@y\z@
13121 \wd0\z@\dp0\z@\ht0\z@
13122 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13123 }
13124 \def\sideways{%
13125 \Grot@setangle{90}%
13126 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13127 \def\endsideways{%
13128 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13129 \unskip\color@endbox
13130 \Grot@x\z@
13131 \Grot@y\z@
13132 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13133 }

```

7.97 scrartcl-xetex-bidi.def

```

13134 \ProvidesFile{scrartcl-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrartcl class for Xe
13135 \newcommand{\scr@saved@LTRfootnotetext}{}
13136 \newcommand{\scr@saved@RTLfootnotetext}{}
13137 \let\scr@saved@footnotetext\@footnotetext

```

```

13138 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13139 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13140 \renewcommand{\@footnotetext}[1]{%
13141   \scr@saved@footnotetext{#1}%
13142   \csname FN@mf@prepare\endcsname
13143 }
13144 \renewcommand{\@LTRfootnotetext}[1]{%
13145   \scr@saved@LTRfootnotetext{#1}%
13146   \csname FN@mf@prepare\endcsname
13147 }
13148 \renewcommand{\@RTLfootnotetext}[1]{%
13149   \scr@saved@RTLfootnotetext{#1}%
13150   \csname FN@mf@prepare\endcsname
13151 }
13152 \renewcommand\deffootnote[4][1]{%
13153   \long\def\@makefnmark##1{%
13154     \setlength{\@tempdimc}{#3}%
13155     \def\@tempa{#1}\ifx\@tempa\@empty
13156       \setpar{\@par
13157         \@tempdima = \hsize
13158         \addtolength{\@tempdima}{-#2}%
13159         \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13160     \else
13161       \addtolength{\@tempdimc}{#2}%
13162       \addtolength{\@tempdimc}{-#1}%
13163       \setpar{\@par
13164         \@tempdima = \hsize
13165         \addtolength{\@tempdima}{-#1}%
13166         \@tempdimb = \hsize
13167         \addtolength{\@tempdimb}{-#2}%
13168         \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@tempdimb}%
13169     }%
13170     \fi
13171     \par
13172     \parindent\@tempdimc\noindent
13173     \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13174   }%
13175   \def\@makefnmark{\hbox{\ftn@font{#4}}}%
13176 }
13177 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13178 \renewcommand*\left@footnoterule{%
13179   \normalsize\ftn@rule@test@values
13180   \kern-\dimexpr 2.6\p+\ftn@rule@height\relax
13181   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13182   {\usekomafont{footnoterule}{%
13183     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13184   \kern 2.6\p}
13185 \renewcommand*\right@footnoterule{%
13186   \hbox to \columnwidth
13187   {\beginR \vbox{\kern -3\p@

```

```

13188 \normalsize\ftn@rule@test@values
13189 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13190 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13191 {\usekomafont{footnoterule}{%
13192     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13193 \kern 2.6\p@}\hfil\endR}}
13194 \renewcommand*\maketitle[1][1]{%
13195     \if@titlepage
13196         \begin{titlepage}
13197             \setcounter{page}{%
13198                 #1%
13199             }%
13200             \let\footnotesize\small
13201             \let\right@footnoterule\relax
13202             \let\left@footnoterule\relax
13203             \let\textwidth\footnoterule\relax
13204             \let\footnote\thanks
13205             \let\LTRfootnote\LTRthanks
13206             \let\RTLfootnote\RTLthanks
13207             \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13208             \let\@oldmakefnmark\@makefnmark
13209             \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
13210             \ifx\@extratitle\@empty \else
13211                 \noindent\@extratitle\next@tpage\cleardoubleemptypage
13212                 \thispagestyle{empty}%
13213             \fi
13214             \setparsizes{\z@}{\z@}{\z@ \@plus 1fil}\par@updaterelative
13215             \ifx\@titlehead\@empty \else
13216                 \begin{minipage}[t]{\textwidth}%
13217                     \@titlehead
13218                 \end{minipage}\par
13219             \fi
13220             \null\vfill
13221             \begin{center}
13222                 \ifx\@subject\@empty \else
13223                     {\subject@font \@subject \par}%
13224                     \vskip 3em
13225                 \fi
13226                 {\titlefont\huge \@title\par}%
13227                 \vskip 1em
13228                 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13229                 \vskip 2em
13230                 {\Large \lineskip 0.75em
13231                     \begin{tabular}[t]{c}
13232                         \@author
13233                     \end{tabular}\par
13234                 }%
13235                 \vskip 1.5em
13236                 {\Large \@date \par}%
13237                 \vskip \z@ \@plus3fill

```

```

13238      {\Large \@publishers \par}%
13239      \vskip 3em
13240      \end{center}\par
13241      \@thanks
13242      \vfill\null
13243      \if@twoside\next@tpage
13244      \begin{minipage}[t]{\textwidth}
13245      \uppertitleback
13246      \end{minipage}\par
13247      \vfill
13248      \begin{minipage}[b]{\textwidth}
13249      \lowertitleback
13250      \end{minipage}
13251      \fi
13252      \ifx\@dedication\@empty \else
13253      \next@tpage\null\vfill
13254      {\centering \Large \@dedication \par}%
13255      \vskip \z@ \@plus3fill
13256      \if@twoside \next@tpage\cleardoubleemptypage \fi
13257      \fi
13258      \end{titlepage}
13259      \else
13260      \par
13261      \@tempcnta=%
13262      #1%
13263      \relax\ifnum\@tempcnta=1\else
13264      \ClassWarning{\KOMAClassName}{%
13265      Optional argument of \string\maketitle\space ignored
13266      at\MessageBreak
13267      notitlepage-mode%
13268      }%
13269      \fi
13270      \begin{group}
13271      \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13272      \let\oldmakefnmark\makefnmark
13273      \renewcommand*\@makefnmark{\rlap\oldmakefnmark}
13274      \if@twocolumn
13275      \ifnum \col@number=\@one
13276      \maketitle
13277      \else
13278      \twocolumn[\maketitle]%
13279      \fi
13280      \else
13281      \newpage
13282      \global\@topnum\z@
13283      \maketitle
13284      \fi
13285      \thispagestyle{\titlepagestyle}\@thanks
13286      \end{group}
13287      \fi

```

```

13288 \setcounter{footnote}{0}%
13289 \let\thanks\relax
13290 \let\LTRthanks\relax
13291 \let\RTLthanks\relax
13292 \let\maketitle\relax
13293 \let\@maketitle\relax
13294 \global\let\@thanks\@empty
13295 \global\let\@author\@empty
13296 \global\let\@date\@empty
13297 \global\let\@title\@empty
13298 \global\let\@subtitle\@empty
13299 \global\let\@extratitle\@empty
13300 \global\let\@titlehead\@empty
13301 \global\let\@subject\@empty
13302 \global\let\@publishers\@empty
13303 \global\let\@uppertitleback\@empty
13304 \global\let\@lowertitleback\@empty
13305 \global\let\@dedication\@empty
13306 \global\let\author\relax
13307 \global\let\title\relax
13308 \global\let\extratitle\relax
13309 \global\let\titlehead\relax
13310 \global\let\subject\relax
13311 \global\let\publishers\relax
13312 \global\let\uppertitleback\relax
13313 \global\let\lowertitleback\relax
13314 \global\let\dedication\relax
13315 \global\let\date\relax
13316 \global\let\and\relax
13317 }%
13318 \renewcommand*{\@maketitle}{%
13319 \clearpage
13320 \let\footnote\thanks
13321 \let\LTRfootnote\LTRthanks
13322 \let\RTLfootnote\RTLthanks
13323 \ifx\@extratitle\@empty \else
13324 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
13325 \fi
13326 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13327 \ifx\@titlehead\@empty \else
13328 \begin{minipage}[t]{\textwidth}
13329 \@titlehead
13330 \end{minipage}\par
13331 \fi
13332 \null
13333 \vskip 2em%
13334 \begin{center}%
13335 \ifx\@subject\@empty \else
13336 {\subject@font \@subject \par}
13337 \vskip 1.5em

```

```

13338 \fi
13339 {\titlefont\huge \@title \par}%
13340 \vskip .5em
13341 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13342 \vskip 1em
13343 {\Large
13344 \lineskip .5em%
13345 \begin{tabular}[t]{c}
13346 \@author
13347 \end{tabular}\par
13348 }%
13349 \vskip 1em%
13350 {\Large \@date \par}%
13351 \vskip \z@ \@plus 1em
13352 {\Large \@publishers \par}
13353 \ifx\@dedication\@empty \else
13354 \vskip 2em
13355 {\Large \@dedication \par}
13356 \fi
13357 \end{center}%
13358 \par
13359 \vskip 2em
13360 }%
13361 \renewcommand*\l@part[2]{%
13362 \ifnum \c@tocdepth >\m@ne\relax
13363 \addpenalty{\@secpenalty}%
13364 \addvspace{2.25em \@plus\p@}%
13365 \setlength{\@tempdima}{2em}%
13366 \if@tocleft
13367 \ifx\toc@l@number\@empty\else
13368 \setlength{\@tempdima}{0\toc@l@number}%
13369 \fi
13370 \fi
13371 \begingroup
13372 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13373 \parfillskip -\@pnumwidth
13374 \leavevmode
13375 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13376 \hskip -\if@RTL\rightskip\else\leftskip\fi
13377 {\usekomafont{partentry}{#1\nobreak
13378 \usekomafont{partentrypagenumber}{\hfil\nobreak
13379 \hb@xt@\@pnumwidth{\hss#2}}}\par
13380 \ifnum \scr@compatibility>\@nameuse{scr@v02.96}\relax
13381 \endgroup
13382 \penalty20010
13383 \else
13384 \if@compatibility
13385 \global\@nobreaktrue
13386 \everypar{\global\@nobreakfalse\everypar{}}%
13387 \else

```

```

13388         \penalty\@highpenalty
13389     \fi
13390 \endgroup
13391 \fi
13392 \fi
13393 }
13394 \renewcommand*\l@section[2]{%
13395     \ifnum \c@tocdepth >\z@
13396         \ifnum \lastpenalty<20009
13397             \addpenalty{\@secpenalty}%
13398         \fi
13399         \addvspace{1.0em \@plus\p@}%
13400         \setlength\@tempdima{1.5em}%
13401         \if@tocleft
13402             \ifx\toc@l@number\@empty\else
13403                 \setlength\@tempdima{0\toc@l@number}%
13404             \fi
13405         \fi
13406     \begingroup
13407         \raggedsectionentry
13408         \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13409         \parfillskip -\@pnumwidth
13410         \interlinepenalty\@M
13411         \leavevmode
13412         \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightsk
13413         {\usekomafont{sectionentry}{#1\nobreak
13414             \usekomafont{sectionentrypagenumber}{%
13415                 \hfill\nobreak
13416                 \hb@xt@\@pnumwidth{\hss#2}}}\par
13417     \endgroup
13418     \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13419         \penalty20008
13420     \fi
13421 \fi
13422 }
13423 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
13424 \def\raggedpart{\if@RTL\raggedleft\else\raggedright\fi}
13425 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
13426 \renewcommand*\thesubsection{\thesubsection\@SepMark\@arabic\c@subsection}
13427 \renewcommand*\thesubsubsection{\%
13428     \thesubsection\@SepMark\@arabic\c@subsubsection
13429 }
13430 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
13431 \renewcommand*\thesubparagraph{\%
13432     \theparagraph\@SepMark\@arabic\c@subparagraph
13433 }
13434 \renewenvironment{thebibliography}[1]{%
13435     \if@bib@break@
13436         \bib@beginhook
13437     \else

```

```

13438 \bib@heading
13439 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
13440 \noindent\bibpreamble\par\nobreak
13441 \fi\fi
13442 \bib@beginhook
13443 \bib@before@hook
13444 \fi
13445 \renewcommand{\BreakBibliography}[1]{%
13446 \@bib@break
13447 \end{thebibliography}%
13448 \begingroup ##1\endgroup
13449 \begin{thebibliography}{#1}
13450 }%
13451 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13452 \list{%
13453 \@biblabel{\@arabic\c@enumiv}%
13454 }{%
13455 \settowidth\labelwidth{\@biblabel{#1}}%
13456 \leftmargin\labelwidth
13457 \advance\leftmargin\labelsep
13458 \@openbib@code
13459 \if@bib@break@
13460 \edef\@tempa{%
13461 \noexpand\usecounter{enumiv}%
13462 \noexpand\setcounter{enumiv}{\the\c@enumiv}%
13463 }\@tempa
13464 \no@bib@break
13465 \else
13466 \usecounter{enumiv}%
13467 \fi
13468 \let\p@enumiv\@empty
13469 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
13470 }%
13471 \sloppy\clubpenalty4000 \widowpenalty4000
13472 \sfcode`\.=\@m
13473 }{%
13474 \if@bib@break@
13475 \def\@noitemerr{%
13476 \@latex@warning{%
13477 \string\BreakBibliography\space at begin of `thebibliography'
13478 environment\MessageBreak
13479 or following \string\BreakBibliography}%
13480 }%
13481 \else
13482 \def\@noitemerr{%
13483 \@latex@warning{%
13484 Empty `thebibliography' environment or
13485 \string\BreakBibliography\MessageBreak
13486 before end of `thebibliography' environment}%
13487 }%

```

```

13488 \fi
13489 \endlist
13490 \if@bib@break@
13491 \else
13492 \bib@after@hook
13493 \let\bib@before@hook\@empty
13494 \let\bib@after@hook\@empty
13495 \fi
13496 \bib@endhook
13497 }
13498 \renewcommand*\left@footnoterule{%
13499 \kern-3\p@
13500 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13501 \hrule\@width.4\columnwidth
13502 \kern 2.6\p@}
13503 \renewcommand*\right@footnoterule{%
13504 \hbox to \columnwidth
13505 {\beginR \vbox{%
13506 \kern-3\p@
13507 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13508 \hrule\@width.4\columnwidth
13509 \kern 2.6\p@}\hfil\endR}}
13510 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
13511 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
13512 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
13513 \renewcommand\marginline[1]{%
13514 \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
13515 }
13516 \renewcommand{\@makecaption}[3]{%
13517 \cap@margin
13518 \ifonelinecaptions
13519 \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
13520 \let\scr@tmp@footnotetext=\@footnotetext
13521 \let\@footnotetext=\@gobble
13522 \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
13523 \let\@LTRfootnotetext=\@gobble
13524 \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
13525 \let\@RTLfootnotetext=\@gobble
13526 \sbox\@tempboxa{%
13527 {\capfont{\strut\ignorespaces
13528 #1{\caplabelfont{#2\captionformat}}}%
13529 #3\unskip\strut}}%
13530 }%
13531 \let\@footnotetext=\scr@tmp@footnotetext
13532 \let\scr@tmp@footnotetext=\undefined
13533 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
13534 \let\scr@tmp@LTRfootnotetext=\undefined
13535 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
13536 \let\scr@tmp@RTLfootnotetext=\undefined
13537 \setcounter{footnote}{\@tempcntb}%

```

```

13538 \setcounter{mpfootnote}{\@tempcnta}%
13539 \else
13540 \sbox\@tempboxa{\hspace*{2\cap@width}}%
13541 \fi
13542 \beginngroup%
13543 \setlength{\@tempdima}{\cap@width}%
13544 \ifdim \wd\@tempboxa >\@tempdima
13545 \hb@xt@\hsize{%
13546 \setbox\@tempboxa\vbox{\hsize=\cap@width
13547 \ifdofullc@p
13548 {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
13549 #1{\caplabelfont{#2\captionformat}}}}}%
13550 {#3\unskip\strut\par}}}%
13551 \else%
13552 \ifdim\cap@indent<\z@
13553 {\capfont{\strut\ignorespaces
13554 #1{\caplabelfont{#2\captionformat\par}}}%
13555 \noindent\hspace*{-\cap@indent}#3\unskip\strut\par}}%
13556 \else%
13557 \if@capbreak
13558 {\capfont{\strut\ignorespaces
13559 #1{\caplabelfont{#2\captionformat\par}}}%
13560 \noindent\@hangfrom{\hspace*{\cap@indent}}{#3\par}}}%
13561 \else
13562 {\capfont{\@hangfrom{\scr@smashdp{\strut\hspace*{\cap@indent}}}%
13563 {\hspace*{-\cap@indent}\scr@smashdp{\ignorespaces#1%
13564 {\caplabelfont{#2\captionformat}}}}#3\unskip\strut\par}}}%
13565 \fi
13566 \fi
13567 \fi
13568 }%
13569 \setlength{\@tempdima}{\ht\@tempboxa}%
13570 \addtolength{\@tempdima}{\dp\@tempboxa}%
13571 \addtolength{\@tempdima}{-\ht\strutbox}%
13572 \ht\@tempboxa\ht\strutbox
13573 \dp\@tempboxa\@tempdima
13574 \strut\cap@left
13575 \box\@tempboxa
13576 \cap@right\strut
13577 }%
13578 \else
13579 \global \@minipagefalse
13580 \sbox\@tempboxa{%
13581 {\capfont{\scr@smashdp{\strut\ignorespaces
13582 #1{\caplabelfont{#2\captionformat}}}}}%
13583 #3}}%
13584 }%
13585 {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\cap@right}}%
13586 \fi
13587 \endgroup

```

```

13588 }
13589 \renewcommand{\@makecaption}[2]{%
13590   \if@captionabove
13591     \vskip\belowcaptionskip
13592   \else
13593     \vskip\abovecaptionskip
13594   \fi
13595   \@makecaption\@firstofone{#1}{#2}%
13596   \if@captionabove
13597     \vskip\abovecaptionskip
13598   \else
13599     \vskip\belowcaptionskip
13600   \fi
13601 }

```

7.98 scrbook-xetex-bidi.def

```

13602 \ProvidesFile{scrbook-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrbook class for XeT
13603 \newcommand{\scr@saved@LTRfootnotetext}{}
13604 \newcommand{\scr@saved@RTLfootnotetext}{}
13605 \let\scr@saved@footnotetext\@footnotetext
13606 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13607 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13608 \renewcommand{\@footnotetext}[1]{%
13609   \scr@saved@footnotetext{#1}%
13610   \csname FN@mf@prepare\endcsname
13611 }
13612 \renewcommand{\@LTRfootnotetext}[1]{%
13613   \scr@saved@LTRfootnotetext{#1}%
13614   \csname FN@mf@prepare\endcsname
13615 }
13616 \renewcommand{\@RTLfootnotetext}[1]{%
13617   \scr@saved@RTLfootnotetext{#1}%
13618   \csname FN@mf@prepare\endcsname
13619 }
13620 \renewcommand\deffootnote[4][1]{%
13621   \long\def\@makefntext##1{%
13622     \setlength{\@tempdimc}{#3}%
13623     \def\@tempa{#1}\ifx\@tempa\@empty
13624       \setpar{\@par
13625         \@tempdima = \hsize
13626         \addtolength{\@tempdima}{-#2}%
13627         \ifRTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13628     \else
13629       \addtolength{\@tempdimc}{#2}%
13630       \addtolength{\@tempdimc}{-#1}%
13631       \setpar{\@par
13632         \@tempdima = \hsize
13633         \addtolength{\@tempdima}{-#1}%
13634         \@tempdimb = \hsize

```

```

13635      \addtolength{\@tempdimb}{-#2}%
13636      \ifRTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@t
13637      }%
13638      \fi
13639      \par
13640      \parindent\@tempdimc\noindent
13641      \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13642  }%
13643  \def\@makefnmark{\hbox{\ftn@font{#4}}}%
13644 }
13645 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13646 \renewcommand*\left@footnoterule{%
13647   \normalsize\ftn@rule@test@values
13648   \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13649   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13650   {\usekomafont{footnoterule}{%
13651     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13652   \kern 2.6\p@}
13653 \renewcommand*\right@footnoterule{%
13654   \hbox to \columnwidth
13655   {\beginR \vbox{\kern -3\p@
13656     \normalsize\ftn@rule@test@values
13657     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13658     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13659     {\usekomafont{footnoterule}{%
13660       \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13661     \kern 2.6\p@}\hfil\endR}}
13662 \renewcommand*\maketitle[1][1]{%
13663   \if@titlepage
13664     \begin{titlepage}
13665       \setcounter{page}{%
13666         #1%
13667       }%
13668       \let\footnotesize\small
13669       \let\right@footnoterule\relax
13670       \let\left@footnoterule\relax
13671       \let\textwidth@footnoterule\relax
13672       \let\footnote\thanks
13673       \let\LTRfootnote\LTRthanks
13674       \let\RTLfootnote\RTLthanks
13675       \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13676       \let\@oldmakefnmark\@makefnmark
13677       \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
13678       \ifx\@extratitle\@empty \else
13679         \noindent\@extratitle\next@tpage\cleardoubleemptypage
13680         \thispagestyle{empty}%
13681       \fi
13682       \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13683       \ifx\@titlehead\@empty \else
13684         \begin{minipage}[t]{\textwidth}%

```

```

13685         \@titlehead
13686         \end{minipage}\par
13687     \fi
13688     \null\vfill
13689     \begin{center}
13690         \ifx\@subject\@empty \else
13691             {\subject@font \@subject \par}%
13692             \vskip 3em
13693         \fi
13694         {\titlefont\huge \@title\par}%
13695         \vskip 1em
13696     {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13697     \vskip 2em
13698     {\Large \lineskip 0.75em
13699         \begin{tabular}[t]{c}
13700             \@author
13701         \end{tabular}\par
13702     }%
13703     \vskip 1.5em
13704     {\Large \@date \par}%
13705     \vskip \z@ \@plus3fill
13706     {\Large \@publishers \par}%
13707     \vskip 3em
13708     \end{center}\par
13709     \@thanks
13710     \vfill\null
13711     \if@twoside\next@tpage
13712         \begin{minipage}[t]{\textwidth}
13713             \@uppertitleback
13714         \end{minipage}\par
13715         \vfill
13716         \begin{minipage}[b]{\textwidth}
13717             \@lowertitleback
13718         \end{minipage}
13719     \fi
13720     \ifx\@dedication\@empty \else
13721         \next@tpage\null\vfill
13722         {\centering \Large \@dedication \par}%
13723         \vskip \z@ \@plus3fill
13724         \if@twoside \next@tpage\cleardoubleemptypage \fi
13725     \fi
13726     \end{titlepage}
13727 \else
13728     \par
13729     \@tempcnta=%
13730     #1%
13731     \relax\ifnum\@tempcnta=1\else
13732         \ClassWarning{KOMAClassName}{%
13733             Optional argument of \string\maketitle\space ignored
13734             at\MessageBreak

```

```

13735         notitlepage-mode%
13736     }%
13737 \fi
13738 \begingroup
13739     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13740     \let\oldmakefnmark\makefnmark
13741     \renewcommand*{\@makefnmark}{\rlap\oldmakefnmark}
13742     \if@twocolumn
13743         \ifnum \col@number=\@one
13744             \@maketitle
13745         \else
13746             \twocolumn[\@maketitle]%
13747         \fi
13748     \else
13749         \newpage
13750         \global\@topnum\z@
13751         \@maketitle
13752     \fi
13753     \thispagestyle{\titlepagestyle}\@thanks
13754 \endgroup
13755 \fi
13756 \setcounter{footnote}{0}%
13757 \let\thanks\relax
13758 \let\LTRthanks\relax
13759 \let\RTLthanks\relax
13760 \let\maketitle\relax
13761 \let\@maketitle\relax
13762 \global\let\@thanks\@empty
13763 \global\let\@author\@empty
13764 \global\let\@date\@empty
13765 \global\let\@title\@empty
13766 \global\let\@subtitle\@empty
13767 \global\let\@extratitle\@empty
13768 \global\let\@titlehead\@empty
13769 \global\let\@subject\@empty
13770 \global\let\@publishers\@empty
13771 \global\let\@uppertitleback\@empty
13772 \global\let\@lowertitleback\@empty
13773 \global\let\@dedication\@empty
13774 \global\let\author\relax
13775 \global\let\title\relax
13776 \global\let\extratitle\relax
13777 \global\let\titlehead\relax
13778 \global\let\subject\relax
13779 \global\let\publishers\relax
13780 \global\let\uppertitleback\relax
13781 \global\let\lowertitleback\relax
13782 \global\let\dedication\relax
13783 \global\let\date\relax
13784 \global\let\and\relax

```

```

13785 }%
13786 \renewcommand*{\@maketitle}{%
13787   \clearpage
13788   \let\footnote\thanks
13789   \let\LTRfootnote\LTRthanks
13790   \let\RTLfootnote\RTLthanks
13791   \ifx\@extratitle\@empty \else
13792     \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
13793   \fi
13794   \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13795   \ifx\@titlehead\@empty \else
13796     \begin{minipage}[t]{\textwidth}
13797       \@titlehead
13798     \end{minipage}\par
13799   \fi
13800   \null
13801   \vskip 2em%
13802   \begin{center}%
13803     \ifx\@subject\@empty \else
13804       {\subject@font \@subject \par}
13805       \vskip 1.5em
13806     \fi
13807     {\titlefont\huge \@title \par}%
13808     \vskip .5em
13809     {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13810     \vskip 1em
13811     {\Large
13812       \lineskip .5em%
13813       \begin{tabular}[t]{c}
13814         \@author
13815       \end{tabular}\par
13816     }%
13817     \vskip 1em%
13818     {\Large \@date \par}%
13819     \vskip \z@ \@plus 1em
13820     {\Large \@publishers \par}
13821     \ifx\@dedication\@empty \else
13822       \vskip 2em
13823       {\Large \@dedication \par}
13824     \fi
13825   \end{center}%
13826   \par
13827   \vskip 2em
13828 }%
13829 \renewcommand*\l@part[2]{%
13830   \ifnum \c@tocdepth >-2\relax
13831     \addpenalty{-\@highpenalty}%
13832     \addvspace{2.25em \@plus\p@}%
13833     \setlength{\@tempdima}{2em}%
13834     \if@tocleft

```

```

13835     \ifx\toc@l@number\@empty\else
13836         \setlength\@tempdima{0\toc@l@number}%
13837     \fi
13838 \fi
13839 \begingroup
13840     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13841     \parfillskip -\@pnumwidth
13842     \leavevmode
13843     \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13844     \hskip -\if@RTL\rightskip\else\leftskip\fi
13845     {\usekomafont{partentry}{#1\nobreak
13846         \usekomafont{partentrypagenumber}{\hfil\nobreak
13847             \hb@xt@\@pnumwidth{\hss#2}}}\par
13848     \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13849     \endgroup
13850     \penalty20010
13851 \else
13852     \penalty\@highpenalty
13853 \endgroup
13854 \fi
13855 \fi
13856 }\renewcommand*\l@part[2]{%
13857 \ifnum \c@tocdepth >-2\relax
13858     \addpenalty{-\@highpenalty}%
13859     \addvspace{2.25em \@plus\p@}%
13860     \setlength{\@tempdima}{2em}%
13861     \if@tocleft
13862         \ifx\toc@l@number\@empty\else
13863             \setlength\@tempdima{0\toc@l@number}%
13864         \fi
13865     \fi
13866     \begingroup
13867         \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13868         \parfillskip -\@pnumwidth
13869         \leavevmode
13870         \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13871         \hskip -\if@RTL\rightskip\else\leftskip\fi
13872         {\usekomafont{partentry}{#1\nobreak
13873             \usekomafont{partentrypagenumber}{\hfil\nobreak
13874                 \hb@xt@\@pnumwidth{\hss#2}}}\par
13875         \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13876         \endgroup
13877         \penalty20010
13878     \else
13879         \penalty\@highpenalty
13880     \endgroup
13881 \fi
13882 \fi
13883 }
13884 \renewcommand*\l@chapter[2]{%

```

```

13885 \ifnum \c@tocdepth >\m@ne
13886 \ifnum \lastpenalty<20010
13887 \addpenalty{-\@highpenalty}%
13888 \fi
13889 \vskip 1.0em \@plus\p@
13890 \setlength\@tempdima{1.5em}%
13891 \if@tocleft
13892 \ifx\toc@l@number\@empty\else
13893 \setlength\@tempdima{0\toc@l@number}%
13894 \fi
13895 \fi
13896 \begingroup
13897 \raggedchapterentry
13898 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13899 \parfillskip -\@pnumwidth
13900 \interlinepenalty\@M
13901 \leavevmode
13902 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightsk
13903 {\usekomafont{chapterentry}{#1\nobreak
13904 \usekomafont{chapterentrypagenumber}{%
13905 \hfill\nobreak
13906 \hb@xt@\@pnumwidth{\hss#2}}}\par
13907 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13908 \endgroup
13909 \penalty20009
13910 \else
13911 \penalty\@highpenalty
13912 \endgroup
13913 \fi
13914 \fi
13915 }
13916 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
13917 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
13918 \renewcommand*\thesection{%
13919 \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13920 \if@mainmatter\thechapter\@SepMark\fi
13921 \else
13922 \thechapter\@SepMark%
13923 \fi
13924 \@arabic\c@section
13925 }
13926 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
13927 \renewcommand*{\thesubsubsection}{%
13928 \thesubsection\@SepMark\@arabic\c@subsubsection
13929 }
13930 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
13931 \renewcommand*{\thesubparagraph}{%
13932 \theparagraph\@SepMark\@arabic\c@subparagraph
13933 }
13934 \renewcommand*\thefigure{%

```

```

13935 \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13936 \if@mainmatter\thechapter\@SepMark\fi
13937 \else
13938 \thechapter\@SepMark%
13939 \fi
13940 \@arabic\c@figure
13941 }
13942 \renewcommand*\thetable{%
13943 \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13944 \if@mainmatter\thechapter\@SepMark\fi
13945 \else
13946 \thechapter\@SepMark%
13947 \fi
13948 \@arabic\c@table
13949 }
13950 \renewcommand*\theequation{%
13951 \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13952 \if@mainmatter\thechapter\@SepMark\fi
13953 \else
13954 \thechapter\@SepMark%
13955 \fi
13956 \@arabic\c@equation
13957 }
13958 \renewenvironment{thebibliography}[1]{%
13959 \if@bib@break@
13960 \bib@beginhook
13961 \else
13962 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
13963 \setchapterpreamble{\bibpreamble}%
13964 \fi\fi
13965 \bib@heading
13966 \bib@beginhook
13967 \bib@before@hook
13968 \fi
13969 \renewcommand{\BreakBibliography}[1]{%
13970 \@bib@break
13971 \end{thebibliography}%
13972 \begingroup ##1\endgroup
13973 \begin{thebibliography}{#1}
13974 }%
13975 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13976 \list{%
13977 \@biblabel{\@arabic\c@enumiv}%
13978 }{%
13979 \settowidth\labelwidth{\@biblabel{#1}}%
13980 \leftmargin\labelwidth
13981 \advance\leftmargin\labelsep
13982 \@openbib@code
13983 \if@bib@break@
13984 \edef\@tempa{%

```

```

13985         \noexpand\usecounter{enumiv}%
13986         \noexpand\setcounter{enumiv}{\the\c@enumiv}%
13987     }\@tempa
13988     \no@bib@break
13989 \else
13990     \usecounter{enumiv}%
13991 \fi
13992 \let\p@enumiv\@empty
13993 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
13994 }%
13995 \sloppy\clubpenalty4000 \widowpenalty4000
13996 \sfcode`\.=\@m
13997 }{%
13998 \if@bib@break@
13999     \def\@noitemerr{%
14000         \@latex@warning{%
14001             \string\BreakBibliography\space at begin of `thebibliography'
14002             environment\MessageBreak
14003             or following \string\BreakBibliography}%
14004     }%
14005 \else
14006     \def\@noitemerr{%
14007         \@latex@warning{%
14008             Empty `thebibliography' environment or
14009             \string\BreakBibliography\MessageBreak
14010             before end of `thebibliography' environment}%
14011     }%
14012 \fi
14013 \endlist
14014 \if@bib@break@
14015 \else
14016     \bib@after@hook
14017     \let\bib@before@hook\@empty
14018     \let\bib@after@hook\@empty
14019 \fi
14020 \bib@endhook
14021 }
14022 \renewcommand*\left@footnoterule{%
14023     \kern-3\p@
14024     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14025     \hrule\@width.4\columnwidth
14026     \kern 2.6\p@}
14027 \renewcommand*\right@footnoterule{%
14028     \hbox to \columnwidth
14029     {\beginR \vbox{%
14030         \kern-3\p@
14031         \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14032         \hrule\@width.4\columnwidth
14033         \kern 2.6\p@}\hfil\endR}}
14034 \renewcommand*\raggeddictum{\if@RTL\raggedright\else\raggedleft\fi}

```

```

14035 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
14036 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
14037 \renewcommand\marginline[1]{%
14038   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
14039 }
14040 \renewcommand{\@@makecaption}[3]{%
14041   \cap@margin
14042   \ifonelinecaptions
14043     \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14044     \let\scr@tmp@footnotetext=\@footnotetext
14045     \let\@footnotetext=\@gobble
14046     \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
14047     \let\@LTRfootnotetext=\@gobble
14048     \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14049     \let\@RTLfootnotetext=\@gobble
14050     \sbox\@tempboxa{%
14051       {\capfont{\strut\ignorespaces
14052         #1{\caplabelfont{#2\captionformat}}}%
14053         #3\unskip\strut}}%
14054     }%
14055     \let\@footnotetext=\scr@tmp@footnotetext
14056     \let\scr@tmp@footnotetext=\undefined
14057     \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14058     \let\scr@tmp@LTRfootnotetext=\undefined
14059     \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14060     \let\scr@tmp@RTLfootnotetext=\undefined
14061     \setcounter{footnote}{\@tempcntb}%
14062     \setcounter{mpfootnote}{\@tempcnta}%
14063   \else
14064     \sbox\@tempboxa{\hspace*{2\cap@width}}%
14065   \fi
14066   \begingroup%
14067     \setlength{\@tempdima}{\cap@width}%
14068     \ifdim \wd\@tempboxa >\@tempdima
14069       \hb@xt@\hsize{%
14070         \setbox\@tempboxa\vbox{\hsize=\cap@width
14071           \ifdofullc@p
14072             {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
14073               #1{\caplabelfont{#2\captionformat}}}}}%
14074               #3\unskip\strut\par}}}%
14075         \else%
14076           \ifdim\cap@indent<\z@
14077             {\capfont{\strut\ignorespaces
14078               #1{\caplabelfont{#2\captionformat\par}}}%
14079               \noindent\hspace*{-\cap@indent}\#3\unskip\strut\par}}%
14080           \else%
14081             \if@capbreak
14082               {\capfont{\strut\ignorespaces
14083                 #1{\caplabelfont{#2\captionformat\par}}}%
14084                 \noindent\@hangfrom{\hspace*\cap@indent}\#3\par}}}%

```

```

14085         \else
14086         {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}}%
14087          {\hspace{-\cap@indent}\scr@smashdp{\ignorespaces#1%
14088           {\caplabelfont{#2\captionformat}}}\#3\unskip\strut\par}}}%
14089         \fi
14090       \fi
14091     \fi
14092   }%
14093   \setlength{\@tempdima}{\ht\@tempboxa}%
14094   \addtolength{\@tempdima}{\dp\@tempboxa}%
14095   \addtolength{\@tempdima}{-\ht\strutbox}%
14096   \ht\@tempboxa\ht\strutbox
14097   \dp\@tempboxa\@tempdima
14098   \strut\cap@left
14099   \box\@tempboxa
14100   \cap@right\strut
14101 }%
14102 \else
14103   \global \@minipagefalse
14104   \sbox\@tempboxa{%
14105     {\capfont{\scr@smashdp{\strut\ignorespaces
14106      #1{\caplabelfont{#2\captionformat}}}\#3}}}%
14107   }%
14108   {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\cap@right}}\fi
14109   \fi
14110 \endgroup
14111 }
14112 }
14113 \renewcommand{\@makecaption}[2]{%
14114   \if@captionabove
14115     \vskip\belowcaptionskip
14116   \else
14117     \vskip\abovecaptionskip
14118   \fi
14119   \@@makecaption\@firstofone{#1}{#2}%
14120   \if@captionabove
14121     \vskip\abovecaptionskip
14122   \else
14123     \vskip\belowcaptionskip
14124   \fi
14125 }

```

7.99 scrlettr-xetex-bidi.def

```

14126 \ProvidesFile{scrlettr-xetex-bidi.def}[2011/09/24 v0.2 bidi adaptations for scrlettr class for XeTeX]
14127 \renewcommand\deffootnote[4] [] {%
14128   \long\def\@makefntext##1{%
14129     \edef\@tempa{#1}\ifx\@tempa\@empty
14130       \setpar{\@par
14131         \@tempdima = \hsize

```

```

14132         \addtolength{\@tempdima}{-#2}
14133         \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14134     \else
14135         \@setpar{\@par
14136             \@tempdima = \hsize
14137             \addtolength{\@tempdima}{-#1}
14138             \@tempdimb = \hsize
14139             \addtolength{\@tempdimb}{-#2}
14140             \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@t
14141         \fi
14142     \par
14143     \parindent #3\noindent
14144     \hbox to \z@{\hss\@makefnmark}##1}
14145 \def\@makefnmark{\hbox{#4}}
14146 }
14147 \def\footnote[1em]{1.5em}{1em}
14148 {\textsuperscript{\thefootnotemark}}
14149 \def\left@footnoterule{\kern-1\p@
14150 \hrule width 0.4\columnwidth
14151 \kern .6\p@}
14152 \def\right@footnoterule{%
14153 \hbox to \columnwidth
14154 {\beginR \vbox{\kern -3\p@
14155 \kern-1\p@
14156 \hrule width 0.4\columnwidth
14157 \kern .6\p@}\hfil\endR}}
14158 \def\@datefield{\@reffalse
14159 \ifx\varyourref\@empty \else \@reftrue \fi
14160 \ifx\varyourmail\@empty \else \@reftrue \fi
14161 \ifx\varmyref\@empty \else \@reftrue \fi
14162 \ifx\varcustomer\@empty \else \@reftrue \fi
14163 \ifx\varinvoice\@empty \else \@reftrue \fi
14164 \ifx\varrefitemi\@empty \else \@reftrue \fi
14165 \ifx\varrefitemii\@empty \else \@reftrue \fi
14166 \ifx\varrefitemiii\@empty \else \@reftrue \fi
14167 \vskip -\parskip
14168 \vskip \refvskip
14169 \if@ref
14170 \ifx\varyourref\@empty \else
14171 \settowidth{\sc@temp}{\varyourref}
14172 \setbox0\hbox{\scriptsize \sf \yourrefname}
14173 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14174 \parbox[t]{\sc@temp}{\noindent \box0\par \varyourref}\hfill
14175 \fi
14176 \ifx\varyourmail\@empty \else
14177 \settowidth{\sc@temp}{\varyourmail}
14178 \setbox0\hbox{\scriptsize \sf \yourmailname}
14179 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14180 \parbox[t]{\sc@temp}{\noindent \box0\par \varyourmail}\hfill
14181 \fi

```

```

14182 \ifx\varmyref\@empty \else
14183 \settowidth{\sc@temp}{\varmyref}
14184 \setbox0\hbox{\scriptsize \sf \myrefname}
14185 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14186 \parbox[t]{\sc@@temp}{\noindent \box0\par \varmyref}\hfill
14187 \fi
14188 \ifx\varcustomer\@empty \else
14189 \settowidth{\sc@temp}{\varcustomer}
14190 \setbox0\hbox{\scriptsize \sf \customername}
14191 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14192 \parbox[t]{\sc@@temp}{\noindent \box0\par \varcustomer}\hfill
14193 \fi
14194 \ifx\varinvoice\@empty \else
14195 \settowidth{\sc@temp}{\varinvoice}
14196 \setbox0\hbox{\scriptsize \sf \invoicename}
14197 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14198 \parbox[t]{\sc@@temp}{\noindent \box0\par \varinvoice}\hfill
14199 \fi
14200 \ifx\varrefitemi\@empty \else
14201 \settowidth{\sc@temp}{\varrefitemi}
14202 \setbox0\hbox{\scriptsize \sf \varrefitemnamei}
14203 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14204 \parbox[t]{\sc@@temp}{\noindent \box0\par \varrefitemi}\hfill
14205 \fi
14206 \ifx\varrefitemii\@empty \else
14207 \settowidth{\sc@temp}{\varrefitemii}
14208 \setbox0\hbox{\scriptsize \sf \varrefitemnameii}
14209 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14210 \parbox[t]{\sc@@temp}{\noindent \box0\par \varrefitemii}\hfill
14211 \fi
14212 \ifx\varrefitemiii\@empty \else
14213 \settowidth{\sc@temp}{\varrefitemiii}
14214 \setbox0\hbox{\scriptsize \sf \varrefitemnameiii}
14215 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14216 \parbox[t]{\sc@@temp}{\noindent \box0\par \varrefitemiii}\hfill
14217 \fi
14218 \ifx\@date\@empty \else
14219 \settowidth{\sc@temp}{\@date}
14220 \setbox0\hbox{\scriptsize \sf \datenname}
14221 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14222 \parbox[t]{\sc@@temp}{\noindent \box0\par \@date}
14223 \fi
14224 \par
14225 \vspace{2.5\baselineskip}
14226 \else
14227 {\ifx\@date\@empty \else \if@RTL\raggedright\else\raggedleft\fi\fromplace\ \@date\par \fi}
14228 \vspace{1.5\baselineskip}
14229 \fi}
14230 \long\def\closing#1{\par\nobreak\vspace{0.5\baselineskip}
14231 \stopbreaks \noindent \sc@temp\textwidth \advance\sc@temp by

```

```

14232 -\sigindent \hspace{\sigindent}}%
14233 \parbox{\sc@temp}{\if@RTL\raggedleft\else\raggedright\fi\ignorespaces #1\mbox{}}\[\presig@ski
14234 \fromsig\strut}\par
14235 \vspace{1.5\baselineskip}}

```

7.100 scrreprt-xetex-bidi.def

```

14236 \ProvidesFile{scrreprt-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrreprt class for X
14237 \newcommand{\scr@saved@LTRfootnotetext}{}
14238 \newcommand{\scr@saved@RTLfootnotetext}{}
14239 \let\scr@saved@footnotetext\@footnotetext
14240 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
14241 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
14242 \renewcommand{\@footnotetext}[1]{%
14243   \scr@saved@footnotetext{#1}%
14244   \csname FN@mfp@prepare\endcsname
14245 }
14246 \renewcommand{\@LTRfootnotetext}[1]{%
14247   \scr@saved@LTRfootnotetext{#1}%
14248   \csname FN@mfp@prepare\endcsname
14249 }
14250 \renewcommand{\@RTLfootnotetext}[1]{%
14251   \scr@saved@RTLfootnotetext{#1}%
14252   \csname FN@mfp@prepare\endcsname
14253 }
14254 \renewcommand\deffootnote[4][1]{%
14255   \long\def\@makefnmark##1{%
14256     \setlength{\@tempdimc}{#3}%
14257     \def\@tempa{#1}\ifx\@tempa\@empty
14258       \setpar{\@par
14259         \@tempdima = \hsize
14260         \addtolength{\@tempdima}{-#2}%
14261         \if@RTL\parshape \@ne 0pt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14262     \else
14263       \addtolength{\@tempdimc}{#2}%
14264       \addtolength{\@tempdimc}{-#1}%
14265       \setpar{\@par
14266         \@tempdima = \hsize
14267         \addtolength{\@tempdima}{-#1}%
14268         \@tempdimb = \hsize
14269         \addtolength{\@tempdimb}{-#2}%
14270         \if@RTL\parshape \tw@ 0pt \@tempdima 0pt \@tempdimb\else\parshape \tw@ #1 \@tempdima #2 \@t
14271       }%
14272     \fi
14273     \par
14274     \parindent\@tempdimc\noindent
14275     \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
14276   }%
14277   \def\@makefnmark{\hbox{\ftn@font{#4}}}%
14278 }

```

```

14279 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
14280 \renewcommand*\left@footnoterule{%
14281   \normalsize\ftn@rule@test@values
14282   \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
14283   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14284   {\usekomafont{footnoterule}{%
14285     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
14286   \kern 2.6\p@}
14287 \renewcommand*\right@footnoterule{%
14288   \hbox to \columnwidth
14289   {\beginR \vbox{\kern -3\p@
14290     \normalsize\ftn@rule@test@values
14291     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
14292     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14293     {\usekomafont{footnoterule}{%
14294       \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
14295     \kern 2.6\p@}\hfil\endR}}
14296 \renewcommand*\maketitle[1][1]{%
14297   \if@titlepage
14298     \begin{titlepage}
14299       \setcounter{page}{%
14300         #1%
14301       }%
14302       \let\footnotesize\small
14303       \let\right@footnoterule\relax
14304       \let\left@footnoterule\relax
14305       \let\textwidth\footnoterule\relax
14306       \let\footnote\thanks
14307       \let\LTRfootnote\LTRthanks
14308       \let\RTLfootnote\RTLthanks
14309       \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14310       \let\@oldmakefnmark\@makefnmark
14311       \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
14312       \ifx\@extratitle\@empty \else
14313         \noindent\@extratitle\next@tpage\cleardoubleemptypage
14314         \thispagestyle{empty}%
14315       \fi
14316       \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14317       \ifx\@titlehead\@empty \else
14318         \begin{minipage}[t]{\textwidth}%
14319           \@titlehead
14320         \end{minipage}\par
14321       \fi
14322       \null\vfill
14323       \begin{center}
14324         \ifx\@subject\@empty \else
14325           {\subject@font \@subject \par}%
14326           \vskip 3em
14327         \fi
14328         {\titlefont\huge \@title\par}%

```

```

14329         \vskip 1em
14330     {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14331     \vskip 2em
14332     {\Large \lineskip 0.75em
14333     \begin{tabular}[t]{c}
14334         \@author
14335     \end{tabular}\par
14336     }%
14337     \vskip 1.5em
14338     {\Large \@date \par}%
14339     \vskip \z@ \@plus3fill
14340     {\Large \@publishers \par}%
14341     \vskip 3em
14342 \end{center}\par
14343 \@thanks
14344 \vfill\null
14345 \if@twoside\next@tpage
14346     \begin{minipage}[t]{\textwidth}
14347         \@uppertitleback
14348     \end{minipage}\par
14349     \vfill
14350     \begin{minipage}[b]{\textwidth}
14351         \@lowertitleback
14352     \end{minipage}
14353 \fi
14354 \ifx\@dedication\@empty \else
14355     \next@tpage\null\vfill
14356     {\centering \Large \@dedication \par}%
14357     \vskip \z@ \@plus3fill
14358     \if@twoside \next@tpage\cleardoubleemptypage \fi
14359 \fi
14360 \end{titlepage}
14361 \else
14362     \par
14363     \@tempcnta=%
14364     #1%
14365     \relax\ifnum\@tempcnta=1\else
14366         \ClassWarning{\KOMAClassName}{%
14367             Optional argument of \string\maketitle\space ignored
14368             at\MessageBreak
14369             notitlepage-mode%
14370         }%
14371     \fi
14372     \begingroup
14373         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14374         \let\oldmakefnmark\makefnmark
14375         \renewcommand*\@makefnmark{\rlap\oldmakefnmark}
14376         \if@twocolumn
14377             \ifnum \col@number=\@one
14378                 \@maketitle

```

```

14379         \else
14380             \twocolumn[\@maketitle]%
14381         \fi
14382     \else
14383         \newpage
14384         \global\@topnum\z@
14385         \@maketitle
14386     \fi
14387     \thispagestyle{\titlepagestyle}\@thanks
14388 \endgroup
14389 \fi
14390 \setcounter{footnote}{0}%
14391 \let\thanks\relax
14392 \let\LTRthanks\relax
14393 \let\RTLthanks\relax
14394 \let\maketitle\relax
14395 \let\@maketitle\relax
14396 \global\let\@thanks\@empty
14397 \global\let\@author\@empty
14398 \global\let\@date\@empty
14399 \global\let\@title\@empty
14400 \global\let\@subtitle\@empty
14401 \global\let\@extratitle\@empty
14402 \global\let\@titlehead\@empty
14403 \global\let\@subject\@empty
14404 \global\let\@publishers\@empty
14405 \global\let\@uppertitleback\@empty
14406 \global\let\@lowertitleback\@empty
14407 \global\let\@dedication\@empty
14408 \global\let\author\relax
14409 \global\let\title\relax
14410 \global\let\extratitle\relax
14411 \global\let\titlehead\relax
14412 \global\let\subject\relax
14413 \global\let\publishers\relax
14414 \global\let\uppertitleback\relax
14415 \global\let\lowertitleback\relax
14416 \global\let\dedication\relax
14417 \global\let\date\relax
14418 \global\let\and\relax
14419 }%
14420 \renewcommand*{\@maketitle}{%
14421     \clearpage
14422     \let\footnote\thanks
14423     \let\LTRfootnote\LTRthanks
14424     \let\RTLfootnote\RTLthanks
14425     \ifx\@extratitle\@empty \else
14426         \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
14427     \fi
14428     \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative

```

```

14429 \ifx\@titlehead\@empty \else
14430 \begin{minipage}[t]{\textwidth}
14431 \@titlehead
14432 \end{minipage}\par
14433 \fi
14434 \null
14435 \vskip 2em%
14436 \begin{center}%
14437 \ifx\@subject\@empty \else
14438 {\subject@font \@subject \par}
14439 \vskip 1.5em
14440 \fi
14441 {\titlefont\huge \@title \par}%
14442 \vskip .5em
14443 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14444 \vskip 1em
14445 {\Large
14446 \lineskip .5em%
14447 \begin{tabular}[t]{c}
14448 \@author
14449 \end{tabular}\par
14450 }%
14451 \vskip 1em%
14452 {\Large \@date \par}%
14453 \vskip \z@ \@plus 1em
14454 {\Large \@publishers \par}
14455 \ifx\@dedication\@empty \else
14456 \vskip 2em
14457 {\Large \@dedication \par}
14458 \fi
14459 \end{center}%
14460 \par
14461 \vskip 2em
14462 }%
14463 \renewcommand*\l@part[2]{%
14464 \ifnum \c@tocdepth >-2\relax
14465 \addpenalty{-\@highpenalty}%
14466 \addvspace{2.25em \@plus\p}%
14467 \setlength{\@tempdima}{2em}%
14468 \if@tocleft
14469 \ifx\toc@l@number\@empty\else
14470 \setlength{\@tempdima}{0\toc@l@number}%
14471 \fi
14472 \fi
14473 \begingroup
14474 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14475 \parfillskip -\@pnumwidth
14476 \leavevmode
14477 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
14478 \hskip -\if@RTL\rightskip\else\leftskip\fi

```

```

14479      {\usekomafont{partentry}{#1\nobreak
14480        \usekomafont{partentrypagenumber}{\hfil\nobreak
14481          \hb@xt@{\pnumwidth{\hss#2}}}\par
14482        \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14483        \endgroup
14484        \penalty20010
14485      \else
14486        \penalty\@highpenalty
14487      \endgroup
14488    \fi
14489  \fi
14490 }
14491 \renewcommand*\l@chapter[2]{%
14492   \ifnum \c@tocdepth >\m@ne
14493     \ifnum \lastpenalty<20010
14494       \addpenalty{-\@highpenalty}%
14495     \fi
14496     \vskip 1.0em \@plus\p@
14497     \setlength\@tempdima{1.5em}%
14498     \if@tocleft
14499       \ifx\toc@l@number\@empty\else
14500         \setlength\@tempdima{0\toc@l@number}%
14501       \fi
14502     \fi
14503     \begingroup
14504       \raggedchapterentry
14505     \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \pnumwidth
14506     \parfillskip -\pnumwidth
14507     \interlinepenalty\@M
14508     \leavevmode
14509     \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightskip
14510     {\usekomafont{chapterentry}{#1\nobreak
14511       \usekomafont{chapterentrypagenumber}{%
14512         \hfill\nobreak
14513         \hb@xt@{\pnumwidth{\hss#2}}}\par
14514       \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14515       \endgroup
14516       \penalty20009
14517     \else
14518       \penalty\@highpenalty
14519     \endgroup
14520   \fi
14521 \fi
14522 }
14523 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
14524 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
14525 \renewcommand*\thesection{%
14526   \thechapter\@SepMark%
14527   \@arabic\c@section
14528 }

```

```

14529 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
14530 \renewcommand*{\thesubsubsection}{%
14531   \thesubsection\@SepMark\@arabic\c@subsubsection
14532 }
14533 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
14534 \renewcommand*{\thesubparagraph}{%
14535   \theparagraph\@SepMark\@arabic\c@subparagraph
14536 }
14537 \renewcommand*\thefigure{%
14538   \thechapter\@SepMark%
14539   \@arabic\c@figure
14540 }
14541 \renewcommand*\thetable{%
14542   \thechapter\@SepMark%
14543   \@arabic\c@table
14544 }
14545 \renewcommand*\theequation{%
14546   \thechapter\@SepMark%
14547   \@arabic\c@equation
14548 }
14549 \renewenvironment{thebibliography}[1]{%
14550   \if@bib@break@
14551     \bib@beginhook
14552   \else
14553     \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
14554       \setchapterpreamble{\bibpreamble}%
14555     \fi\fi
14556     \bib@heading
14557     \bib@beginhook
14558     \bib@before@hook
14559   \fi
14560   \renewcommand{\BreakBibliography}[1]{%
14561     \@bib@break
14562     \end{thebibliography}%
14563     \begingroup ##1\endgroup
14564     \begin{thebibliography}{#1}
14565   }%
14566   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
14567   \list{%
14568     \@biblabel{\@arabic\c@enumiv}%
14569   }{%
14570     \settowidth\labelwidth{\@biblabel{#1}}%
14571     \leftmargin\labelwidth
14572     \advance\leftmargin\labelsep
14573     \@openbib@code
14574     \if@bib@break@
14575       \edef\@tempa{%
14576         \noexpand\usecounter{enumiv}%
14577         \noexpand\setcounter{enumiv}{\the\c@enumiv}%
14578       }\@tempa

```

```

14579     \no@bib@break
14580     \else
14581         \usecounter{enumiv}%
14582     \fi
14583     \let\p@enumiv\@empty
14584     \renewcommand*\theenumiv{\@arabic\c@enumiv}%
14585 }%
14586 \sloppy\clubpenalty4000 \widowpenalty4000
14587 \sfcode`\.=\@m
14588 }{%
14589 \if@bib@break@
14590     \def\@noitemerr{%
14591         \@latex@warning{%
14592             \string\BreakBibliography\space at begin of `thebibliography'
14593             environment\MessageBreak
14594             or following \string\BreakBibliography}%
14595     }%
14596 \else
14597     \def\@noitemerr{%
14598         \@latex@warning{%
14599             Empty `thebibliography' environment or
14600             \string\BreakBibliography\MessageBreak
14601             before end of `thebibliography' environment}%
14602     }%
14603 \fi
14604 \endlist
14605 \if@bib@break@
14606 \else
14607     \bib@after@hook
14608     \let\bib@before@hook\@empty
14609     \let\bib@after@hook\@empty
14610 \fi
14611 \bib@endhook
14612 }
14613 \renewcommand*\left@footnoterule{%
14614     \kern-3\p@
14615     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14616     \hrule\@width.4\columnwidth
14617     \kern 2.6\p@}
14618 \renewcommand*\right@footnoterule{%
14619     \hbox to \columnwidth
14620     {\beginR \vbox{%
14621         \kern-3\p@
14622         \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14623         \hrule\@width.4\columnwidth
14624         \kern 2.6\p@}\hfil\endR}}
14625 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
14626 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
14627 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
14628 \renewcommand\marginline[1]{%

```

```

14629 \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
14630 }
14631 \renewcommand{\@@makecaption}[3]{%
14632 \cap@margin
14633 \ifonelinecaptions
14634 \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14635 \let\scr@tmp@footnotetext=\@footnotetext
14636 \let\@footnotetext=\gobble
14637 \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
14638 \let\@LTRfootnotetext=\gobble
14639 \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14640 \let\@RTLfootnotetext=\gobble
14641 \sbox\@tempboxa{%
14642 {\capfont{\strut\ignorespaces
14643 #1{\caplabelfont{#2\captionformat}}}%
14644 #3\unskip\strut}}%
14645 }%
14646 \let\@footnotetext=\scr@tmp@footnotetext
14647 \let\scr@tmp@footnotetext=\undefined
14648 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14649 \let\scr@tmp@LTRfootnotetext=\undefined
14650 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14651 \let\scr@tmp@RTLfootnotetext=\undefined
14652 \setcounter{footnote}{\@tempcntb}%
14653 \setcounter{mpfootnote}{\@tempcnta}%
14654 \else
14655 \sbox\@tempboxa{\hspace*{2\cap@width}}%
14656 \fi
14657 \begingroup%
14658 \setlength{\@tempdima}{\cap@width}%
14659 \ifdim \wd\@tempboxa >\@tempdima
14660 \hb@xt@\hsize{%
14661 \setbox\@tempboxa\vbox{\hsize=\cap@width
14662 \ifdofullc@p
14663 {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
14664 #1{\caplabelfont{#2\captionformat}}}}}%
14665 {\#3\unskip\strut\par}}}%
14666 \else%
14667 \ifdim\cap@indent<\z@
14668 {\capfont{\strut\ignorespaces
14669 #1{\caplabelfont{#2\captionformat\par}}}%
14670 \noindent\hspace*{-\cap@indent}\#3\unskip\strut\par}}%
14671 \else%
14672 \if@capbreak
14673 {\capfont{\strut\ignorespaces
14674 #1{\caplabelfont{#2\captionformat\par}}}%
14675 \noindent\@hangfrom{\hspace*{\cap@indent}}{\#3\par}}}%
14676 \else
14677 {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}}%
14678 {\hspace*{-\cap@indent}\scr@smashdp{\ignorespaces#1%

```

```

14679         {{\caplabelfont{#2\captionformat}}}\#3\unskip\strut\par}}}%
14680         \fi
14681     \fi
14682 \fi
14683 }%
14684 \setlength{\@tempdima}{\ht\@tempboxa}%
14685 \addtolength{\@tempdima}{\dp\@tempboxa}%
14686 \addtolength{\@tempdima}{-\ht\strutbox}%
14687 \ht\@tempboxa\ht\strutbox
14688 \dp\@tempboxa\@tempdima
14689 \strut\cap@left
14690 \box\@tempboxa
14691 \cap@right\strut
14692 }%
14693 \else
14694 \global \@minipagefalse
14695 \sbox\@tempboxa{%
14696     {\capfont{\scr@smashdp{\strut\ignorespaces
14697         #1{{\caplabelfont{#2\captionformat}}}\#3}}}%
14698     #3}}}%
14699 }%
14700 {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\cap@right}}\fi
14701 \fi
14702 \endgroup
14703 }
14704 \renewcommand{\@makecaption}[2]{%
14705     \if@captionabove
14706         \vskip\belowcaptionskip
14707     \else
14708         \vskip\abovecaptionskip
14709     \fi
14710     \@@makecaption\@firstofone{#1}{#2}%
14711     \if@captionabove
14712         \vskip\abovecaptionskip
14713     \else
14714         \vskip\belowcaptionskip
14715     \fi
14716 }

```

7.101 sidecap-xetex-bidi.def

```

14717 \ProvidesFile{sidecap-xetex-bidi.def}[2010/08/01 v0.1 bidi adaptations for sidecap package for XeTeX]
14718 \renewcommand*{\SC@FLOAT}[2]{\if@RTL%
14719     \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2}} {\#2}\hspace{\sidecaptionsep}{#1}}\else%
14720 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1}} {\#1}\hspace{\sidecaptionsep}{#2}}\fi}
14721 \renewcommand*{\SC@justify@caption}{\if@RTL%
14722 \isSC@ODD{\RaggedLeft}{\RaggedRight}}\else%
14723 \isSC@ODD{\RaggedRight}{\RaggedLeft}}\fi}

```

7.102 stabular-xetex-bidi.def

```

14724 \ProvidesFile{stabular-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for stabular package for
14725 \def\@stabular{\if@RTL\@RTLtabtrue\fi
14726   \leavevmode \bgroup \if@RTLtab\beginR \fi
14727   \let\@acol\@tabacol
14728   \let\@classz\@tabclassz
14729   \let\@classiv\@tabclassiv \let\\\@tabularcrl\@stabarray}
14730 \def\endstabular{\crl\egroup\if@RTLtab\egroup\endR\egroup\fi
14731   \egroup \if@RTLtab\endR\fi\egroup
14732   \@RTLtabfalse}
14733 \expandafter \let \csname endstabular*\endcsname = \endstabular
14734 \def\@sarray[#1]#2{%
14735   \bgroup
14736   \setbox\@arstrutbox\hbox{%
14737     \vrule \@height\arraystretch\ht\strutbox
14738     \@depth\arraystretch \dp\strutbox
14739     \@width\z@}%
14740   \@mkpream{#2}%
14741   \edef\@preamble{%
14742     \ialign \noexpand\@halignto
14743       \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
14744   \let\@startpbox\@startpbox \let\@endpbox\@endpbox
14745   \let\@tabularnewline\%
14746   \let\@sharp##%
14747   \set@typeset@protect
14748   \lineskip\z@skip\baselineskip\z@skip
14749   \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
14750   \@preamble}

```

7.103 subfigure-xetex-bidi.def

```

14751 \ProvidesFile{subfigure-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for subfigure package for
14752 \AtBeginDocument{%
14753 \let\p@subfigure=\thefigure
14754 \let\p@subtable=\thetable%
14755 }

```

7.104 tabs-xetex-bidi.def

```

14756 \ProvidesFile{tabs-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for tabs package for XeTeX
14757 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup
14758   \@RTLtabfalse}
14759
14760 \expandafter\let\csname endtabular*\endcsname=\endtabular
14761
14762 \def\endarray{\ifvmode\csname crrl\endcsname % just do \crrl if \ given
14763   \else \[\z@ \global\advance\@arstdepth-\@otarlinesep]%
14764   \fi\egroup\if@RTLtab\egroup\endR\egroup\fi\@unrecurse\egroup}
14765
14766 \def\@array[#1]#2{% remember global variables to allow recursion:
14767   \edef\@unrecurse{\global\@skip@bove\the\@skip@bove
14768     \global\@arstheight\the\@arstheight\global\@arstdepth\the\@arstdepth}%

```

```

14769 \let\@otarlinesep\@tarlinesep \global\@skip@bove-\@otarlinesep
14770 \ifx\@classz\@arrayclassz \let\@tarlinesep\arraylinesep
14771 \else \let\@tarlinesep\tablinesep \fi
14772 \divide\@tarlinesep\tw@ % half sep is applied to height & depth
14773 \let\@seesize\relax \let\@rememsize\relax \mkpream{#2}%
14774 \@tempdima\arraystretch\ht\strutbox \@tempdimb\arraystretch\dp\strutbox
14775 \ifdim\@tarlinesep>\z@ % (need \protect for \multicolumn)
14776 \def\@rememsize{\protect\@r@m@msize}\let\@seesize\@s@size
14777 \advance\@tempdima-\@tarlinesep \advance\@tempdimb-\@tarlinesep
14778 \fi \setbox\@arstrutbox\hbox{% set up smaller strut
14779 \vrule \@height\@tempdima \@depth\@tempdimb \@width\z@}%
14780 \let\protect\noexpand
14781 \edef\@preamble{\ialign \noexpand\@halignto \bgroup
14782 \unhcopy\@arstrutbox \@preamble \tabskip\z@skip &\@sharp \cr}%
14783 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
14784 \if#1t\vtop \else \if#1b\ vbox \else \vcenter \fi\fi
14785 \bgroup \let\par\empty
14786 \global\@arstheight\ht\@arstrutbox \global\@arstdepth\dp\@arstrutbox
14787 \advance\extrarulesep.5\arrayrulewidth
14788 \let\@sharp#\let\protect\relax \lineskip\z@skip \baselineskip\z@skip
14789 \if@RTLtab\hbox\bgroup\beginR\ vbox\bgroup\fi
14790 \@preamble}

```

7.105 tabulary-xetex-bidi.def

```

14791 \ProvidesFile{tabulary-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tabulary package for
14792 \def\@testpach{\@chclass
14793 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
14794 \ifnum \@lastchclass=7 5 \else
14795 \ifnum \@lastchclass=8 \tw@ \else
14796 \ifnum \@lastchclass=9 \thr@@
14797 \else \z@
14798 \ifnum \@lastchclass = 10 \else
14799 \edef\@nextchar{\expandafter\string\@nextchar}%
14800 \@chnum
14801 \if \@nextchar c\z@ \else
14802 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
14803 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
14804 \if \@nextchar C7 \else
14805 \if \@nextchar L8 \else
14806 \if \@nextchar R9 \else
14807 \if \@nextchar J10 \else
14808 \z@ \@chclass
14809 \if\@nextchar |\@ne \else
14810 \if \@nextchar !6 \else
14811 \if \@nextchar @7 \else
14812 \if \@nextchar <8 \else
14813 \if \@nextchar >9 \else
14814 10
14815 \@chnum

```

```

14816 \if \@nextchar m\thr@@\else
14817 \if \@nextchar p4 \else
14818 \if \@nextchar b5 \else
14819 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi
14820 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi

```

7.106 titlesec-xetex-bidi.def

```

14821 \ProvidesFile{titlesec-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for titlesec package for
14822 \renewcommand\filright{%
14823 \gdef\ttl@filleft##1{\hskip##1}%
14824 \gdef\ttl@filright##1{\hfill}%
14825 \let\\\@centercr
14826 \advance\rightskip\z@ \@plus 1fil
14827 \parfillskip\z@}
14828 \def\ttlh@hang#1#2#3#4#5#6#7#8{%
14829 \gdef\ttl@makeline##1{\ttl@calc\hspace{#6}##1\ttl@calc\hspace{#7}}%
14830 \setlength\leftskip{#6}%
14831 \setlength\rightskip{#7}%
14832 \interlinepenalty\@M
14833 \ttl@changecentercr
14834 \ttl@beginlongest
14835 #1{\ifhmode\ttl@hmode@error\fi
14836 \ttl@glcmds
14837 \parindent\z@
14838 \leavevmode
14839 \begingroup
14840 \ifttl@label
14841 \sbox\z@{#2\strut\ttl@calc\hspace{#3}}%
14842 \ifRTL\advance\rightskip\wd\z@\else\advance\leftskip\wd\z@\fi
14843 \llap{\box\z@}%
14844 \fi
14845 #4{#8}%
14846 \kern\z@\strut\@par
14847 \endgroup
14848 \nobreak\ttl@midlongest#5\@par}%
14849 \ttl@endlongest}

```

7.107 titletoc-xetex-bidi.def

```

14850 \ProvidesFile{titletoc-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for titletoc package for
14851 \renewcommand\filright{%
14852 \gdef\ttl@filleft##1{\hskip##1}%
14853 \gdef\ttl@filright##1{\hfill}%
14854 \let\\\@centercr
14855 \advance\rightskip\z@ \@plus 1fil
14856 \parfillskip\z@}
14857 \renewcommand\contentspush[1]{%
14858 \sbox\z@{#1}%
14859 \xdef\ttl@b{\advance\ifRTL\rightskip\else\leftskip\fi\the\wd\z@}%
14860 \aftergroup\ttl@b

```

```

14861 \leavevmode\llap{\box\z@}
14862 \def\ttl@outnoblock#1#2#3{%
14863   \begingroup
14864   \ifnum\ttl@b>\ttl@a
14865     \nobreak
14866   \else\ifnum\ttl@b<\ttl@a
14867     \addpenalty{\@secpenalty}%
14868   \else
14869     \addpenalty{\z@}%
14870   \fi\fi
14871   \ttl@contentsstretch
14872   \nobreak
14873   \ifcase#1\relax\else\interlinepenalty\@M\fi
14874   \parindent\z@
14875   \ifx\@nil#2%
14876     \PackageError{titletoc}{Unimplemented}%
14877     {The optional argument is currently mandatory}%
14878   \else
14879     \if@RTL\setlength\rightskip{#2}\else
14880     \setlength\leftskip{#2}\fi%
14881   \fi
14882   \if@RTL\setlength\leftskip{\@pnumwidth}\else\setlength\rightskip{\@pnumwidth}\fi%
14883   \let\contentsmargin\ttl@margin
14884   \def\ttl@makeline##1{##1}%
14885   #3%
14886   \addtolength{\parfillskip}{-\ttl@corr}%
14887   \if@RTL\addtolength{\leftskip}{\ttl@corr}\else\addtolength{\rightskip}{\ttl@corr}\fi%
14888   \let\ttl@leaders\leaders}
14889 \renewcommand\ttl@margin[2][\z@]{%
14890   \def\ttl@corr{#1}%
14891   \advance\if@RTL\leftskip\else\rightskip\fi-\@pnumwidth\relax
14892   \advance\if@RTL\leftskip\else\rightskip\fi#2\relax
14893   \def\@pnumwidth{#2}}
14894 \let\ttl@savel@part\l@part
14895 \def\l@part{\ttl@lselect{part}}
14896
14897 \let\ttl@savel@chapter\l@chapter
14898 \def\l@chapter{\ttl@lselect{chapter}}

```

7.108 tocbibind-xetex-bidi.def

```

14899 \ProvidesFile{tocbibind-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for tocbibind package f
14900 \if@dotocbib
14901   \ifpackageloaded{natbib}{\% natbib not loaded
14902     \renewcommand{\bibsection}{\tcb@bchapsec}
14903     \renewenvironment{thebibliography}[1]{%
14904       \bibsection
14905       \begin{thebibitemlist}{#1}}{\end{thebibitemlist}}}
14906   \renewenvironment{thebibitemlist}[1]{
14907     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi

```

```

14908 \list{\@biblabel{\@arabic\c@enumiv}}%
14909     {\settowidth\labelwidth{\@biblabel{#1}}%
14910      \leftmargin\labelwidth
14911      \advance\leftmargin\labelsep
14912      \@openbib@code
14913      \usecounter{enumiv}%
14914      \let\p@enumiv\@empty
14915      \renewcommand\theenumiv{\@arabic\c@enumiv}}%
14916 \sloppy
14917 \clubpenalty4000
14918 \@clubpenalty \clubpenalty
14919 \widowpenalty4000%
14920 \sfcode`\.\@m}
14921 {\def\@noitemerr
14922  {\@latex@warning{Empty `thebibliography' environment}}}%
14923 \endlist}
14924
14925 \@ifpackagewith{chapterbib}{sectionbib}%
14926 {\renewcommand{\sectionbib}[2]{}}%
14927 {}
14928
14929 \fi
14930 \if@inltxdoc\else
14931 \renewenvironment{theindex}%
14932 {\if@twocolumn
14933  \@restonecolfalse
14934  \else
14935  \@restonecoltrue
14936  \fi
14937  \if@bibchapter
14938  \if@donumindex
14939  \refstepcounter{chapter}
14940  \twocolumn[\vspace*{2\topskip}%
14941    \@makechapterhead{\indexname}]}%
14942  \addcontentsline{toc}{chapter}{\protect\numberline{\thechapter}\indexname}
14943  \chaptermark{\indexname}
14944  \else
14945  \if@dotocind
14946  \twocolumn[\vspace*{2\topskip}%
14947    \@makeschapterhead{\indexname}]}%
14948  \prw@mkboth{\indexname}
14949  \addcontentsline{toc}{chapter}{\indexname}
14950  \else
14951  \twocolumn[\vspace*{2\topskip}%
14952    \@makeschapterhead{\indexname}]}%
14953  \prw@mkboth{\indexname}
14954  \fi
14955  \fi
14956 \else
14957 \if@donumindex

```

```

14958         \twocolumn[\vspace*{-1.5\topskip}%
14959             \@nameuse{\@tocextra}{\indexname}}%
14960         \csname \@tocextra mark\endcsname{\indexname}
14961     \else
14962         \if@dotocind
14963             \twocolumn[\vspace*{-1.5\topskip}%
14964                 \toc@headstar{\@tocextra}{\indexname}}%
14965             \prw@mkboth{\indexname}
14966             \addcontentsline{toc}{\@tocextra}{\indexname}
14967         \else
14968             \twocolumn[\vspace*{-1.5\topskip}%
14969                 \toc@headstar{\@tocextra}{\indexname}}%
14970             \prw@mkboth{\indexname}
14971         \fi
14972     \fi
14973 \fi
14974 \thispagestyle{plain}\parindent\z@
14975 \parskip\z@ \@plus .3\p@\relax
14976 \let\item\@idxitem}
14977 {\if@restonecol\onecolumn\else\clearpage\fi}
14978 \fi

```

7.109 tocloft-xetex-bidi.def

```

14979 \ProvidesFile{tocloft-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for tocloft package for X
14980 \let\cftdot\@SepMark
14981 \if@cfthaspart
14982 \renewcommand*{\l@part}[2]{
14983     \@cftdopartfalse
14984     \ifnum \c@tocdepth >-2\relax
14985         \if@cfthaschapter
14986             \@cftdoparttrue
14987         \fi
14988         \ifnum \c@tocdepth >\m@ne
14989             \if@cfthaschapter\else
14990                 \@cftdoparttrue
14991             \fi
14992         \fi
14993     \fi
14994     \if@cftdopart
14995         \if@cfthaschapter
14996             \addpenalty{-\@highpenalty}
14997         \else
14998             \addpenalty\@secpenalty
14999         \fi
15000     \addvspace{\cftbeforepartskip}
15001     \begingroup
15002     {\if@RTL\righskip\else\leftskip\fi \cftpartindent\relax
15003     \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15004     \parfillskip -\if@RTL\leftskip\else\righskip\fi

```

```

15005      \parindent \cftpartindent\relax\@afterindenttrue
15006      \interlinepenalty\@M
15007      \leavevmode
15008      \@tempdima \cftpartnumwidth\relax
15009      \let\@cftbsnum \cftpartpresnum
15010      \let\@cftasnum \cftpartaftersnum
15011      \let\@cftasnumb \cftpartaftersnumb
15012      \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightsk
15013      {\cftpartfont \cftpartpresnum #1}
15014      \cftpartfillnum{#2}}
15015      \nobreak
15016      \if@cfthaschapter
15017      \global\@nobreaktrue
15018      \everypar{\global\@nobreakfalse\everypar{}}
15019      \else
15020      \if@compatibility
15021      \global\@nobreaktrue
15022      \everypar{\global\@nobreakfalse\everypar{}}
15023      \fi
15024      \fi
15025      \endgroup
15026      \fi}
15027      \fi
15028      \if@cfthaschapter
15029      \renewcommand*{\l@chapter}[2]{
15030      \ifnum \c@tocdepth >\m@ne
15031      \addpenalty{-\@highpenalty}
15032      \vskip \cftbeforechapskip
15033      {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
15034      \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15035      \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15036      \parindent \cftchapindent\relax\@afterindenttrue
15037      \interlinepenalty\@M
15038      \leavevmode
15039      \@tempdima \cftchapnumwidth\relax
15040      \let\@cftbsnum \cftchappresnum
15041      \let\@cftasnum \cftchapaftersnum
15042      \let\@cftasnumb \cftchapaftersnumb
15043      \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15044      {\cftchapfont #1}\nobreak
15045      \cftchapfillnum{#2}}
15046      \fi}
15047      \fi
15048      \renewcommand*{\l@section}[2]{%
15049      \ifnum \c@tocdepth >\z@
15050      \if@cfthaschapter
15051      \vskip \cftbeforeseccskip
15052      \else
15053      \addpenalty\@secpenalty
15054      \addvspace{\cftbeforeseccskip}

```

```

15055 \fi
15056 {\if@RTL\rightrightskip\else\leftskip\fi \cftsecindent\relax
15057 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15058 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15059 \parindent \cftsecindent\relax\@afterindenttrue
15060 \interlinepenalty\@M
15061 \leavevmode
15062 \@tempdima \cftsecnumwidth\relax
15063 \let\@cftbsnum \cftsecpresnum
15064 \let\@cftasnum \cftsecaftersnum
15065 \let\@cftasnumb \cftsecaftersnumb
15066 \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightrightskip
15067 {\cftsecfont #1}\nobreak
15068 \cftsecfillnum{#2}}
15069 \fi}
15070 \renewcommand*{\l@section}[2]{%
15071 \ifnum \c@tocdepth >\@ne
15072 \vskip \cftbeforesubsecskip
15073 {\if@RTL\rightrightskip\else\leftskip\fi \cftsubsecindent\relax
15074 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15075 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15076 \parindent \cftsubsecindent\relax\@afterindenttrue
15077 \interlinepenalty\@M
15078 \leavevmode
15079 \@tempdima \cftsubsecnumwidth\relax
15080 \let\@cftbsnum \cftsubsecpresnum
15081 \let\@cftasnum \cftsubsecaftersnum
15082 \let\@cftasnumb \cftsubsecaftersnumb
15083 \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightrightskip
15084 {\cftsubsecfont #1}\nobreak
15085 \cftsubsecfillnum{#2}}
15086 \fi}
15087 \renewcommand*{\l@subsubsection}[2]{%
15088 \ifnum \c@tocdepth >\tw@
15089 \vskip \cftbeforesubsubsecskip
15090 {\if@RTL\rightrightskip\else\leftskip\fi \cftsubsubsecindent\relax
15091 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15092 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15093 \parindent \cftsubsubsecindent\relax\@afterindenttrue
15094 \interlinepenalty\@M
15095 \leavevmode
15096 \@tempdima \cftsubsubsecnumwidth\relax
15097 \let\@cftbsnum \cftsubsubsecpresnum
15098 \let\@cftasnum \cftsubsubsecaftersnum
15099 \let\@cftasnumb \cftsubsubsecaftersnumb
15100 \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightrightskip
15101 {\cftsubsubsecfont #1}\nobreak
15102 \cftsubsubsecfillnum{#2}}
15103 \fi}
15104 \renewcommand*{\l@paragraph}[2]{%

```

```

15105 \ifnum \c@tocdepth >3\relax
15106 \vskip \cftbeforeparaskip
15107 {\if@RTL\rightrightskip\else\leftskip\fi \cftparaindent\relax
15108 \if@RTL\leftskip\else\rightrightskip\fi \@tocrmarg
15109 \parfillskip -\if@RTL\leftskip\else\rightrightskip\fi
15110 \parindent \cftparaindent\relax\@afterindenttrue
15111 \interlinepenalty\@M
15112 \leavevmode
15113 \@tempdima \cftparanumwidth\relax
15114 \let\@cftbsnum \cftparapresnum
15115 \let\@cftasnum \cftparaaftersnum
15116 \let\@cftasnumb \cftparaaftersnumb
15117 \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightrightskip
15118 {\cftparafont #1}\nobreak
15119 \cftparafillnum{#2}}
15120 \fi}
15121 \renewcommand*{\l@subparagraph}[2]{%
15122 \ifnum \c@tocdepth >4\relax
15123 \vskip \cftbeforesubparaskip
15124 {\if@RTL\rightrightskip\else\leftskip\fi \cftsubparaindent\relax
15125 \if@RTL\leftskip\else\rightrightskip\fi \@tocrmarg
15126 \parfillskip -\if@RTL\leftskip\else\rightrightskip\fi
15127 \parindent \cftsubparaindent\relax\@afterindenttrue
15128 \interlinepenalty\@M
15129 \leavevmode
15130 \@tempdima \cftsubparanumwidth\relax
15131 \let\@cftbsnum \cftsubparapresnum
15132 \let\@cftasnum \cftsubparaaftersnum
15133 \let\@cftasnumb \cftsubparaaftersnumb
15134 \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightrightskip
15135 {\cftsubparafont #1}\nobreak
15136 \cftsubparafillnum{#2}}
15137 \fi}
15138 \renewcommand*{\l@figure}[2]{%
15139 \ifnum \c@lofdepth >\z@
15140 \vskip \cftbeforefigskip
15141 {\if@RTL\rightrightskip\else\leftskip\fi \cftfigindent\relax
15142 \if@RTL\leftskip\else\rightrightskip\fi \@tocrmarg
15143 \parfillskip -\if@RTL\leftskip\else\rightrightskip\fi
15144 \parindent \cftfigindent\relax\@afterindenttrue
15145 \interlinepenalty\@M
15146 \leavevmode
15147 \@tempdima \cftfignumwidth\relax
15148 \let\@cftbsnum \cftfigpresnum
15149 \let\@cftasnum \cftfigaftersnum
15150 \let\@cftasnumb \cftfigaftersnumb
15151 \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightrightskip
15152 {\cftfigfont #1}\nobreak
15153 \cftfigfillnum{#2}}
15154 \fi}

```

```

15155 }
15156 \renewcommand*{\l@table}[2]{%
15157 \ifnum\c@lotdepth >\z@
15158 \vskip \cftbeforetabskip
15159 {\if@RTL\righskip\else\leftskip\fi \cfttabindent\relax
15160 \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15161 \parfillskip -\if@RTL\leftskip\else\righskip\fi
15162 \parindent \cfttabindent\relax\@afterindenttrue
15163 \interlinepenalty\@M
15164 \leavevmode
15165 \@tempdima \cfttabnumwidth\relax
15166 \let\@cftbsnum \cfttabpresnum
15167 \let\@cftasnum \cfttabaftersnum
15168 \let\@cftasnumb \cfttabaftersnumb
15169 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righski
15170 {\cfttabfont #1}\nobreak
15171 \cfttabfillnum{#2}}
15172 \fi
15173 }
15174 \renewcommand{\@cftl@subfig}{
15175 \renewcommand*{\l@subfigure}[2]{%
15176 \ifnum \c@lofdepth > \toclevel@subfigure
15177 \vskip \cftbeforesubfigskip
15178 {\if@RTL\righskip\else\leftskip\fi \cftsubfigindent\relax
15179 \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15180 \parfillskip -\if@RTL\leftskip\else\righskip\fi
15181 \parindent \cftsubfigindent\relax\@afterindenttrue
15182 \interlinepenalty\@M
15183 \leavevmode
15184 \@tempdima \cftsubfignumwidth\relax
15185 \let\@cftbsnum \cftsubfigpresnum
15186 \let\@cftasnum \cftsubfigaftersnum
15187 \let\@cftasnumb \cftsubfigaftersnumb
15188 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righski
15189 {\cftsubfigfont ##1}\nobreak
15190 \cftsubfigfillnum{##2}}
15191 \fi
15192 }
15193 }
15194 \renewcommand{\@cftl@subtab}{
15195 \renewcommand*{\l@subtable}[2]{%
15196 \ifnum \c@lotdepth > \toclevel@subtable
15197 \vskip \cftbeforesubtabskip
15198 {\if@RTL\righskip\else\leftskip\fi \cftsubtabindent\relax
15199 \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15200 \parfillskip -\if@RTL\leftskip\else\righskip\fi
15201 \parindent \cftsubtabindent\relax\@afterindenttrue
15202 \interlinepenalty\@M
15203 \leavevmode
15204 \@tempdima \cftsubtabnumwidth\relax

```

```

15205 \let\@cftbsnum \cftsubtabpresnum
15206 \let\@cftasnum \cftsubtabaftersnum
15207 \let\@cftasnumb \cftsubtabaftersnumb
15208 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15209 {\cftsubtabfont ##1}\nobreak
15210 \cftsubtabfillnum{##2}}
15211 \fi
15212 }
15213 }
15214 \renewcommand{\newlistentry}[4][\@empty]{%
15215 \ifundefined{c@#2}{% check & set the counter
15216 \ifx \@empty#1\relax
15217 \newcounter{#2}
15218 \else
15219 \ifundefined{c@#1}{\PackageWarning{tocloft}%
15220 {#1 has no counter for use as a `within'}
15221 \newcounter{#2}}%
15222 {\newcounter{#2}[#1]%
15223 \expandafter\edef\csname the#2\endcsname{%
15224 \expandafter\noexpand\csname the#1\endcsname\@SepMark\noexpand\arabic{#2}}}
15225 \fi
15226 \setcounter{#2}{0}
15227 }
15228 {\PackageError{tocloft}{#2 has been previously defined}{\@eha}}
15229
15230 \@namedef{l@#2}##1##2{%
15231 \ifnum \@nameuse{c@#3depth} > #4\relax
15232 \vskip \@nameuse{cftbefore#2skip}
15233 {\if@RTL\rightskip\else\leftskip\fi \@nameuse{cft#2indent}\relax
15234 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15235 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15236 \parindent \@nameuse{cft#2indent}\relax\@afterindenttrue
15237 \interlinepenalty\@M
15238 \leavevmode
15239 \@tempdima \@nameuse{cft#2numwidth}\relax
15240 \expandafter\let\expandafter\@cftbsnum\csname cft#2presnum\endcsname
15241 \expandafter\let\expandafter\@cftasnum\csname cft#2aftersnum\endcsname
15242 \expandafter\let\expandafter\@cftasnumb\csname cft#2aftersnumb\endcsname
15243 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
15244 {\@nameuse{cft#2font}##1}\nobreak
15245 \@nameuse{cft#2fillnum}{##2}}
15246 \fi
15247 } % end of l@#2
15248
15249 \expandafter\newlength\csname cftbefore#2skip\endcsname
15250 \setlength{\@nameuse{cftbefore#2skip}}{\z@ \@plus .2\p@}
15251 \expandafter\newlength\csname cft#2indent\endcsname
15252 \expandafter\newlength\csname cft#2numwidth\endcsname
15253 \ifcase #4\relax % 0
15254 \setlength{\@nameuse{cft#2indent}}{0em}

```

```

15255 \setlength{\@nameuse{cft#2numwidth}}{1.5em}
15256 \or % 1
15257 \setlength{\@nameuse{cft#2indent}}{1.5em}
15258 \setlength{\@nameuse{cft#2numwidth}}{2.3em}
15259 \or % 2
15260 \setlength{\@nameuse{cft#2indent}}{3.8em}
15261 \setlength{\@nameuse{cft#2numwidth}}{3.2em}
15262 \or % 3
15263 \setlength{\@nameuse{cft#2indent}}{7.0em}
15264 \setlength{\@nameuse{cft#2numwidth}}{4.1em}
15265 \else % anything else
15266 \setlength{\@nameuse{cft#2indent}}{10.0em}
15267 \setlength{\@nameuse{cft#2numwidth}}{5.0em}
15268 \fi
15269 \@namedef{cft#2font}{\normalfont}
15270 \@namedef{cft#2presnum}{\}
15271 \@namedef{cft#2aftersnum}{\}
15272 \@namedef{cft#2aftersnumb}{\}
15273 \@namedef{cft#2dotsep}{\cftdotsep}
15274 \@namedef{cft#2leader}{\normalfont\cftdotfill{\@nameuse{cft#2dotsep}}}
15275 \@namedef{cft#2pagefont}{\normalfont}
15276 \@namedef{cft#2afterpnum}{\}
15277 \@namedef{toclevel@#2}{#4}
15278 \@namedef{cft#2fillnum}##1{%
15279 {\@nameuse{cft#2leader}}\nobreak
15280 \hb@xt@{\@pnumwidth}{\hfil\@nameuse{cft#2pagefont}##1}\@nameuse{cft#2afterpnum}\par}
15281 } % end \newlistentry
15282 \renewcommand{\cftchapterprecistoc}[1]{\addtocontents{toc}{%
15283 {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
15284 \advance\if@RTL\rightskip\else\leftskip\fi \cftchapnumwidth\relax
15285 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg\relax
15286 \textit{#1}\protect\par}}}}

```

7.110 tocstyle-xetex-bidi.def

```

15287 \ProvidesFile{tocstyle-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tocstyle package for
15288 \renewcommand*{\tocstyle@dottedtocline}[5]{%
15289 \let\numberline\tocstyle@numberline
15290 \ifnum #1>\c@tocdepth \else
15291 \if@tocstyle@penalties
15292 \begingroup
15293 \@tempcnta 20010
15294 \advance \@tempcnta by -#1
15295 \ifnum \@tempcnta>\lastpenalty
15296 \aftergroup\penalty\aftergroup\@lowpenalty
15297 \fi
15298 \endgroup
15299 \fi
15300 \edef\tocstyledepth{#1}%
15301 \tocstyle@activate@features

```

```

15302 \ifx\tocstyle@feature@entryvskip\relax
15303 \vskip \z@ \@plus.2\p@
15304 \else
15305 \addvspace{\tocstyle@feature@entryvskip}%
15306 \fi
15307 {%
15308 \parskip \z@ \parindent \z@ \if@RTL\rightskip\else\leftskip\fi \z@ \if@RTL\leftskip\else\rightskip\fi
15309 \tocstyle@feature@raggedhook
15310 \@tempdima #3\relax
15311 \@tempdimb #2\relax
15312 \typeout{m (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15313 \ifnum #1>\z@\relax
15314 \@tempcnta #1\relax \advance\@tempcnta \m@ne
15315 \ifcsname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15316 \ifcsname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15317 \@tempdimb
15318 \csname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15319 \advance\@tempdimb
15320 \csname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15321 \fi
15322 \fi
15323 \fi
15324 \typeout{C (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15325 \ifcsname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname
15326 \ifdim \@tempdimb>
15327 \csname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname\relax
15328 \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15329 @#1\endcsname{\the\@tempdimb}%
15330 \fi
15331 \else
15332 \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15333 @#1\endcsname{\the\@tempdimb}%
15334 \fi
15335 \iftocstyle@autolength
15336 \ifcsname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15337 \@tempdimb \csname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15338 \relax
15339 \fi
15340 \ifcsname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
15341 \@tempdima \csname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
15342 \relax
15343 \fi
15344 \typeout{a (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15345 \typeout{A (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15346 \else
15347 \@tempdimb #2\relax
15348 \typeout{M (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15349 \fi
15350 \ifcsname tocstyle@unumwidth@\tocstyleTOC @\endcsname
15351 \ifdim \@tempdima>

```

```

15352         \csname tocstyle@unumwidth@\tocstyleTOC @\endcsname\relax
15353         \expandafter\edef\csname tocstyle@unumwidth@\tocstyleTOC
15354             @\endcsname{\the\@tempdima}%
15355     \fi
15356 \else
15357     \expandafter\edef\csname tocstyle@unumwidth@\tocstyleTOC
15358         @\endcsname{\the\@tempdima}%
15359 \fi
15360 \ifcase\tocstyle@indentstyle\relax\else
15361     \@tempdimb \z@
15362     \ifcsname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15363     \@tempdima \csname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15364         \relax
15365     \fi
15366     \typeout{s (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15367     \typeout{S (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15368 \fi
15369 \advance\parindent \@tempdimb\@afterindenttrue
15370 \advance\if@RTL\rightskip\else\leftskip\fi \parindent
15371 \advance\if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15372 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15373 \ifx\tocstyle@feature@parfillskip\relax\else
15374     \advance\parfillskip \tocstyle@feature@parfillskip\relax
15375 \fi
15376 \interlinepenalty\@M
15377 \leavevmode
15378 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
15379 \null\nobreak
15380 \iftocstyle@indentnotnumbered\else
15381     \hskip -\if@RTL\rightskip\else\leftskip\fi
15382 \fi
15383 \tocstyle@feature@entryhook
15384 {#4}\nobreak
15385 \ifx\tocstyle@feature@leaders\relax
15386     \leaders\hbox{$\m@th
15387         \mkern \@dotsep mu\hbox{\tocstyle@feature@dothook .}%
15388         \mkern \@dotsep mu$}\hfill
15389 \else
15390     \tocstyle@feature@leaders
15391 \fi
15392 \nobreak
15393 \ifx\tocstyle@feature@pagenumberbox\relax
15394     \hb@xt@\@pnumwidth{\hfil\tocstyle@feature@pagenumberhook #5}%
15395 \else
15396 \tocstyle@feature@pagenumberbox{\tocstyle@feature@pagenumberhook #5}%
15397 \fi
15398 \par
15399 }%
15400 \if\tocstyle@penalties
15401     \bgroup

```

```

15402      \@tempcnta 20009
15403      \advance\@tempcnta by -#1
15404      \edef\reserved@a{\egroup\penalty\the\@tempcnta\relax}%
15405      \reserved@a
15406      \fi
15407    \fi}
15408 \renewcommand*{\tocstyle@numberline}[1]{%
15409   \begingroup
15410     \ifx\tocstyle@feature@spaceafternumber\relax
15411       \settowidth\@tempdima{\tocstyle@numberline{#1}\enskip}%
15412     \else
15413       \settowidth\@tempdima{\tocstyle@numberline{#1}}%
15414       \advance \@tempdima \tocstyle@feature@spaceafternumber\relax
15415     \fi
15416     \ifcsname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname
15417       \ifdim \@tempdima >
15418         \csname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname\relax
15419         \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
15420           @\tocstyledepth\endcsname{\the\@tempdima}%
15421       \fi
15422     \else
15423       \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
15424         @\tocstyledepth\endcsname{\the\@tempdima}%
15425     \fi
15426   \endgroup
15427   \iftocstyle@indentnotnumbered
15428     \hskip -\if@RTL\rightskip\else\leftskip\fi
15429   \fi
15430   \ifcase \tocstyle@indentstyle
15431     \hb@xt@\@tempdima{\tocstyle@numberline{#1}\hfil}%
15432   \or
15433     \hb@xt@\@tempdima{\tocstyle@numberline{#1}\hfil}%
15434   \else
15435     \ifx\tocstyle@feature@spaceafternumber\relax
15436       \hbox{\tocstyle@numberline{#1}\enskip}%
15437     \else
15438       \hbox{\tocstyle@numberline{#1}\hskip
15439         \tocstyle@feature@spaceafternumber\relax}%
15440     \fi
15441   \fi
15442 }
15443 \AtBeginDocument{%
15444   \ifcsname l@part\endcsname
15445     \ifcsname l@chapter\endcsname
15446       \setbox\@tempboxa\vbox{\hsize\maxdimen
15447         \l@part{\tocstyle@l@define{part}{-1}}{}}%
15448     \else
15449       \setbox\@tempboxa\vbox{\hsize\maxdimen
15450         \l@part{\tocstyle@l@define{part}{0}}{}}%
15451     \fi

```

```

15452 \fi
15453 \ifcsname l@chapter\endcsname
15454   \setbox\@tempboxa\vbox{\hsize\maxdimen
15455     \l@chapter{\tocstyle@l@define{chapter}{0}}{}}%
15456 \fi
15457 \ifcsname l@section\endcsname
15458   \setbox\@tempboxa\vbox{\hsize\maxdimen
15459     \l@section{\tocstyle@l@define{section}{1}}{}}%
15460 \fi
15461 \ifcsname l@subsection\endcsname
15462   \setbox\@tempboxa\vbox{\hsize\maxdimen
15463     \l@subsection{\tocstyle@l@define{subsection}{2}}{}}%
15464 \fi
15465 \ifcsname l@subsubsection\endcsname
15466   \setbox\@tempboxa\vbox{\hsize\maxdimen
15467     \l@subsubsection{\tocstyle@l@define{subsubsection}{3}}{}}%
15468 \fi
15469 \ifcsname l@paragraph\endcsname
15470   \setbox\@tempboxa\vbox{\hsize\maxdimen
15471     \l@paragraph{\tocstyle@l@define{paragraph}{4}}{}}%
15472 \fi
15473 \ifcsname l@subparagraph\endcsname
15474   \setbox\@tempboxa\vbox{\hsize\maxdimen
15475     \l@subparagraph{\tocstyle@l@define{subparagraph}{5}}{}}%
15476 \fi
15477 \ifcsname l@table\endcsname
15478   \setbox\@tempboxa\vbox{\hsize\maxdimen
15479     \l@table{\tocstyle@l@define{table}{1}}{}}%
15480 \fi
15481 \ifcsname l@figure\endcsname
15482   \setbox\@tempboxa\vbox{\hsize\maxdimen
15483     \l@figure{\tocstyle@l@define{figure}{1}}{}}%
15484 \fi
15485 \def\@tempa#1#2#3#4#5{%
15486   \ifnum #1>\c@tocdepth \else
15487     \vskip \z@ \@plus.2\p@
15488     {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15489       \parindent #2\relax\@afterindenttrue
15490       \interlinepenalty\@M
15491       \leavevmode
15492       \@tempdima #3\relax
15493       \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righskip
15494       {#4}\nobreak
15495       \leaders\hbox{$\m@th
15496         \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
15497         mu$}\hfill
15498       \nobreak
15499       \hb@xt@\@pnumwidth{{\hfil \normalfont \normalcolor #5}}%
15500       \par}%
15501 \fi}%

```

```

15502 \ifx\@dottedtocline\@tempa\else
15503   \tocstyle@macrochangewarning\@dottedtocline
15504 \fi
15505 \let\tocstyle@saved@dottedtocline\@dottedtocline
15506 \def\@tempa#1{\hb@xt@\@tempdima{#1\autodot\hfil}}%
15507 \ifx\numberline\@tempa\else
15508   \def\@tempa#1{\hb@xt@\@tempdima{#1\hfil}}%
15509   \ifx\numberline\@tempa\else
15510     \tocstyle@macrochangewarning\numberline
15511   \fi
15512 \fi
15513 \let\tocstyle@saved@numberline\numberline
15514 }
15515 \renewcommand*{\tocstyle@l@define}[2]{%
15516   \advance\if@RTL\rightskip\else\leftskip\fi-\@tempdima
15517   \edef\@tempa{%
15518     \noexpand\global\noexpand\let
15519     \expandafter\noexpand\csname tocstyle@saved@l@#1\endcsname
15520     \expandafter\noexpand\csname l@#1\endcsname
15521     \noexpand\gdef
15522     \expandafter\noexpand\csname tocstyle@l@#1\endcsname{%
15523       \noexpand\@dottedtocline{#2}{\the\if@RTL\rightskip\else\leftskip\fi}{\the\@tempdima}}%
15524       \noexpand\g@addto@macro\noexpand\tocstyle@activate@all@l{%
15525         \noexpand\let\expandafter\noexpand\csname l@#1\endcsname
15526         \expandafter\noexpand\csname tocstyle@l@#1\endcsname
15527       }%
15528     }%
15529   \PackageInfo{tocstyle}{prepare \expandafter\string
15530     \csname l@#1\endcsname\space for redefinition}%
15531   \@tempa
15532 }

```

7.111 wrapfig-xetex-bidi.def

```

15533 \ProvidesFile{wrapfig-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for wrapfig package for X
15534 \let\WF@everypar\bidi@n@everypar
15535 \def\WF@putfigmaybe{%
15536 \ifinner
15537   \vskip-\parskip \global\WF@floatfalse
15538   \let\pagetotal\maxdimen % kludge flag for "not top of page"
15539 \else % outer page
15540   \@tempdima\pagedepth % save page depth
15541   {\advance\parskip\if@RTL\baselineskip\else\@tempdima\fi\vskip-\parskip}% back up to baseline
15542   \penalty\interlinepenalty % update pg. parameters
15543   \@tempdimb\pagegoal \advance\@tempdimb-\pagetotal % room left on page
15544   \ifdim\@tempdimb<\z@ % \WF@info{Page overfull already;}%
15545     \global\WF@floatfalse
15546     \ifdim-\@tempdimb>\pageshrink \else \pagebreak \fi
15547   \else
15548     \ifdim\WF@size>\@tempdimb

```

```

15549     \ifWF@float \dimen@.5\baselineskip \else \dimen@ 2\baselineskip\fi
15550     \ifdim\pagestretch>\dimen@ \dimen@\pagestretch \fi
15551     \ifdim\pagefilstretch>\z@ \dimen@\@tempdimb \fi
15552     \ifdim\pagefillstretch>\z@ \dimen@\@tempdimb \fi
15553     \advance\dimen@.5\baselineskip
15554     \ifdim\dimen@>\@tempdimb % \WF@info{Page nearly full; can stretch}%
15555     \global\WF@floatfalse \pagebreak
15556     \fi
15557     \else % \WF@info{Fits in \the\@tempdimb;}%
15558     \global\WF@floatfalse
15559     \fi\fi
15560     \vskip\@tempdima\relax % (return erased page depth)
15561 \fi
15562 \noindent
15563 \ifWF@float
15564   \WF@fltmes
15565 \else % putting here;
15566   \WF@info{Put \WF@wfname here;}%
15567   {\ifodd\if@twoside\c@page\else\@ne\fi % assign l/r to i/o placement
15568     \lccode~\l\lccode~\o~\r\else \lccode~\i~\r\lccode~\o~\l\fi
15569     \xdef\WF@place{\the\lccode\lccode\WF@place}}% twice to get only l or r
15570   \hbox to\z@{% llap or rlap depending on {l} or {r}; calc effective width
15571     \@tempdima\wd\WF@box \@tempdimb\WF@ovh
15572     \advance\@tempdima-\@tempdimb \advance\@tempdima\columnsep
15573     \@tempdimb\hsize \advance\@tempdimb-\@tempdima
15574     \xdef\WF@adjlw{\the\@tempdima}%
15575     \ifnum \l=\WF@place % fig on left
15576     \if@RTL%
15577       \kern\@tempdimb \kern\columnsep
15578       \def\@tempa{\hss}% position to left of the gap
15579       \else%
15580       \hss % figure overlaps space to the left
15581       \def\@tempa{\kern\columnsep}% position to left of the gap
15582       \fi%
15583     \else % fig on right
15584     \if@RTL%
15585       \hss
15586       \@tempdima\z@
15587       \def\@tempa{\kern\columnsep}
15588       \else%
15589       \@tempdima\z@ % no left indentation
15590       \kern\@tempdimb \kern\columnsep
15591       \def\@tempa{\hss}% figure overlaps space to the right
15592       \fi%
15593     \fi
15594     \ifdim\@tempdimb<\hsize
15595     \xdef\WF@wrapil{\the\@tempdima \the\@tempdimb}% indentation and length
15596     \xdef\WF@adjtlm{\the\@tempdima}%
15597     \else
15598     \xdef\WF@wrapil{\z@ \the\hsize}%

```

```

15599 \xdef\WF@adjlw{\z@}\xdef\WF@adjtlm{\z@}%
15600 \fi
15601 \ifdim\pagetotal=\z@ % \WF@info{Put \WF@wfname at top of p.\thepage}%
15602 \global\advance\WF@size-\intextsep
15603 \else % \WF@info{Putting \WF@wfname in middle of page}%
15604 \setbox\WF@box\hbox{\lower\intextsep\box\WF@box}%
15605 \fi \dp\WF@box\z@ \box\WF@box \@tempa
15606 }% end \hbox to Opt
15607 \aftergroup\WF@startwrapping % after the \endgroup which immediately follows
15608 \fi}

```

7.112 xcolor-xetex-bidi.def

```

15609 \ProvidesFile{xcolor-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for xcolor package for XeT
15610 \long\def\color@b@x#1#2#3%
15611 {\leavevmode\ifmmode\else\ifRTL\beginL\fi\fi
15612 \setbox\z@\hbox{\kern\fbboxsep\set@color\ifRTL\beginR\fi#3\ifRTL\endR\fi}\kern\fbboxsep}%
15613 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
15614 \dimen@dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
15615 {\#1{\#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}\box\z@}}\ifmmode\else\ifRTL\endL\fi\fi}
15616 \def\normalcolor{\let\current@color\default@color\ifhmode\ifRTL\beginL\aftergroup\endR\fi\fi
15617 \DeclareRobustCommand\color
15618 {\ifhmode\ifRTL\beginL\aftergroup\endR\fi\fi@ifnextchar[\@undeclaredcolor\@declaredcolor}
15619 \def\@undeclaredcolor[#1]#2%
15620 {\begingroup
15621 \let\@ccls\@empty
15622 \XC@getmodclr12{#1}{#2}{}%
15623 {\ifblendcolors
15624 \ifx\colorblend\@empty\else
15625 \edef\@mix{\expandafter\@gobble\colorblend}\@tempwafalse
15626 \XC@coremodel\@mod\@clr\@xcolor@{}{}\@mod\@clr
15627 \fi
15628 \fi
15629 \ifconvertcolorsU
15630 \edef\@tmp{\XC@tgt@mod{\@mod}}%
15631 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
15632 \fi
15633 \ifmaskcolors
15634 \convertcolorspec\@mod\@clr\XC@mmod\@clr
15635 \let\@mod\XC@mmod
15636 \XC@inflate\@mod\XC@mclr\@clr\@tmp
15637 \expandafter\XC@mul\@tmp,\@clr
15638 \fi
15639 \edef\@tmp{\noexpand\XC@undeclaredcolor{\@mod}{\@clr}}%
15640 \expandafter\endgroup\@tmp}}
15641 \def\@declaredcolor#1%
15642 {\XC@edef\XC@tmp{#1}\XC@@tstfalse
15643 \ifcase\XC@type\XC@tmp\relax \XC@@tsttrue\or \relax\else
15644 \ifblendcolors\XC@tsttrue\fi \ifmaskcolors\XC@tsttrue\fi
15645 \ifconvertcolorsU\XC@tsttrue\fi

```

```

15646 \fi
15647 \ifXC@tst
15648 \expandafter\XC@declaredcolor\else
15649 \expandafter\XC@declaredcolor\fi}
15650 \def\XC@undeclaredcolor#1#2%
15651 {\ifundefinedmodel{#1}%
15652 {\color@error{model `#1'}}%
15653 {\@nameuse{color@#1}\current@color{#2}%
15654 \edef\XC@current@color{\noexpand\xcolor@{\current@color}{#1}{#2}}%
15655 \XC@display}\ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
15656 \def\XC@declaredcolor
15657 {\XC@let\NC\XC@current@color{\string\color@\XC@tmp}%
15658 \edef\current@color{\XC@current@color}%
15659 \XC@display\ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
15660 \DeclareRobustCommand\bidicolor
15661 {\ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}
15662 \def\@bidiundeclaredcolor[#1]#2%
15663 {\begingroup
15664 \let\@cls\@empty
15665 \XC@getmodclr12{#1}{#2}{}%
15666 {\ifblendcolors
15667 \ifx\colorblend\@empty\else
15668 \edef\@mix{\expandafter\gobble\colorblend}\@tempwafalse
15669 \XC@coremodel\@mod\@clr\xcolor@{\}\@mod\@clr
15670 \fi
15671 \fi
15672 \ifconvertcolorsU
15673 \edef\@tmp{\XC@tgtmod{\@mod}}%
15674 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
15675 \fi
15676 \ifmaskcolors
15677 \convertcolorspec\@mod\@clr\XC@mmod\@clr
15678 \let\@mod\XC@mmod
15679 \XC@inflate\@mod\XC@mclr\@clr\@tmp
15680 \expandafter\XC@mul\@tmp,\@clr
15681 \fi
15682 \edef\@tmp{\noexpand\XC@bidiundeclaredcolor{\@mod}{\@clr}}%
15683 \expandafter\endgroup\@tmp}}
15684 \def\XC@bidiundeclaredcolor#1#2%
15685 {\ifundefinedmodel{#1}%
15686 {\color@error{model `#1'}}%
15687 {\@nameuse{color@#1}\current@color{#2}%
15688 \edef\XC@current@color{\noexpand\xcolor@{\current@color}{#1}{#2}}%
15689 \XC@display}}
15690 \def\@bidideclaredcolor#1%
15691 {\XC@edef\XC@tmp{#1}\XC@tstfalse
15692 \ifcase\XC@type\XC@tmp\relax \XC@tsttrue\or \relax\else
15693 \ifblendcolors\XC@tsttrue\fi \ifmaskcolors\XC@tsttrue\fi
15694 \ifconvertcolorsU\XC@tsttrue\fi
15695 \fi

```

```

15696 \ifXC@@tst
15697 \expandafter\XC@bidideclaredcolor\else
15698 \expandafter\XC@bidideclaredcolor\fi}
15699 \def\XC@bidideclaredcolor
15700 {\XC@split\XC@@tmp
15701 \edef\@tmp{\noexpand\@bidiundeclaredcolor[\@mod]{\@clr}}}%
15702 \expandafter\endgroup\@tmp}
15703 \def\XC@bidideclaredcolor
15704 {\XC@let\NC\XC@current@color{\string\color@\XC@@tmp}}%
15705 \edef\current@color{\XC@current@color}%
15706 \XC@display}
15707 \def\color@box#1#2{\color@bex\relax{\bidicolor#1{#2}}}
15708 \def\color@fbbox#1#2#3{\protect\color@fbx{#1}{#2}{#3}}
15709 \def\color@fbbox#1#2#3#4%
15710 {\color@bex{\fbboxsep\z@\bidicolor#1{#2}\XC@fbbox}%
15711 {\@ifxempty{#3}{\bidicolor#1}{\bidicolor#3}{#4}}}
15712 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

7.113 latex-xetex-bidi.def

```

15713 \ProvidesFile{latex-xetex-bidi.def}[2013/09/22 v1.1.4 bidi adaptations for `latex.ltx' for XeTeX]
15714 \newcommand{\TeXXeTOn}{\TeXXeTstate=1 }
15715 \newcommand{\TeXXeTOff}{\TeXXeTstate=0 }
15716 \TeXXeTOn
15717 \def\bidi@RTL@everypar{\if@RTL{\setbox\z@lastbox\begingroup\ifvoid\z@else\usebox\z@\fi}\fi}
15718 \let\bidi@o@everypar=everypar
15719 \newtoks\bidi@n@everypar
15720 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
15721 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
15722 \let\everypar=\bidi@n@everypar
15723 \def\moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
15724 \def\moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
15725 \protected\def\hboxR{\hbox\bgroup
15726 \everyhbox{%
15727 \aftergroup\egroup
15728 \everyhbox{}}%
15729 \beginR
15730 \bgroup
15731 \aftergroup\endR
15732 \aftergroup\egroup
15733 }\hbox}
15734 \protected\def\hboxL{\hbox\bgroup
15735 \everyhbox{%
15736 \aftergroup\egroup
15737 \everyhbox{}}%
15738 \beginL
15739 \bgroup
15740 \aftergroup\endL
15741 \aftergroup\egroup
15742 }\hbox}

```

```

15743 \protected\def\ vboxR{\ vbox\bgroup
15744 \everyvbox{%
15745 \aftergroup\egroup
15746 \everyvbox{}}%
15747 \@RTLtrue
15748 \bgroup
15749 \aftergroup\egroup
15750 }\ vbox}
15751 \protected\def\ vboxL{\ vbox\bgroup
15752 \everyvbox{%
15753 \aftergroup\egroup
15754 \everyvbox{}}%
15755 \@RTLfalse
15756 \bgroup
15757 \aftergroup\egroup
15758 }\ vbox}
15759 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab\
15760 \def\endLTR{\par}
15761 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
15762 \def\endRTL{\par}
15763 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
15764 \def\setLTR{\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab\
15765 \let\unsetRTL=\setLTR
15766 \let\unsetLTR=\setRTL
15767 \let\LR=\LRE
15768 \let\RL=\RLE
15769 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
15770 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
15771 \let\@ensure@RL=\@ensure@RTL
15772 \let\@ensure@LR=\@ensure@LTR
15773 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
15774 \let\@ensure@maindir=\@ensure@dir
15775 \def\@@RTL{RTL}
15776 \def\@@LTR{LTR}
15777 \def\save@dir{\if@RTL\gdef\saved@@dir{RTL}\else\gdef\saved@@dir{LTR}\fi}
15778 \def\reset@dir{\ifx\saved@@dir\@@RTL\setRTL\else\ifx\saved@@dir\@@LTR\setLTR\else\relax\fi\fi}
15779 \let\@@TeX\TeX
15780 \def\TeX{\@ensure@LTR{\@@TeX}}
15781 \let\@@LaTeX\LaTeX
15782 \def\LaTeX{\@ensure@LTR{\@@LaTeX}}
15783 \let\@@LaTeXe\LaTeXe
15784 \def\LaTeXe{\@ensure@LTR{\@@LaTeXe}}
15785 \long\def\ bidi@reflect@box#1{%
15786 \leavevmode
15787 \setbox\z@\hbox{{#1}}%
15788 \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}%
15789 \hb@xt@\wd\z@{\kern\wd\z@\box\tw@\hss}%
15790 }
15791 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
15792 \hbox{\kern-.125em\ bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}

```

```

15793 \def\XeLaTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
15794 \hbox{\kern-.125em\bidireflect@box{E}}\kern-.1667em \LaTeX}}$}}
15795 \let\setRL=\setRTL
15796 \let\setLR=\setLTR
15797 \let\unsetRL=\setLTR
15798 \def\RTLcases#1{\left.\vcenter{\normalbaselines\m@th
15799 \ialign{###\hfil$&\quad{##}\hfil\crr#1\crr}}\,\right\}}
15800 \def\SepMark#1{\gdef\@SepMark{\if@RTL\fi#1\if@RTL\fi}}
15801 \SepMark{.}
15802 \def\thmcountersep{\@SepMark}
15803 \def\setRTLbibitems{\@RTLbibitemstrue\@LTRbibitemsfalse}
15804 \def\setLTRbibitems{\@LTRbibitemstrue\@RTLbibitemsfalse}
15805 \def\setdefaultbibitems{\@RTLbibitemsfalse\@LTRbibitemsfalse}
15806 \def\list#1#2{%
15807 \ifnum \@listdepth >5\relax
15808 \toodeep
15809 \else
15810 \global\advance\@listdepth\@ne
15811 \fi
15812 \rightmargin\z@
15813 \listparindent\z@
15814 \itemindent\z@
15815 \csname @listromannumeral\the\@listdepth\endcsname
15816 \def\@itemlabel{#1}%
15817 \let\makelabel\@mklab
15818 \@nmbrlistfalse
15819 #2\relax
15820 \@trivlist
15821 \parskip\parsep
15822 \parindent\listparindent
15823 \advance\linewidth -\rightmargin
15824 \advance\linewidth -\leftmargin
15825 \if@bidi@list@minipage@parbox
15826 \if@RTL
15827 \advance\@totalleftmargin \leftmargin
15828 \else
15829 \advance\@totalleftmargin \rightmargin
15830 \fi
15831 \else
15832 \if@RTLtab
15833 \if@bidi@list@minipage@parbox@not@nob
15834 \if@RTL
15835 \advance\@totalleftmargin \rightmargin
15836 \else
15837 \advance\@totalleftmargin \leftmargin
15838 \fi
15839 \else
15840 \if@RTL
15841 \advance\@totalleftmargin \leftmargin
15842 \else

```

```

15843 \advance\@totalleftmargin \rightmargin
15844 \fi\fi
15845 \else
15846 \if@RTL
15847 \advance\@totalleftmargin \rightmargin
15848 \else
15849 \advance\@totalleftmargin \leftmargin
15850 \fi\fi\fi
15851 \parshape \@ne \@totalleftmargin \linewidth
15852 \ignorespaces}
15853 \def\@item[#1]{%
15854 \if@noparitem
15855 \@donoparitem
15856 \else
15857 \if@inlabel
15858 \indent \par
15859 \fi
15860 \ifhmode
15861 \unskip\unskip \par
15862 \fi
15863 \if@newlist
15864 \if@nobreak
15865 \@nbitem
15866 \else
15867 \addpenalty\@beginparpenalty
15868 \addvspace\@topsep
15869 \addvspace{-\parskip}%
15870 \fi
15871 \else
15872 \addpenalty\@itempenalty
15873 \addvspace\itemsep
15874 \fi
15875 \global\@inlabeltrue
15876 \fi
15877 \everypar{\if@bidi@list@minipage@parbox\if@RTL\else\beginL\fi\else\if@RTLtab\if@RTL\else\beginR\fi\fi}
15878 \@minipagefalse
15879 \global\@newlistfalse
15880 \if@inlabel
15881 \global\@inlabelfalse
15882 {\setbox\z@\lastbox
15883 \ifvoid\z@
15884 \kern-\itemindent
15885 \fi}%
15886 \box\@labels
15887 \penalty\z@
15888 \fi
15889 \if@nobreak
15890 \@nbreakfalse
15891 \clubpenalty \@M
15892 \else

```

```

15893     \clubpenalty \@clubpenalty
15894     \everypar{}%
15895     \fi}%
15896 \if@noitemarg
15897     \@noitemargfalse
15898     \if@nmbrrlist
15899         \refstepcounter\@listctr
15900     \fi
15901 \fi
15902 \sbox\@tempboxa{\makelabel{#1}}%
15903 \global\setbox\@labels\hbox{%
15904     \unhbox\@labels
15905     \hskip \itemindent
15906     \hskip -\labelwidth
15907     \hskip -\labelsep
15908     \ifdim \wd\@tempboxa >\labelwidth
15909         \box\@tempboxa
15910     \else
15911         \hbox to\labelwidth {\unhbox\@tempboxa}%
15912     \fi
15913     \hskip \labelsep}%
15914 \ignorespaces}
15915 \long\def\@iiiparbox#1#2[#3]#4#5{%
15916     \leavevmode
15917     \@pboxswfalse
15918     \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
15919     \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
15920     \setlength\@tempdima{#4}%
15921     \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@@par}%
15922     \ifx\relax#2\else
15923         \setlength\@tempdimb{#2}%
15924         \edef\@parboxto{\to\the\@tempdimb}%
15925     \fi
15926     \if#1b\vbox
15927     \else\if #1t\top
15928     \else\ifmmode\vcenter
15929     \else\@pboxswtrue $\vcenter
15930     \fi\fi\fi
15931     \@parboxto{\let\hss\vss\let\unhbox\unvbox
15932         \csname bm@#3\endcsname}%
15933     \if@pboxsw \m@th$\fi
15934     \@end@tempboxa}
15935 \newenvironment{LTRitems}
15936     {\par\@RTLfalse
15937     \if@bidi@list@minipage@parbox
15938         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
15939         \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15940         \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
15941         \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15942         \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi\fi

```

```

15943         \ignorespaces}{\vskip\z@}
15944 \newenvironment{RTLitems}
15945     {\par\@RTLtrue
15946     \if@bidi@list@minipage@parbox
15947     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
15948     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15949     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
15950     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15951     \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi\fi
15952     \ignorespaces}{\vskip\z@}
15953 \newenvironment{LTRbibitems}
15954     {\par\@RTLfalse
15955     \if@bidi@list@minipage@parbox
15956     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
15957     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15958     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
15959     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15960     \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi\fi
15961     \ignorespaces}{\vskip\z@}
15962 \newenvironment{RTLbibitems}
15963     {\par\@RTLtrue
15964     \if@bidi@list@minipage@parbox
15965     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
15966     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15967     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
15968     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15969     \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi\fi
15970     \ignorespaces}{\vskip\z@}
15971 \def\raggedright{%
15972     \let\\\@centercr
15973     \rightskip\z@skip\rightskip\@flushglue
15974     \parindent\z@\parfillskip\z@skip}
15975 \let\bidi@orig@raggedleft\raggedleft
15976 \let\bidi@orig@raggedright\raggedright
15977 \renewcommand\raggedleft{\if@bidi@list@minipage@parbox\bidi@orig@raggedright\else\if@RTLtab\b
15978 \renewcommand\raggedright{\if@bidi@list@minipage@parbox\bidi@orig@raggedleft\else\if@RTLtab\b
15979 \newcommand{\bidi@raggedright}{\if@RTL\raggedleft\else\raggedright\fi}
15980 \newcommand{\bidi@raggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
15981 \def\centerline#1{%
15982 \if@RTL\@@line{\hss\beginR#1\endR\hss}
15983 \else\@@line{\hss#1\hss}\fi}
15984 \def\leftline#1{%
15985 \if@RTL\@@line{\beginR#1\endR\hss}
15986 \else\@@line{#1\hss}\fi}
15987 \def\rightline#1{%
15988 \if@RTL\@@line{\hss\beginR#1\endR}
15989 \else\@@line{\hss#1}\fi}
15990 \let\bidi@orig@leftline\leftline
15991 \let\bidi@orig@rightline\rightline
15992 \def\leftline#1{\ifhmode\if@RTL\bidi@orig@rightline{#1}\else\bidi@orig@leftline{#1}\fi\else\i

```

```

15993 \def\rightline#1{\ifhmode\if@RTL\bidiorig@leftline{#1}\else\bidiorig@rightline{#1}\fi\else\
15994 \def\bidirlap#1{\hb@xt@{z@{\if@RTL\hss\fi#1\if@RTL\else\hss\fi}}
15995 \def\bidillap#1{\hb@xt@{z@{\if@RTL\else\hss\fi#1\if@RTL\hss\fi}}
15996 \def\hangfrom#1{\setbox\@tempboxa\hbox{#1}}%
15997 \hangindent \if@RTL-\else\fi\wd\@tempboxa\noindent\box\@tempboxa}
15998 \def\narrower{%
15999 \advance\if@RTL\rightskip\else\leftskip\fi\parindent
16000 \advance\if@RTL\leftskip\else\rightskip\fi\parindent}
16001 \def\underline#1{%
16002 \relax
16003 \ifmmode\@@underline{#1}%
16004 \else
16005 \if@RTL $\@@underline{\hbox{\beginR#1\endR}}\m@th$\relax
16006 \else
16007 $\@@underline{\hbox{#1}}\m@th$\relax\fi\fi}
16008 \if@compatibility
16009 \let\underline=\underline
16010 \fi
16011 \global\@RTLtabfalse
16012 \def\@tabular{\if@RTL\@RTLtabtrue\fi
16013 \leavevmode \hbox \bgroup \if@RTLtab\beginR \fi
16014 $\let\@acol\@tabacol
16015 \let\@classz\@tabclassz
16016 \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
16017 \def\endtabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
16018 \egroup $\if@RTLtab\endR\fi\egroup
16019 \@RTLtabfalse}
16020 \expandafter \let \csname endtabular*\endcsname = \endtabular
16021 \def\@array[#1]#2{%
16022 \if #1t\vtop \else \if#1b\vbox \else \vcenter \fi\fi
16023 \bgroup
16024 \setbox\@arstrutbox\hbox{%
16025 \vrule \@height\arraystretch\ht\strutbox
16026 \@depth\arraystretch \dp\strutbox
16027 \@width\z@}%
16028 \mkpream{#2}%
16029 \edef\@preamble{%
16030 \ialign \noexpand\@halignto
16031 \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
16032 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
16033 \let\tabularnewline\\%
16034 \let\par\@empty
16035 \let\@sharp##%
16036 \set@typeset@protect
16037 \lineskip\z@skip\baselineskip\z@skip
16038 \ifhmode \@preamerr\z@ \@@par\fi
16039 \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
16040 \@preamble}
16041 \def\array{\let\@acol\@arrayacol \let\@classz\@arrayclassz
16042 \let\@classiv\@arrayclassiv

```

```

16043 \let\\\arraycr\let\@halignto\@empty\@RTLtabfalse\@tabarray}
16044 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
16045     \ifnum \@lastchclass=3 5 \else
16046     \z@ \if #1c\@chnum \z@ \else
16047         \if \if@RTLtab#1r\else#1l\fi\@chnum \@ne \else
16048         \if \if@RTLtab#1l\else#1r\fi\@chnum \tw@ \else
16049         \@chclass \if #1|\@ne \else
16050         \if #1\@tw@ \else
16051         \if #1p3 \else \z@ \@preamerr 0\fi
16052 \fi \fi \fi \fi \fi \fi
16053 \fi}
16054 \def\bm@l{\if@RTL\hss\unhbox\@tempboxa\else\unhbox\@tempboxa\hss\fi}
16055 \def\bm@r{\if@RTL\unhbox\@tempboxa\hss\else\hss\unhbox\@tempboxa\fi}
16056 \def\bm@t{\unhbox\@tempboxa\hss}
16057 \def\bm@b{\hss\unhbox\@tempboxa}
16058 \def\@dottedtocline#1#2#3#4#5{%
16059     \ifnum #1>\c@tocdepth \else
16060     \vskip \z@ \@plus.2\p@
16061     {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@tocrmarg \
16062     \parindent #2\relax\@afterindenttrue
16063     \interlinepenalty\@M
16064     \leavevmode
16065     \@tempdima #3\relax
16066     \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightski
16067     {#4}\nobreak
16068     \leaders\hbox{$\m@th
16069         \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
16070         mu$}\hfill
16071     \nobreak
16072     \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
16073     \par}%
16074 \fi}
16075 \def\RTL@outputdblcol{%
16076 \if@firstcolumn \global\@firstcolumnfalse
16077 \global\setbox\@leftcolumn \box\@outputbox
16078 \else \global\@firstcolumntrue
16079 \setbox\@outputbox \vbox {\hbox to\textwidth {%
16080 \hskip \columnwidth
16081 \hfil \vrule width\columnseprule \hfil
16082 \hbox to\columnwidth {\box\@leftcolumn \hss}}%
16083 \hskip -\textwidth
16084 \hbox to\columnwidth{\box\@outputbox \hss}}%
16085 \hskip \columnsep
16086 \hskip \columnwidth }}%
16087 \@combinedblfloats \@outputpage
16088 \begingroup \@dblfloatplacement \@startdblcolumn
16089 \@whiles\if@fcolmade \fi
16090 {\@outputpage \@startdblcolumn }\endgroup
16091 \fi}
16092 \def\LTR@outputdblcol{%

```

```

16093 \if@firstcolumn
16094   \global \@firstcolumnfalse
16095   \global \setbox\@leftcolumn \box\@outputbox
16096 \else
16097   \global \@firstcolumntrue
16098   \setbox\@outputbox \vbox {%
16099       \hb@xt@\textwidth {%
16100         \hb@xt@\columnwidth {%
16101           \box\@leftcolumn \hss}%
16102         \hfil
16103         {\normalcolor\vrule \@width\columnseprule}%
16104         \hfil
16105         \hb@xt@\columnwidth {%
16106           \box\@outputbox \hss}%
16107         }%
16108       }%
16109   \@combinedblfloats
16110   \@outputpage
16111   \begingroup
16112     \@dblfloatplacement
16113     \@startdblcolumn
16114     \@whilesw\if@fcolmade \fi
16115     {\@outputpage
16116      \@startdblcolumn}%
16117   \endgroup
16118 \fi
16119 }
16120 \renewcommand{\@outputdblcol}{\if@RTLmain\RTL@outputdblcol\else\LTR@outputdblcol\fi}
16121 \newcommand{\RTLdblcol}{\renewcommand{\@outputdblcol}{\RTL@outputdblcol}}
16122 \newcommand{\LTRdblcol}{\renewcommand{\@outputdblcol}{\LTR@outputdblcol}}
16123 \def\LTRmarginpar{%
16124   \ifhmode
16125     \@bsphack
16126     \@floatpenalty -\@Mii
16127   \else
16128     \@floatpenalty-\@Miii
16129   \fi
16130   \ifinner
16131     \@parmoderr
16132     \@floatpenalty\z@
16133   \else
16134     \@next\@currbox\@freelist{}\{}%
16135     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
16136     {\@floatpenalty\z@
16137      \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
16138   \fi
16139   \@ifnextchar [\@LTRxmpar\@LTRympar}
16140 \long\def\@LTRxmpar[#1]#2{%
16141   \@LTRsavemarbox\@marbox{#1}%
16142   \@LTRsavemarbox\@currbox{#2}%

```

```

16143 \@xympar}
16144 \long\def\@LTRympar#1{%
16145 \@LTRsavemarbox\@marbox{#1}%
16146 \global\setbox\@currbox\copy\@marbox
16147 \@xympar}
16148 \long\def \@LTRsavemarbox #1#2{%
16149 \global\setbox #1%
16150 \color@vbox
16151 \vtop{%
16152 \hsize\marginparwidth
16153 \@parboxrestore
16154 \@LTRmarginparreset
16155 #2%
16156 \@minipagefalse
16157 \outer@nobreak
16158 }%
16159 \color@endbox
16160 }
16161 \def \@LTRmarginparreset {%
16162 \reset@font
16163 \normalsize
16164 \@minipagetrue
16165 \everypar{\@minipagefalse\everypar{}\beginL}%
16166 }
16167 \def\RTLmarginpar{%
16168 \ifhmode
16169 \@bsphack
16170 \@floatpenalty -\@Mii
16171 \else
16172 \@floatpenalty-\@Miii
16173 \fi
16174 \ifinner
16175 \@parmoderr
16176 \@floatpenalty\z@
16177 \else
16178 \@next\@currbox\@freelist{}\}%
16179 \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
16180 {\@floatpenalty\z@
16181 \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
16182 \fi
16183 \@ifnextchar [\@RTLxmpar\@RTLympar}
16184 \long\def\@RTLxmpar[#1]#2{%
16185 \@RTLSavemarbox\@marbox{#1}%
16186 \@RTLSavemarbox\@currbox{#2}%
16187 \@xympar}
16188 \long\def\@RTLympar#1{%
16189 \@RTLSavemarbox\@marbox{#1}%
16190 \global\setbox\@currbox\copy\@marbox
16191 \@xympar}
16192 \long\def \@RTLSavemarbox #1#2{%

```

```

16193 \global\setbox #1%
16194 \color@vbox
16195 \vtop{%
16196 \hsize\marginparwidth
16197 \@parboxrestore
16198 \@RTLmarginparreset
16199 #2%
16200 \@minipagefalse
16201 \outer@nobreak
16202 }%
16203 \color@endbox
16204 }
16205 \def \@RTLmarginparreset {%
16206 \reset@font
16207 \normalsize
16208 \@minipagetrue
16209 \everypar{\@minipagefalse\everypar{}\beginR}%
16210 }
16211 \def\@addmarginpar{\@next\@marbox\@currlist{\@cons\@freelist\@marbox
16212 \@cons\@freelist\@currbox}\@latexbug\@tempcnta\@ne
16213 \if@twocolumn
16214 \if@firstcolumn \@tempcnta\m@ne \fi
16215 \else
16216 \if@mparswitch
16217 \ifodd\c@page \else\@tempcnta\m@ne \fi
16218 \fi
16219 \if@reversemargin \@tempcnta -\@tempcnta \fi
16220 \fi
16221 \ifnum\@tempcnta <\z@ \global\setbox\@marbox\box\@currbox \fi
16222 \@tempdima\@mparbottom
16223 \advance\@tempdima -\@pageht
16224 \advance\@tempdima\ht\@marbox
16225 \ifdim\@tempdima >\z@
16226 \@latex@warning@no@line {Marginpar on page \thepage\space moved}%
16227 \else
16228 \@tempdima\z@
16229 \fi
16230 \global\@mparbottom\@pageht
16231 \global\advance\@mparbottom\@tempdima
16232 \global\advance\@mparbottom\dp\@marbox
16233 \global\advance\@mparbottom\marginparpush
16234 \advance\@tempdima -\ht\@marbox
16235 \global\setbox \@marbox
16236 \vbox {\vskip \@tempdima
16237 \box \@marbox}%
16238 \global \ht\@marbox \z@
16239 \global \dp\@marbox \z@
16240 \kern -\@pagedp
16241 \nointerlineskip
16242 \hb@xt@\columnwidth

```

```

16243     {\if@RTL\if@LTRmarginpar\beginL\else\beginR\fi\else\if@RTLmarginpar\beginR\else\beginL\fi
16244         \hskip\columnwidth \hskip\marginparsep
16245     \else
16246         \hskip -\marginparsep \hskip -\marginparwidth
16247     \fi
16248     \box\@marbox \hss\if@RTL\if@LTRmarginpar\endL\else\endR\fi\else\if@RTLmarginpar\endR\else
16249     \nointerlineskip
16250     \hbox{\vrule \@height\z@ \@width\z@ \@depth\@pagedp}}
16251 \long\def\@ympar#1{%
16252     \@savemarbox\@marbox{\if@RTL\if@LTRmarginpar\@RTLfalse\else\@RTLtrue\fi\else\if@RTLmarginpar
16253     \global\setbox\@currbox\copy\@marbox
16254     \@xympar}
16255 \def\setRTLmarginpar{\@RTLmarginpartrue\@LTRmarginparfalse}
16256 \def\setLTRmarginpar{\@LTRmarginpartrue\@RTLmarginparfalse}
16257 \def\setdefaultmarginpar{\@RTLmarginparfalse\@LTRmarginparfalse}
16258 \def\@stopline{\unskip\@stopfield\if@rjfield \global\@rjfieldfalse
16259     \@tempdima\@totalleftmargin \advance\@tempdima\linewidth
16260 \hbox to\@tempdima{\if@RTL\beginR\fi\@itemfudge\hskip\dimen\@curtabmar
16261     \box\@curline\hfil\box\@curfield\if@RTL\endR\fi}\else\@addfield
16262     \hbox to\linewidth{\if@RTL\beginR\fi\@itemfudge
16263     \hskip\dimen\@curtabmar\box\@curline\hfil\if@RTL\endR\fi}}%
16264 \fi}
16265 \def\@outputpage{%
16266 \begingroup          % the \endgroup is put in by \aftergroup
16267     \let \protect \noexpand
16268     \@resetactivechars
16269     \global\let\@if@newlist\if@newlist
16270     \global\@newlistfalse
16271     \@parboxrestore
16272     \shipout \vbox{%
16273         \set@typeset@protect
16274         \aftergroup \endgroup
16275         \aftergroup \set@typeset@protect
16276                                     % correct? or just restore by ending
16277                                     % the group?
16278     \if@specialpage
16279         \global\@specialpagefalse\@nameuse{ps@\@specialstyle}%
16280     \fi
16281     \if@twoside
16282         \ifodd\count\z@ \let\@thehead\@oddhead \let\@thefoot\@oddfoot
16283         \let\@themargin\oddsidemargin
16284     \else \let\@thehead\@evenhead
16285         \let\@thefoot\@evenfoot \let\@themargin\evensidemargin
16286     \fi
16287     \ifx\@thehead\@empty \let\@thehead\hfil \fi
16288     \ifx\@thefoot\@empty \let\@thefoot\hfil \fi
16289     \else %% not @twoside
16290     \ifx\@oddhead\@empty \let\@thehead\hfil \fi
16291     \ifx\@oddfoot\@empty \let\@thefoot\hfil \fi
16292 \fi

```

```

16293 \reset@font
16294 \normalsize
16295 \normalsfcodes
16296 \let\label\@gobble
16297 \let\index\@gobble
16298 \let\glossary\@gobble
16299 \baselineskip\z@skip \lineskip\z@skip \lineskiplimit\z@
16300 \@begindvi
16301 \vskip \topmargin
16302 \moveright\@themargin \vbox {%
16303 \setbox\@tempboxa \vbox to\headheight{%
16304 \vfil
16305 \color@hbox
16306 \normalcolor
16307 \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thehead\if@RTLma
16308 \color@endbox
16309 }%
16310 \dp\@tempboxa \z@
16311 \box\@tempboxa
16312 \vskip \headsep
16313 \box\@outputbox
16314 \baselineskip \footskip
16315 \color@hbox
16316 \normalcolor
16317 \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thefoot\if@RTLMa
16318 \color@endbox
16319 }%
16320 }%
16321 \global\let\if@newlist\@if@newlist
16322 \global \@colht \textheight
16323 \stepcounter{page}%
16324 \let\firstmark\botmark
16325 }
16326 \long\def\@makecaption#1#2{%
16327 \vskip\abovecaptionskip
16328 \sbox\@tempboxa{#1: #2}%
16329 \ifdim \wd\@tempboxa >\hsize
16330 \if@RTL\beginR\fi#1: #2\if@RTL\endR\fi\par
16331 \else
16332 \global \@minipagefalse
16333 \hb@xt@\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}%
16334 \fi
16335 \vskip\belowcaptionskip}
16336 \let\@bidi@saved@eqno=\eqno
16337 \let\@bidi@saved@leqno=\leqno
16338 \def\eqno{\ifnum\predisplaydirection<\z@ \bidi@saved@leqno \else \bidi@saved@eqno \fi}
16339 \def\leqno{\ifnum\predisplaydirection<\z@ \bidi@saved@eqno \else \bidi@saved@leqno \fi}
16340 \@ifpackageloaded{amsmath}{-}{-}
16341 \def\@eqnnum{\normalfont \normalcolor \if@RTL\beginR\fi(\theequation)\if@RTL\endR\fi}}
16342 }

```

```

16343 \input{footnote-xetex-bidi.def}
16344 \if@twocolumn
16345   \let\autofootnoterule\relax
16346   \let\leftfootnoterule\relax
16347   \let\rightfootnoterule\relax
16348   \textwidthfootnoterule
16349 \fi
16350 \if@bidi@csundef{@idxitem}{}{%
16351 \renewcommand{@idxitem}{\par\hangindent \if@RTL-\fi40\p@}%
16352 }
16353 \@ifclassloaded{article}{\@ifclassloaded{svmult}}{\input{article-xetex-bidi.def}}{}
16354 \@ifclassloaded{extarticle}{\input{extarticle-xetex-bidi.def}}{}
16355 \@ifclassloaded{artikel1}{\input{artikel1-xetex-bidi.def}}{}
16356 \@ifclassloaded{artikel2}{\input{artikel2-xetex-bidi.def}}{}
16357 \@ifclassloaded{artikel3}{\input{artikel3-xetex-bidi.def}}{}
16358 \@ifclassloaded{amsart}{\input{amsart-xetex-bidi.def}}{}
16359 \@ifclassloaded{letter}{\input{letter-xetex-bidi.def}}{}
16360 \@ifclassloaded{scrlettr}{\input{scrlettr-xetex-bidi.def}}{}
16361 \@ifclassloaded{extletter}{\input{extletter-xetex-bidi.def}}{}
16362 \@ifclassloaded{memoir}{\input{memoir-xetex-bidi.def}}{}
16363 \@ifclassloaded{refrep}{\input{refrep-xetex-bidi.def}}{}
16364 \@ifclassloaded{extreport}{\input{extreport-xetex-bidi.def}}{}
16365 \@ifclassloaded{report}{\@ifpackageloaded{flowfram}}{\input{report-xetex-bidi.def}}{}
16366 \@ifclassloaded{rapport1}{\input{rapport1-xetex-bidi.def}}{}
16367 \@ifclassloaded{rapport3}{\input{rapport3-xetex-bidi.def}}{}
16368 \@ifclassloaded{scrartcl}{\input{scrartcl-xetex-bidi.def}}{}
16369 \@ifclassloaded{scrbook}{\input{scrbook-xetex-bidi.def}}{}
16370 \@ifclassloaded{scrreprt}{\input{scrreprt-xetex-bidi.def}}{}
16371 \@ifclassloaded{amsbook}{\input{amsbook-xetex-bidi.def}}{}
16372 \@ifclassloaded{extbook}{\input{extbook-xetex-bidi.def}}{}
16373 \@ifclassloaded{boek}{\input{boek-xetex-bidi.def}}{}
16374 \@ifclassloaded{boek3}{\input{boek3-xetex-bidi.def}}{}
16375 \@ifclassloaded{book}{\@ifpackageloaded{flowfram}}{\input{book-xetex-bidi.def}}{}
16376 \@ifclassloaded{bookest}{\input{bookest-xetex-bidi.def}}{}
16377 \@ifclassloaded{combine}{\input{combine-xetex-bidi.def}}{}
16378 \@ifpackageloaded{amsmath}{}{%
16379 \@iftagsloaded{leqno}{\input{leqno-xetex-bidi.def}}{}
16380 \@iftagsloaded{fleqn}{\input{fleqn-xetex-bidi.def}}{}
16381 }
16382 \@ifpackageloaded{mathtools}{\RequirePackage{graphicx}}{}
16383 \@ifpackageloaded{crop}{\RequirePackage{graphicx}}{}
16384 \@ifpackageloaded{sidecap}{\RequirePackage{ragged2e}}{}
16385 \@ifpackageloaded{floatrow}{\RequirePackage{color}}{}
16386 \@ifpackageloaded{amsmath}{\input{amsmath-xetex-bidi.def}}{}
16387 \@ifpackageloaded{amstext}{\input{amstext-xetex-bidi.def}}{}
16388 \@ifpackageloaded{amsthm}{\input{amsthm-xetex-bidi.def}}{}
16389 \@ifpackageloaded{breqn}{\input{breqn-xetex-bidi.def}}{}
16390 \@ifpackageloaded{cals}{\input{cals-xetex-bidi.def}}{}
16391 \@ifpackageloaded{caption}{\input{caption-xetex-bidi.def}}{}
16392 \@ifpackageloaded{caption3}{\input{caption3-xetex-bidi.def}}{}

```

```

16393 \@ifpackageloaded{floatrow}{\input{floatrow-xetex-bidi.def}}{}
16394 \@ifpackageloaded{crop}{\@ifclassloaded{memoir}{\input{crop-xetex-bidi.def}}{}}{}
16395 \@ifpackageloaded{color}{\input{color-xetex-bidi.def}}{}
16396 \@ifpackageloaded{cutwin}{\input{cutwin-xetex-bidi.def}}{}
16397 \@ifpackageloaded{cuted}{\input{cuted-xetex-bidi.def}}{}
16398 \@ifpackageloaded{xcolor}{\input{xcolor-xetex-bidi.def}}{}
16399 \@ifpackageloaded{colortbl}{\input{colortbl-xetex-bidi.def}}{}
16400 \@ifpackageloaded{float}{\@ifpackageloaded{floatrow}{\input{float-xetex-bidi.def}}{}}{}
16401 \@ifpackageloaded{flowfram}{\input{flowfram-xetex-bidi.def}}{}
16402 \@ifpackageloaded{xltextra}{\input{xltextra-xetex-bidi.def}}{}
16403 \@ifpackageloaded{wrapfig}{\input{wrapfig-xetex-bidi.def}}{}
16404 \@ifpackageloaded{graphicx}{\input{graphicx-xetex-bidi.def}}{}
16405 \@ifpackageloaded{geometry}{\input{geometry-xetex-bidi.def}}{}
16406 \@ifpackageloaded{hvfloating}{\input{hvfloating-xetex-bidi.def}}{}
16407 \@ifpackageloaded{ntheorem}{\input{ntheorem-xetex-bidi.def}}{}
16408 \@ifpackageloaded{hyperref}{\input{hyperref-xetex-bidi.def}}{}
16409 \@ifpackageloaded{ntheorem-hyper}{\input{ntheorem-hyper-xetex-bidi.def}}{}
16410 \@ifpackageloaded{fancybox}{\input{fancybox-xetex-bidi.def}}{}
16411 \@ifpackageloaded{fancyhdr}{\input{fancyhdr-xetex-bidi.def}}{}
16412 \@ifpackageloaded{fix2col}{\input{fix2col-xetex-bidi.def}}{}
16413 \@ifpackageloaded{ftnright}{\input{ftnright-xetex-bidi.def}}{}
16414 \@ifpackageloaded{midfloat}{\input{midfloat-xetex-bidi.def}}{}
16415 \@ifpackageloaded{draftwatermark}{\input{draftwatermark-xetex-bidi.def}}{}
16416 \@ifpackageloaded{dblfnote}{\input{dblfnote-xetex-bidi.def}}{}
16417 \@ifpackageloaded{eso-pic}{\input{eso-pic-xetex-bidi.def}}{}
16418 \@ifpackageloaded{empheq}{\input{empheq-xetex-bidi.def}}{}
16419 \@ifpackageloaded{framed}{\input{framed-xetex-bidi.def}}{}
16420 \@ifpackageloaded{pdfpages}{\input{pdfpages-xetex-bidi.def}}{}
16421 \@ifpackageloaded{lettrine}{\input{lettrine-xetex-bidi.def}}{}
16422 \@ifpackageloaded{listings}{\input{listings-xetex-bidi.def}}{}
16423 \@ifpackageloaded{pstricks}{\input{pstricks-xetex-bidi.def}}{}
16424 \@ifpackageloaded{pgf}{\input{pgf-xetex-bidi.def}}{}
16425 \@ifpackageloaded{titlesec}{\input{titlesec-xetex-bidi.def}}{}
16426 \@ifpackageloaded{titletoc}{\input{titletoc-xetex-bidi.def}}{}
16427 \@ifpackageloaded{array}{\input{array-xetex-bidi.def}}{}
16428 \@ifpackageloaded{sidecap}{\input{sidecap-xetex-bidi.def}}{}
16429 \@ifpackagewith{sidecap}{innercaption}{%
16430 \ifRTL \renewcommand*{\SC@FLOAT}[2]{%
16431 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1} {{#1}\hspace{\sidecaptionsep}{#2}}}
16432 \renewcommand*{\SC@justify@caption}{%
16433 \isSC@ODD{\RaggedRight}{\RaggedLeft}}\else
16434 \renewcommand*{\SC@FLOAT}[2]{%
16435 \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2} {{#2}\hspace{\sidecaptionsep}{#1}}}
16436 \renewcommand*{\SC@justify@caption}{%
16437 \isSC@ODD{\RaggedLeft}{\RaggedRight}}\fi
16438 }{}
16439 \@ifpackagewith{sidecap}{rightcaption}{%
16440 \ifRTL\renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
16441 \def\SC@justify@caption{\RaggedLeft}\else%
16442 \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}

```

```

16443 \def\SC@justify@caption{\RaggedRight}\fi%
16444 }{}
16445 \ifpackagewith{sidecap}{leftcaption}{%
16446 \if@RTL \renewcommand*{\SC@FLOAT}[2]{\#2}\hspace{\sidecaptionsep}{\#1}}
16447 \def\SC@justify@caption{\RaggedRight}\else%
16448 \renewcommand*{\SC@FLOAT}[2]{\#1}\hspace{\sidecaptionsep}{\#2}}
16449 \def\SC@justify@caption{\RaggedLeft}\fi%
16450 }{}
16451 \ifpackageloaded{stabular}{\input{stabular-xetex-bidi.def}}{}
16452 \ifpackageloaded{subfigure}{\input{subfigure-xetex-bidi.def}}{}
16453 \ifpackageloaded{longtable}{\input{longtable-xetex-bidi.def}}{}
16454 \ifpackageloaded{arydshln}{\input{arydshln-xetex-bidi.def}}{}
16455 \ifpackageloaded{mdframed}{\input{mdframed-xetex-bidi.def}}{}
16456 \ifpackageloaded{multicol}{\input{multicol-xetex-bidi.def}}{}
16457 \ifpackageloaded{multienum}{\input{multienum-xetex-bidi.def}}{}
16458 \ifpackageloaded{natbib}{\input{natbib-xetex-bidi.def}}{}
16459 \ifpackageloaded{newfloat}{\input{newfloat-xetex-bidi.def}}{}
16460 \ifpackageloaded{minitoc}{\input{minitoc-xetex-bidi.def}}{}
16461 \ifpackageloaded{picinpar}{\input{picinpar-xetex-bidi.def}}{}
16462 \ifpackageloaded{quotchap}{\input{quotchap-xetex-bidi.def}}{}
16463 \ifpackageloaded{ragged2e}{\input{ragged2e-xetex-bidi.def}}{}
16464 \ifpackageloaded{rotating}{\input{rotating-xetex-bidi.def}}{}
16465 \ifpackageloaded{tabls}{\input{tabls-xetex-bidi.def}}{}
16466 \ifpackageloaded{tabulary}{\input{tabulary-xetex-bidi.def}}{}
16467 \ifpackageloaded{tocstyle}{\input{tocstyle-xetex-bidi.def}}{}
16468 \ifpackageloaded{tocbibind}{\@ifclassloaded{memoir}}{\input{tocbibind-xetex-bidi.def}}{}
16469 \ifpackageloaded{tocloft}{\@ifclassloaded{memoir}}{\input{tocloft-xetex-bidi.def}}{}

```

7.114 xltextra-xetex-bidi.def

```

16470 \ProvidesFile{xltextra-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for xltextra package for X
16471 \let\@XeTeX\XeTeX
16472 \def\XeTeX{\@ensure@LTR{\@XeTeX}}
16473 \let\@XeLaTeX\XeLaTeX
16474 \def\XeLaTeX{\@ensure@LTR{\@XeLaTeX}}

```

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2657 , 2665 , 10476	10976 , 12052 , 12066	13001 , 13472 ,
\\$ 10475	\. 89 , 223 , 507 ,	13996 , 14587 , 14920
\% 9611	638 , 906 , 1158 ,	\/ 1661
\' 9731 , 10977 , 12053 , 12067	4825 , 5018 , 5331 ,	\= 9731 , 10977 , 12053 , 12067
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9 Change History

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General: Added implementaion of the	