

The `bid` Package



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

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Introduction

`bid` provides a convenient interface for typesetting bidirectional texts in plain $\text{T}_{\text{E}}\text{X}$ and $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$, using the $\text{X}_{\text{e}}\text{T}_{\text{E}}\text{X}$ engine.

`bid` Info On The Terminal and In The Log File

If you use `bid` package to write any input $\text{T}_{\text{E}}\text{X}$ document, and then run `xelatex` on your document, `bid` writes some information about itself to the terminal and to the log file. The information is something like:

```
*****
*
* bid package (Bidirectional typesetting in
* plain  $\text{T}_{\text{E}}\text{X}$  and  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ , using  $\text{X}_{\text{e}}\text{T}_{\text{E}}\text{X}$  engine)
*
* Description: A convenient interface for
* typesetting bidirectional texts in plain  $\text{T}_{\text{E}}\text{X}$ 
* and  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ . The package includes adaptations
* for use with many other commonly-used packages.
*
* Copyright 20092014 Vafa Khalighi
*
* 2014/09/14, v15.4
*
* License:  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$  Project Public License, version
* 1.3c or higher (your choice)
*
* Location on CTAN: /macros/xetex/latex/bidi
*
* Support: tex.ctan@gmail.com
*****
```

Part I

$\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ Manual

1 Basics

1.1 Loading The Package

You can load the package in the ordinary way;

`\usepackage [Options] {bid}`

Where options of the package are explained later in [subsection 1.5](#).

When loading the package, it is important to know that:

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

For instance, consider the following minimal example:

```

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

```

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

```

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

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

1.4 \begin{document}

?
```

1.2 `bid`'s Symbol

As you may know lion symbolizes \TeX but lion does not symbolizes `bid`. **Simorgh**¹ (shown on the first page of this documentation) symbolizes `bid`.

1.3 Commands for Version number, and Date of The Package

```
\bidversion \bididate
```

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

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

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 \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 `\autofooterule` (explained in [subsection 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 \ninecolumnfootnotes \tencolumnfootnotes
\RTLcolumnfootnotes \LTRcolumnfootnotes
\paragraphfootnotes
\setLTRparagraphfootnotes \setRTLparagraphfootnotes

```

☞ `\normalfootnotes` typesets footnotes in Standard L^AT_EX 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 comand 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

<code>\begin{LTR}</code>	<code>\end{LTR}</code>
<code>\begin{RTL}</code>	<code>\end{RTL}</code>

☞ 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

<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 \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.
```



```

10 \end{LTR}
11 \end{RTL}
12 \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{ \text{⟨brach1⟩} \cr \text{⟨brach2⟩} \cr \text{⟨brach3⟩} ... }
\text{⟨main⟩}
```

`\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.

`\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.

```

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, LaTeX_{2 ϵ} are typeset LTR.

1.13 Separation Mark

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

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

```

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

```

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

```

1 \documentclass{article}
2 \usepackage{bidi}
3 \SepMark{-}
4 \makeatletter
5 \renewcommand\theequation{\thesection\@SepMark\@arabic\c@equation}
6 \makeatother
7 \begin{document}
8 \section{First}
9 \begin{equation}

```

```

10 x^2+y^2=z^2
11 \end{equation}
12 \end{document}

```

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

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

1.15 Primitive-like commands

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

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

1.16 Something To know about `\hbox`

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

```

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

```

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

```

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

```

```

5 \leavevmode\hbox{This is a Test}
6 \end{document}

```

1.17 \bidillap and \bidirlap Commands

In RTL mode, \llap and \rlap do opposite things. Since these two macros are used in a lot of classes and packages, instead 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
  with the mid-brown volumes of the EETS, with the symbol of Alfred's
4 \begin{enumerate}
5 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
6 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
7 \end{enumerate}
8 \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
  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
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
7 \setRTL
8 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
9 \end{enumerate}
10 \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
  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
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
7 \begin{RTLitems}
8 \item Anyone who reads Old and Middle English literary texts will be
  familiar with the mid-brown volumes of the EETS, with the symbol of
  Alfred's
9 \end{RTLitems}
10 \end{enumerate}
11 \end{document}

```

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

```

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

```

1.19 LTRbibitems and RTLbibitems Environments

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

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

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

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

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

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

<pre> 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} </pre>
--

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:

<code>\setRTLmarginpar</code> <code>\setLTRmarginpar</code> <code>\setdefaultmarginpar</code> <code>\LTRmarginpar[⟨left-text⟩]{⟨right-text⟩}</code> <code>\RTLmarginpar[⟨left-text⟩]{⟨right-text⟩}</code>

- ☞ `\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 $\langle left-text \rangle$ and $\langle right-text \rangle$ always LTR.
- ☞ `\RTLmarginpar` typesets $\langle left-text \rangle$ and $\langle right-text \rangle$ always RTL.
- ☞ in RTL mode, places of $\langle left-text \rangle$ and $\langle right-text \rangle$ swaps.

1.22 Typesetting of Headers and Footers

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

1.23 Tabular Typesetting

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

1.24 Equation Numbers

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

2 Support For Various Packages and Classes

The `bidi` package supports `amsmath`, `amstext`, `amsthm`, `array`, `arydshln`, `breqn`, `cals`, `caption`, `color`, `colortbl`, `crop`, `cuted`, `cutwin`, `dblfnote`, `draftwatermark`, `empheq`, `fancyhdr`, `fancybox`, `fix2col`, `float`, `floatrow`, `flowfram`, `framed`, `ftnright`, `geometry`, `graphicx`, `hvfloa`, `hyperref`, `lettrine`, `listings`, `mdframed`, `midfloat`, `minitoc`, `multicol`, `multienum`, `newfloat`, `pdfpages`, `pstricks`, `quotchap`, `picinpar`, `ragged2e`, `rotating`, `sidecap`, `stabular`, `subfig`, `subfigure`, `supertabular`, `xtab`, `tbls`, `tabulary`, `PGF & TIKZ`, `tocbibind`, `tocloft`, `tocstyle`, `wrapfig`, `xcolor`, `xltxtra` packages, `amsart`, `amsbook`, `artikel1`, `artikel2`, `artikel3`, `extarticle`, `flashcards`, `standrad article`, `boek`, `boek3`, `standard book`, `bookest`, `extbook`, `extletter`, `scrlettr`, `standard letter`, `memoir`, `extreport`, `rapport1`, `rapport3`, `refrep`, `standard report`, `scrartcl`, `scrbook`, `scrreprt` classes and any other packages and classes that relies on these packages and classes. This means, you can use all these packages and classes in addition to other packages and classes that rely on these packages and classes and use their functionality fully for your bidirectional documents.

We now give some details that you should know about the supported packages or classes.

2.1 Color

You can use `color` and `xcolor` packages to typeset texts in colours and colour boxes produced by `\colorbox` and `\fcolorbox` commands. Please note that your Coloured text should not span more than a line, if your text spans more than a line, you will be in trouble which means your whole document, page or paragraph may be coloured. If your texts spans more than a line, then you should use `xecolor` package.

Also if you are going to use `\color` command to colour the text at the beginning of a paragraph, then you should have `\leavevmode` before `\color` command.

For having coloured tabular, you can use `colortbl` package.

2.2 The dblfnote package

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

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

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

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

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

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

2.3 Hyperref

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

2.4 The listings package

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

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

☞ RTL sets the direction of the caption to RTL.

☞ LTR sets the direction of the caption to LTR.

Giving any other values gives you an error.

2.5 flowfram Package

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

2.6 Multicolumn Typesetting

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

`\RTLmulticolcolumns` `\LTRmulticolcolumns`

If the main direction of the document is RTL, then you get RTL multi columns and if the main direction of the document is LTR, then you get LTR multi columns. In addition, `\RTLmulticolcolumns` allows you to have RTL multi columns and `\LTRmulticolcolumns` allows you to have LTR multi columns.

In addition, you also can use `vwcol` package for variable width bidirectional column typesetting.

3 Extra bidi Packages and Classes

3.1 bidi-longtable package

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

3.2 bidentu bundle

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

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

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

- ☞ `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 `bidicode` package. In standard \LaTeX you can not use footnotes inside `\chapter`, `\part`, `\section`, `\subsection`, `\subsubsection` and any other section-like commands, `\caption` and tabular environment.

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

3.4 Typesetting Poems

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

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

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

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

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

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

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

3.5 Typesetting Résumé

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

3.6 Print Two Pages On A Single Page

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

3.7 Producing Presentations

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

4 Some Useful Internal Macros and Programming Tips

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

4.1 Equating Conditionals

```
\eqnewif{\langle newconditional1 \rangle}{\langle newconditional2 \rangle}
```

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

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

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

4.2 RTL Conditional

`\if@RTL`

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

4.3 Main RTL Conditional

`\if@RTLmain`

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

4.4 Latin Conditional

`\if@Latin`

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

4.5 Tags Internal Macro

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

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

4.6 Definition File Loaded Internal Macro

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

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

4.7 Tabular Conditional

`\if@RTLtab`

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

4.8 Footnote Conditional

`\if@RTL@footnote`

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

4.9 Direction Ensuring Macros

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

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

4.10 Reset Direction Macro

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

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

Part II

Plain T_EX Manual

5 Basics

5.1 Loading The Package

You can load the package in the ordinary way;

`\input bidi`

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

5.2 Commands for Version number, and Date of The Package

`\bidiversion \bididate`

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

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

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

5.3 Turning TeX--XeT features on and off

The bidirectional typesetting in XeT_EX 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 T_EX, the typesetting of a document by TeX--XeT may therefore differ from that performed by T_EX. 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 T_EX. 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

<code>\setLTR</code>	<code>\setLR</code>	<code>\unsetRL</code>	<code>\unsetRTL</code>
<code>\setRTL</code>	<code>\setRL</code>	<code>\unsetLTR</code>	

☞ 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</code>	<code><text></code>	<code>\endLTR</code>
<code>\RTL</code>	<code><text></code>	<code>\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

<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.

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

<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.

6.4 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.

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 Xe
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\l
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 \@makefntext{%
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 \@makefntext{%
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 \@makefnmark{%
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}{35pt}
96 \@indextitlestyle
97 \thispagestyle{plain}%
98 \let\item\@idxitem
99 \parindent{z@}{\parskip}{z@}{\plus.3pt}\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 \uppercase\shorttitle
111 \ifx\@empty\shortauthors \let\shortauthors\shorttitle
112 \else \andify\shortauthors
113 \fi
114 \@maketitle@hook
115 \begingroup
116 \@maketitle
117 \toks@{\xp{\shortauthors}\@temptokena\xp{\shorttitle}}%
118 \toks4{\def\{\ \ignorespaces}}% defend against questionable usage
119 \edef\@tempa{%

```

```

120 \nx\markboth{\the\toks4
121 \nx\MakeUppercase{\the\toks@}}{\the\temptokena}}%
122 \@tempa
123 \endgroup
124 \c@footnote\z@
125 \@cleartopmattertags
126 }

```

7.2 amsbook-xetex-bidi.def

```

127 \ProvidesFile{amsbook-xetex-bidi.def}[2013/04/26 v0.9 bidi adaptations for amsbook class for
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\leftskip\fi
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     \@makefntext{%
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\@xp{\chaptername}\enspace\thechapter}
236 \vskip 3pc}}\hskip\if@RTL\righskip\else\leftskip\fi\fi
237 #1\par \endgroup
238 \skip@34\p@ \advance\skip@-\normalbaselineskip
239 \vskip\skip@ }
240 \def\maketitle{\par
241 \@topnum\z@ % this prevents figures from falling at the top of page 1
242 \begingroup
243 \@maketitle
244 \endgroup
245 \c@footnote\z@
246 \def\do##1{\let##1\relax}%
247 \do\maketitle \do\@maketitle \do\title \do\@xtitle \do\@title
248 \do\author \do\@xauthor \do\address \do\@xaddress
249 \do\email \do\@xemail \do\curraddr \do\@xcurraddr
250 \do\dedicatory \do\@dedicatory \do\thanks \do\thankses
251 \do\keywords \do\@keywords \do\subjclass \do\@subjclass
252 }

```

7.3 amsmath-xetex-bidi.def

```

253 \ProvidesFile{amsmath-xetex-bidi.def}[2014/09/04 v0.9 bidi adaptations for amsmath package fo
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 \xp\xdef\csname the#2\endcsname{%
261 \xp\@nx\csname the#3\endcsname \@nx\@SepMark\@nx#1{#2}}}%
262 }
263 \def\tagform@#1{\maketag@@@{\if@Latin\else\beginR\fi(\ignorespaces#1\unskip\@@italiccorr)\if@

```


7.4 amstext-xetex-bidi.def

```
264 \ProvidesFile{amstext-xetex-bidi.def}[2013/04/04 v0.1 bidi adaptations for amstext package for
265 \def\textdef@#1#2#3{\hbox{%
266     \everymath{#1}%
267     \let\f@size#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
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 X
272 \def\@testpach{\@chclass
273 \ifnum \@lastchclass=6 \@ne \@chnum \@ne \else
274 \ifnum \@lastchclass=7 5 \else
275 \ifnum \@lastchclass=8 \tw@ \else
276 \ifnum \@lastchclass=9 \thr@@
277 \else \z@
278 \ifnum \@lastchclass = 10 \else
279 \edef\@nextchar{\expandafter\string\@nextchar}%
280 \@chnum
281 \if \@nextchar c\z@ \else
282 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
283 \if \@nextchar \if@RTLtab l\else r\fi\tw@ \else
284 \z@ \@chclass
285 \if \@nextchar |\@ne \else
286 \if \@nextchar !6 \else
287 \if \@nextchar @7 \else
288 \if \@nextchar <8 \else
289 \if \@nextchar >9 \else
290 10
291 \@chnum
292 \if \@nextchar m\thr@@\else
293 \if \@nextchar p4 \else
294 \if \@nextchar b5 \else
295 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi
296 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \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\endR
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 \begingroup
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{\crr \egroup\if@RTLtab\egroup\endR\egroup\fi \egroup \@arrayright \gdef\@pream
327 \def\array{\col@sep\arraycolsep
328 \def\dollarbegin{$}\let\dollarend\dollarbegin\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 c
331 \if@titlepage
332 \renewcommand\maketitle{\begin{titlepage}%
333 \let\footnotesize\small
334 \let\right@footnoterule\relax
335 \let\left@footnoterule\relax
336 \let\textwidth@footnoterule\relax
337 \let \footnote \thanks
338 \let \LTRfootnote \LTRthanks
339 \let \RTLfootnote \RTLthanks
340 \null\vfil
341 \vskip 60\p@
342 \begin{center}%
343 {\LARGE \@title \par}%
344 \vskip 3em%
345 {\large
346 \lineskip .75em%
347 \begin{tabular}[t]{c}%
348 \@author
349 \end{tabular}\par}%
350 \vskip 1.5em%
351 {\large \@date \par}% % Set date in \large size.
352 \end{center}\par
353 \@thanks
354 \vfil\null

```

```

355 \end{titlepage}%
356 \setcounter{footnote}{0}%
357 \global\let\thanks\relax
358 \global\let\LTRthanks\relax
359 \global\let\RTLthanks\relax
360 \global\let\maketitle\relax
361 \global\let\@thanks\@empty
362 \global\let\@author\@empty
363 \global\let\@date\@empty
364 \global\let\@title\@empty
365 \global\let\title\relax
366 \global\let\author\relax
367 \global\let\date\relax
368 \global\let\and\relax
369 }
370 \else
371 \renewcommand\maketitle{\par
372 \begingroup
373 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
374 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
375 \long\def\@makefntext##1{\parindent 1em\noindent
376 \hb@xt@1.8em{%
377 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
378 \if@twocolumn
379 \ifnum \col@number=\@ne
380 \@maketitle
381 \else
382 \twocolumn[\@maketitle]%
383 \fi
384 \else
385 \newpage
386 \global\@topnum\z@ % Prevents figures from going at top of page.
387 \@maketitle
388 \fi
389 \thispagestyle{plain}\@thanks
390 \endgroup
391 \setcounter{footnote}{0}%
392 \global\let\thanks\relax
393 \global\let\LTRthanks\relax
394 \global\let\RTLthanks\relax
395 \global\let\maketitle\relax
396 \global\let\@maketitle\relax
397 \global\let\@thanks\@empty
398 \global\let\@author\@empty
399 \global\let\@date\@empty
400 \global\let\@title\@empty
401 \global\let\title\relax
402 \global\let\author\relax
403 \global\let\date\relax
404 \global\let\and\relax

```

```

405 }
406 \def\@maketitle{%
407   \newpage
408   \null
409   \vskip 2em%
410   \begin{center}%
411     \let \footnote \thanks
412     \let \LTRfootnote \LTRthanks
413     \let \RTLfootnote \RTLthanks
414     {\LARGE \@title \par}%
415     \vskip 1.5em%
416     {\large
417       \lineskip .5em%
418       \begin{tabular}[t]{c}%
419         \@author
420       \end{tabular}\par}%
421     \vskip 1em%
422     {\large \@date}%
423   \end{center}%
424   \par
425   \vskip 1.5em}
426 \fi
427 \renewcommand*\l@part[2]{%
428   \ifnum \c@tocdepth >-2\relax
429     \addpenalty\@secpenalty
430     \addvspace{2.25em \@plus\p@}%
431     \setlength\@tempdima{3em}%
432     \begingroup
433       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
434       \parfillskip -\@pnumwidth
435       {\leavevmode
436         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
437       \nobreak
438       \if@compatibility
439         \global\@nobreaktrue
440         \everypar{\global\@nobreakfalse\everypar{}}%
441       \fi
442     \endgroup
443   \fi}
444 \renewcommand*\l@section[2]{%
445   \ifnum \c@tocdepth >\z@
446     \addpenalty\@secpenalty
447     \addvspace{1.0em \@plus\p@}%
448     \setlength\@tempdima{1.5em}%
449     \begingroup
450       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
451       \parfillskip -\@pnumwidth
452       \leavevmode \bfseries
453       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
454       \hskip -\if@RTL\rightskip\else\leftskip\fi

```

```

455      #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
456      \endgroup
457      \fi}
458 \renewcommand\left@footnoterule{%
459   \kern-3\p@
460   \hrule\@width.4\columnwidth
461   \kern2.6\p@}
462 \renewcommand\right@footnoterule{%
463   \hbox to \columnwidth
464   {\beginR \vbox{%
465     \kern-3\p@
466     \hrule\@width.4\columnwidth
467     \kern2.6\p@}\hfil\endR}}
468 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
469 \renewcommand\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
470 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
471 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
472 \def\@part[#1]#2{%
473   \ifnum \c@secnumdepth >\m@ne
474     \refstepcounter{part}%
475     \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
476   \else
477     \addcontentsline{toc}{part}{#1}%
478   \fi
479   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
480    \interlinepenalty \@M
481    \normalfont
482    \ifnum \c@secnumdepth >\m@ne
483      \Large\bfseries \partname\nobreakspace\thepart
484      \par\nobreak
485    \fi
486    \huge \bfseries #2%
487    \markboth{}{}\par}%
488   \nobreak
489   \vskip 3ex
490   \@afterheading}
491 \renewenvironment{thebibliography}[1]
492   {\section*{\refname}%
493    \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}%
494    \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
495    \list{\@biblabel{\@arabic\c@enumiv}}%
496      {\settowidth\labelwidth{\@biblabel{#1}}%
497       \leftmargin\labelwidth
498       \advance\leftmargin\labelsep
499       \@openbib@code
500       \usecounter{enumiv}%
501       \let\p@enumiv\@empty
502       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
503   \sloppy
504   \clubpenalty4000

```

```

505     \@clubpenalty \clubpenalty
506     \widowpenalty4000%
507     \sfcode'\.\@m}
508     {\def\@noitemerr
509       {\@latex@warning{Empty 'thebibliography' environment}}}%
510     \endlist}
511 \renewenvironment{theindex}
512     {\if@twocolumn
513       \@restonecolfalse
514     \else
515       \@restonecoltrue
516     \fi
517     \columnseprule \z@
518     \columnsep 35\p@
519     \twocolumn[\section*{\indexname}]}%
520     \@mkboth{\MakeUppercase\indexname}%
521             {\MakeUppercase\indexname}%
522     \thispagestyle{plain}\parindent\z@
523     \parskip\z@ \@plus .3\p@\relax
524     \let\item\@idxitem}
525     {\if@restonecol\onecolumn\else\clearpage\fi}

```

7.8 artikel1-xetex-bidi.def

```

526 \ProvidesFile{artikel1-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for artikel1 class fo
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@section}
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 \begingroup
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 fo
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\rightskip\else\leftskip\fi\unitindent

```

```

799     \if@RTL\leftskip\else\rightskip\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\rightskip\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\rightskip\fi \@pnumwidth
816   \parfillskip -\@pnumwidth
817   \leavevmode \bfseries
818   \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
819   \hskip -\if@RTL\rightskip\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\rightskip\fi \@pnumwidth
833     \parfillskip -\@pnumwidth
834     {\leavevmode
835       \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
836       \nobreak
837       \if@compatibility
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 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@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 fo
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 \beginngroup
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=\@one
1240     \@maketitle
1241     \else
1242     \twocolumn[\@maketitle]%
1243     \fi
1244     \else
1245     \newpage

```

```

1246     \global\@topnum\z@
1247     \@maketitle
1248     \fi
1249     \thispagestyle{plain}\@thanks
1250 \endgroup
1251 \setcounter{footnote}{0}%
1252 \global\let\thanks\relax
1253 \global\let\maketitle\relax
1254 \global\let\@maketitle\relax
1255 \global\let\@thanks\@empty
1256 \global\let\@author\@empty
1257 \global\let\@title\@empty
1258 \global\let\@date\@empty
1259 \global\let\title\relax
1260 \global\let\author\relax
1261 \global\let\date\relax
1262 \global\let\and\relax
1263 }
1264 \def\@maketitle{%
1265     \newpage
1266     \null
1267     \vskip 2em%
1268     \if@titlecentered
1269         \begin{center}%
1270             \let \footnote \thanks
1271             {\LARGE \TitleFont \@title \par}%
1272             \vskip 1.5em%
1273             {\large \TitleFont
1274               \lineskip .5em%
1275               \begin{tabular}[t]{c}%
1276                 \@author
1277               \end{tabular}\par}%
1278             \vskip 1em%
1279             {\large \TitleFont \@date}%
1280         \end{center}%
1281     \else
1282         {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
1283         {\large \TitleFont \lineskip .5em \tabcolsep\z@
1284           \def\and{%% \begin{tabular} has already started
1285             \end{tabular}\hskip 1em plus .17fil
1286             \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabular}
1287             \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}\par}
1288         \vskip 1em {\large \TitleFont \@date}
1289     \fi
1290     \par
1291     \vskip 1.5em}
1292 \fi

```

7.11 arydshln-xetex-bidi.def


```

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{\if@RTL\beginL\fi%
1399 \setbox\z@\hbox\bgroup\bgroup\if@RTL\beginR\fi
1400 \ifcase \@chnum
1401 \hskip\stretch{.5}\kern\z@
1402 \dollarbegin
1403 \insert@column
1404 \dollarend\hskip\stretch{.5}%
1405 \or \dollarbegin \insert@column \dollarend \hfill
1406 \or \hfill \kern\z@ \dollarbegin \insert@column \dollarend
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 \if@RTL\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@\if@RTL\endL\fi}%
1424 \prepnext@tok}
1425 \let\adl@act@classz\@classz
1426 \let\adl@org@classz\@classz
1427 }{}

```

7.12 bidi.sty

```

1428 \NeedsTeXFormat{LaTeX2e}
1429 \def\bididate{2014/09/14}
1430 \def\bidiversion{v15.4}
1431 \ProvidesPackage{bidi}[\bididate\space \bidiversion\space
1432 Bidirectional typesetting in plain TeX and LaTeX]
1433 \edef\@bidi@info{*****~J%
1434 * ~J%
1435 * bidi package (Bidirectional typesetting in~J%
1436 * plain TeX and LaTeX, using XeTeX engine)~J%
1437 * ~J%
1438 * Description: A convenient interface for~J%
1439 * typesetting bidirectional texts in plain TeX~J%

```



```

1440 * and LaTeX. The package includes adaptations^^J%
1441 * for use with many other commonly-used packages.^^J%
1442 * ^^J%
1443 * Copyright 20092014 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 * Support: tex.ctan@gmail.com^^J%
1453 *****}
1454 \typeout{\@bidi@info}
1455 \edef\bidi@everyjob{\the\everyjob}
1456 \everyjob{\bidi@everyjob\typeout{\@bidi@info}}
1457 \RequirePackage{iftex}
1458 \RequireXeTeX
1459 \RequirePackage{biditools}
1460 \RequirePackage{zref-abspage}
1461 \RequirePackage{auxhook}
1462 \RequirePackage{ltxcmds}
1463 \eqnewif{\if@RTLmain}{\if@rlmain}
1464 \eqnewif{\if@RTL}{\if@rl}
1465 \newif\if@Latin
1466 \eqnewif{\if@RTLtab}{\if@tab@rl}
1467 \newif\if@RTLmarginpar
1468 \newif\if@LTRmarginpar
1469 \newif\if@LTRbibitems
1470 \newif\if@RTLbibitems
1471 \newif\if@extrafootnotefeatures
1472 \newif\if@parafootRTL
1473 \newif\if@RTLcolumnfootnotes
1474 \eqnewif{\if@RTL@footnote}{\if@rl@footnote}
1475 \newif\if@bidi@list@minipage@parbox
1476 \newif\if@bidi@list@minipage@parbox@not@nob
1477 \@RTLmainfalse
1478 \AtBeginDocument{%
1479   \if@RTLmain\else
1480     \if@RTL\@RTLmaintrue%
1481     \else\@RTLmainfalse%
1482     \fi%
1483   \fi%
1484 }
1485 \let\n@xt=\
1486 \bidi@newrobustcmd*{\LRE}{\protect\pLRE}%
1487 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1488 \bidi@newrobustcmd*{\RLE}{\protect\pRLE}
1489 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }

```

```

1490 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1491 \errmessage{Missing left brace has been substituted}\fi \bgroup}
1492 \input{latex-xetex-bidi.def}
1493 \input{loadingorder-xetex-bidi.def}
1494 \DeclareOption{RTLdocument}{\@RTLtrue\@RTL@footnotetrue\autofootnoterule}
1495 \DeclareOption{rldocument}{\@RTLtrue\@RTL@footnotetrue\autofootnoterule}
1496 \DeclareOption{extrafootnotefeatures}{\@extrafootnotefeaturestrue}
1497 \ProcessOptions
1498
1499 \if@extrafootnotefeatures
1500 \input{extrafootnotefeatures-xetex-bidi.def}
1501 \fi

```

7.13 bidi.tex

```

1502 \def\bididate{2014/09/14}
1503 \def\bidiversion{v0.2}
1504 \catcode'\@=11
1505 \let \protect \relax
1506 \newlinechar'\^^J
1507 \edef\@bidi@info{*****^^J%
1508 * ^^J%
1509 * bidi package (Bidirectional typesetting in^^J%
1510 * plain TeX and LaTeX, using XeTeX engine)^^J%
1511 * ^^J%
1512 * Description: A convenient interface for^^J%
1513 * typesetting bidirectional texts in plain TeX^^J%
1514 * and LaTeX. The package includes adaptations^^J%
1515 * for use with many other commonly-used packages.^^J%
1516 * ^^J%
1517 * Copyright 20092014 Vafa Khalighi^^J%
1518 * ^^J%
1519 * \bididate, \bidiversion^^J%
1520 * ^^J%
1521 * License: LaTeX Project Public License, version^^J%
1522 * 1.3c or higher (your choice)^^J%
1523 * ^^J%
1524 * Location on CTAN: /macros/xetex/latex/bidi^^J%
1525 * ^^J%
1526 * Support: tex.ctan@gmail.com^^J%
1527 *****}
1528 \message{\@bidi@info}
1529 \edef\bidi@everyjob{\the\everyjob}
1530 \everyjob{\bidi@everyjob\message{\@bidi@info}}
1531 \input iftex.sty
1532 \RequireXeTeX
1533 \newif\if@RTLmain
1534 \newif\if@RTL
1535 \newif\if@sentedir
1536 \newif\if@RTL@footnote

```

```

1537 \@RTLmainfalse
1538 \def\setRTLmain{%
1539   \if@RTLmain\else
1540     \if@RTL\@RTLmaintrue%
1541     \else\@RTLmainfalse%
1542   \fi%
1543 \fi%
1544 }
1545 \let\n@xt=\
1546 \protected\def\LRE{\protect\pLRE}%
1547 \def\pLRE{\protect\afterassignment\moreLRE \let\n@xt= }
1548 \protected\def\RLE{\protect\pRLE}
1549 \def\pRLE{\protect\afterassignment\moreRLE \let\n@xt= }
1550 \def\bracetext{\ifcat\n@xt{\else\ifcat\n@xt}\fi
1551   \errmessage{Missing left brace has been substituted}\fi \bgroup}
1552 \input plain-xetex-bidi.def
1553 \catcode'\@=12

```

7.14 bidi2in1.sty

```

1554 \NeedsTeXFormat{LaTeX2e}
1555 \ProvidesPackage{bidi2in1}
1556 \pagestyle{plain}
1557 \newcount\evenpage
1558 \newcount\oddpages
1559 \twocolumn
1560 \def\@oddfoot{\evenpage=\thepage%
1561 \multiply\evenpage by 2%
1562 \oddpages=\the\evenpage%
1563 \advance\oddpages by -1%
1564 \hfil\the\evenpage\hfil\hfil\the\oddpages\hfil}%
1565 \def\@evenfoot{\evenpage=\thepage%
1566 \multiply\evenpage by 2%
1567 \oddpages=\the\evenpage%
1568 \advance\oddpages by -1%
1569 \hfil\the\oddpages\hfil\hfil\the\evenpage\hfil}%
1570 \textwidth 9.49in
1571 \textheight 6.7in
1572 \columnsep 0.9in
1573 \columnseprule 0.125pt
1574 \headheight 0cm
1575 \topmargin 0in
1576 \marginparwidth 0in
1577 \marginparsep 0in
1578 \hoffset 0.05in % Corrected
1579 \voffset -0.5in %top margin space is 1.0in by default
1580 \oddsidemargin 0in
1581 \evensidemargin 0in
1582 \headsep 0cm
1583 \topskip 0cm

```

```

1584 \parskip 0.15in %
1585 \headsep 0pt
1586 \special{papersize=11.69in,8.26in}
1587 \renewcommand\maketitle{\par
1588 \begingroup
1589 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1590 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
1591 \long\def\@makefntext##1{\parindent 1em\noindent
1592 \hb@xt@1.8em{%
1593 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
1594 \@maketitle
1595 \@thanks
1596 \endgroup
1597 \setcounter{footnote}{0}%
1598 \global\let\thanks\relax
1599 \global\let\maketitle\relax
1600 \global\let\@maketitle\relax
1601 \global\let\@thanks\@empty
1602 \global\let\@author\@empty
1603 \global\let\@date\@empty
1604 \global\let\@title\@empty
1605 \global\let\title\relax
1606 \global\let\author\relax
1607 \global\let\date\relax
1608 \global\let\and\relax
1609 }

```

7.15 bidicode.sty

```

1610 \NeedsTeXFormat{LaTeX2e}
1611 \ProvidesPackage{bidicode}
1612 \RequirePackage{xcolor}
1613 \RequirePackage{showexpl}
1614 \definecolor{hellgelb}{rgb}{1,1,0.85}
1615 \definecolor{colKeys}{rgb}{0,0,1}
1616 \definecolor{colIdentifier}{rgb}{0,0,0}
1617 \definecolor{colComments}{rgb}{1,0,0}
1618 \definecolor{colString}{rgb}{0,0.5,0}
1619 \lstset{
1620     language=[LaTeX]TEX,
1621     float=hbp,
1622     basicstyle=\ttfamily\small,
1623     identifierstyle=\color{colIdentifier},
1624     keywordstyle=\color{colKeys},
1625     stringstyle=\color{colString},
1626     commentstyle=\color{colComments},
1627     columns=flexible,
1628     tabsize=4,
1629     gobble =1,
1630     extendedchars=true,

```

```

1631     showspace=false,
1632     showstringspaces=false,
1633     numbers=left,
1634     numbersep=0.9em,
1635     numberstyle=\tiny, %
1636     frame=single,
1637     captionpos=b,
1638     xleftmargin=1em,
1639     breaklines=true,
1640     breakautoindent=false,
1641     breakindent=0pt,
1642     escapeinside=**,
1643     pos=r,
1644     explpreset={%
1645     xleftmargin=1em,columns=flexible,language=[LaTeX]TEX},
1646     morekeywords={setLTR,setLR,setRTL,setRL,LRE,LR,RLE,RL,lr,bidiversion,bididate}
1647 }
1648 \newcommand\HLON{%
1649   \gdef\lst@alloverstyle##1{%
1650     \fboxrule=0pt
1651     \fboxsep=0pt
1652     \fcolorbox{hellgelb}{hellgelb}{\bfseries\strut##1}%
1653   }}
1654 \newcommand\HLOFF{%
1655   \xdef\lst@alloverstyle##1{##1}%
1656 }
1657 \newcommand\Larg [1]{\{\normalfont\itshape#1/\}}
1658 \newcommand\Larga[1]{\{$\langle$\Larg{#1}$\rangle$}
1659 \newcommand\Largb[1]{\{\lcb\Larg{#1}\rcb}
1660 \newcommand\Largs[1]{\{\lsb\Larg{#1}\rsb}
1661 \newcommand\Largr[1]{\{\lrb\Larg{#1}\rrb}
1662 \newcommand\LBEG[1]{\{\normalfont\ttfamily\bs{}\begin\lcb#1\rcb}}
1663 \newcommand\LEND[1]{\{\normalfont\ttfamily\bs{}\end\lcb#1\rcb}}
1664
1665 \DeclareRobustCommand\bs{\{\normalfont\ttfamily\symbol{92}\}}
1666 \DeclareRobustCommand\lcb{\{\normalfont\ttfamily\char'\{}}
1667 \DeclareRobustCommand\rcb{\{\normalfont\ttfamily\char'\}}
1668 \DeclareRobustCommand\lsb{\{\normalfont\ttfamily[]}
1669 \DeclareRobustCommand\rsb{\{\normalfont\ttfamily[]}
1670 \DeclareRobustCommand\lrb{\{\normalfont\ttfamily{}
1671 \DeclareRobustCommand\rrb{\{\normalfont\ttfamily{}
1672
1673 \def\Lcs#1{\nxLcs{#1}}
1674 \def\LcsStar#1{\nxLcs{#1}\OptArg*{}}
1675 \def\nxLcs#1{\texttt{\symbol{92}#1}}
1676
1677 \def\Coordx#1{\$x_{#1}$}
1678 \def\Coordy#1{\$y_{#1}$}
1679 \def\Coordz#1{\$z_{#1}$}
1680 \def\Coord#1{\Coordx{#1},\kern 1pt\Coordy{#1}}

```

```

1681 \def\Coordn{\Coordx{n},\kern 1pt\Coordy{n}}
1682 \def\CoordIII#1{\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1}}
1683 \def\CAny{\Coordx{}}\kern 1pt\Coordy{}}
1684 \def\CIIIAny{\Coordx{}}\kern 1pt\Coordy{}}\kern 1pt\Coordz{}}
1685 \def\coord#1{(\Coordx{#1},\kern 1pt\Coordy{#1})}
1686 \def\coordn{(\Coordx{n},\kern 1pt\Coordy{n})}
1687 \def\coordiii#1{(\Coordx{#1},\kern 1pt\Coordy{#1},\kern 1pt\Coordz{#1})}
1688 \def\coordx#1{($x_{#1}$)}
1689 \def\coordy#1{($y_{#1}$)}
1690 \def\coordz#1{($z_{#1}$)}
1691 \def\cAny{(\Coordx{}}\kern 1pt\Coordy{}}
1692 \def\ciiAny{(\Coordx{}}\kern 1pt\Coordy{}}\kern 1pt\Coordz{}}
1693
1694 \newsavebox{\boxdef}
1695 \newenvironment{BDef}
1696   {\begin{lrbox}\boxdef
1697     \def\arraystretch{1.0}
1698     \begin{tabular}{@{}l@{}l@{}l@{}}
1699   }
1700   {\end{tabular}\end{lrbox}}
1701
1702   {\BCmd\fbbox{\usebox\boxdef}\endBCmd}
1703   \aftergroup\@afterindentfalse\aftergroup\@afterheading
1704 }
1705
1706 \newenvironment{BDef*}
1707   {\begin{lrbox}\boxdef
1708     \def\arraystretch{1.0}
1709     \begin{tabular}{@{}l@{}l@{}l@{}}
1710   }
1711   {\end{tabular}\end{lrbox}}
1712   {\begin{BCmd*}\fbbox{\usebox\boxdef}\end{BCmd*}}
1713   \aftergroup\@afterindentfalse\aftergroup\@afterheading
1714 }
1715 \newenvironment{BCmd*}{
1716   \@beginparpenalty-\@lowpenalty
1717   \topsep\BDefaboveskip
1718   \fbboxsep3pt
1719   \flushleft}
1720 {\@endparpenalty\@M
1721  \@topsepadd\BDefbelowskip
1722  \endflushleft}
1723
1724 \newenvironment{BCmd*}{
1725   \@beginparpenalty\@M
1726   \topsep\BDefinlineskip
1727   \fbboxsep3pt
1728   \flushleft}
1729 {\@endparpenalty5000
1730  \endflushleft}

```

```

1731
1732 \newskip\BDefaboveskip
1733 \newskip\BDefbelowskip
1734 \newskip\BDefinlineskip
1735 \setlength\BDefaboveskip{10pt plus 4pt}
1736 \setlength\BDefbelowskip{6pt}
1737 \setlength\BDefinlineskip{6pt}
1738
1739 \def\OptArgs{\colorbox{black!20}{\texttt{[Options]}}}\kern1pt}
1740 \def\OptArg{\@ifnextchar*\OptArg@i{\OptArg@ii*}}
1741 \def\OptArg@i*#1{\colorbox{black!20}{\texttt{#1}}}\kern1pt}
1742 \def\OptArg@ii*#1{\colorbox{black!20}{\texttt{[#1]}}}\kern1pt}

```

7.16 bidiftnextra.sty

```

1743 \NeedsTeXFormat{LaTeX2e}
1744 \ProvidesPackage{bidiftnextra}
1745 \newtoks\bidip@p@ftn
1746 \let\FN@sffootnote\footnote
1747 \let\FN@sff@LTRfootnote\LTRfootnote
1748 \let\FN@sff@RTLfootnote\RTLfootnote
1749 \def\footnote{\ifx\protect\@typeset@protect
1750   \expandafter\FN@sffootnote
1751   \else
1752     \expandafter\FN@sff@gobble@opt
1753   \fi
1754 }
1755 \def\LTRfootnote{\ifx\protect\@typeset@protect
1756   \expandafter\FN@sff@LTRfootnote
1757   \else
1758     \expandafter\FN@sff@gobble@opt
1759   \fi
1760 }
1761 \def\RTLfootnote{\ifx\protect\@typeset@protect
1762   \expandafter\FN@sff@RTLfootnote
1763   \else
1764     \expandafter\FN@sff@gobble@opt
1765   \fi
1766 }
1767 \edef\FN@sff@gobble@opt{\noexpand\protect
1768   \expandafter\noexpand\csname FN@sff@gobble@opt \endcsname}
1769 \expandafter\def\csname FN@sff@gobble@opt \endcsname{%
1770   \@ifnextchar[%]
1771     \FN@sff@gobble@twobracket
1772     \@gobble
1773 }
1774 \def\FN@sff@gobble@twobracket[#1]#2{}
1775 \let\FN@sff@footnotemark\footnotemark
1776 \def\footnotemark{\ifx\protect\@typeset@protect
1777   \expandafter\FN@sff@footnotemark

```

```

1778 \else
1779 \expandafter\FN@sfgobble@only
1780 \fi
1781 }
1782 \edef\FN@sfgobble@only{\noexpand\protect
1783 \expandafter\noexpand\csname FN@sfgobble@only \endcsname}
1784 \expandafter\def\csname FN@sfgobble@only \endcsname{%
1785 \ifnextchar[%
1786 \FN@sfgobble@bracket
1787 {}%
1788 }
1789 \def\FN@sfgobble@bracket[#1]{%
1790 \def\@tabular{\ifRTL\global\@RTLtabtrue\fi
1791 \leavevmode \hbox \bgroup
1792 \let\@footnotetext\@bidi@p@ftntext
1793 \let\@LTRfootnotetext\@bidi@p@LTRftntext
1794 \let\@RTLfootnotetext\@bidi@p@RTLftntext
1795 \let\@xfootnotenext\@bidi@p@xftntext
1796 \let\@xfootnote\@bidi@p@xfootnote
1797 \let\@xLTRfootnotenext\@bidi@p@xLTRftntext
1798 \let\@xLTRfootnote\@bidi@p@xLTRfootnote
1799 \let\@xRTLfootnotenext\@bidi@p@xRTLftntext
1800 \let\@xRTLfootnote\@bidi@p@xRTLfootnote
1801 \ifRTLtab\beginR \fi
1802 $\let\@acol\@tabacol
1803 \let\@classz\@tabclassz
1804 \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
1805 \def\endtabular{\crrc\egroup\ifRTLtab\egroup\endR\egroup\fi
1806 \egroup $\ifRTLtab\endR\fi\egroup
1807 \ifx\@cuptype\undefined
1808 \global\@bidi@p@ftn\expandafter{\expandafter}\the\@bidi@p@ftn\fi%
1809 \global\@RTLtabfalse}
1810 \long\def\@bidi@p@ftntext#1{%
1811 \edef\@tempy{\the\@bidi@p@ftn\noexpand\footnotetext[\the\csname c@\@mpfn\endcsname]}%
1812 \global\@bidi@p@ftn\expandafter{\@tempy{#1}}}%
1813 \long\def\@bidi@p@LTRftntext#1{%
1814 \edef\@tempyi{\the\@bidi@p@ftn\noexpand\LTRfootnotetext[\the\csname c@\@mpfn\endcsname]}%
1815 \global\@bidi@p@ftn\expandafter{\@tempyi{#1}}}%
1816 \long\def\@bidi@p@RTLftntext#1{%
1817 \edef\@tempyii{\the\@bidi@p@ftn\noexpand\RTLfootnotetext[\the\csname c@\@mpfn\endcsname]}%
1818 \global\@bidi@p@ftn\expandafter{\@tempyii{#1}}}%
1819
1820
1821 \long\def\@bidi@p@xftntext[#1]#2{%
1822 \global\@bidi@p@ftn\expandafter{\the\@bidi@p@ftn\footnotetext[#1]{#2}}}
1823
1824 \long\def\@bidi@p@xLTRftntext[#1]#2{%
1825 \global\@bidi@p@ftn\expandafter{\the\@bidi@p@ftn\LTRfootnotetext[#1]{#2}}}
1826
1827 \long\def\@bidi@p@xRTLftntext[#1]#2{%

```



```

1828 \global\bidip@ftn\expandafter{\the\bidip@ftn\RTLfootnotetext[#1]{#2}}
1829
1830
1831 \def\bidip@xfootnote[#1]{%
1832   \begingroup
1833     \csname c@\mpfn\endcsname #1\relax
1834     \unrestored@protected@xdef\thefnmark{\thempfn}%
1835   \endgroup
1836   \@footnotemark\bidip@xftntext[#1]}
1837
1838
1839 \def\bidip@xLTRfootnote[#1]{%
1840   \begingroup
1841     \csname c@\mpfn\endcsname #1\relax
1842     \unrestored@protected@xdef\thefnmark{\thempfn}%
1843   \endgroup
1844   \@footnotemark\bidip@xLTRftntext[#1]}
1845
1846
1847 \def\bidip@xRTLfootnote[#1]{%
1848   \begingroup
1849     \csname c@\mpfn\endcsname #1\relax
1850     \unrestored@protected@xdef\thefnmark{\thempfn}%
1851   \endgroup
1852   \@footnotemark\bidip@xRTLftntext[#1]}
1853
1854 \def\@xfloat #1[#2]{%
1855   \nodocument
1856   \def \@capttype {#1}%
1857   \def \@fps {#2}%
1858   \@onelevel@sanitize \@fps
1859   \def \reserved@b {!}%
1860   \ifx \reserved@b \@fps
1861     \@fpsadddefault
1862   \else
1863     \ifx \@fps \@empty
1864       \@fpsadddefault
1865     \fi
1866   \fi
1867   \ifhmode
1868     \@bsphack
1869     \@floatpenalty -\@Mii
1870   \else
1871     \@floatpenalty-\@Miii
1872   \fi
1873   \ifinner
1874     \@parmoderr\@floatpenalty\z@
1875   \else
1876     \@next\@currbox\@freelist
1877   {%

```

```

1878 \@tempcnta \sixt@@n
1879 \expandafter \@tfor \expandafter \reserved@a
1880 \expandafter :\expandafter =\@fps
1881 \do
1882 {%
1883 \if \reserved@a h%
1884 \ifodd \@tempcnta
1885 \else
1886 \advance \@tempcnta \@ne
1887 \fi
1888 \fi
1889 \if \reserved@a t%
1890 \@setfpsbit \tw@
1891 \fi
1892 \if \reserved@a b%
1893 \@setfpsbit 4%
1894 \fi
1895 \if \reserved@a p%
1896 \@setfpsbit 8%
1897 \fi
1898 \if \reserved@a !%
1899 \ifnum \@tempcnta>15
1900 \advance\@tempcnta -\sixt@@n\relax
1901 \fi
1902 \fi
1903 }%
1904 \@tempcntb \csname ftype@\@capttype \endcsname
1905 \multiply \@tempcntb \@xxxii
1906 \advance \@tempcnta \@tempcntb
1907 \global \count\@currbox \@tempcnta
1908 }%
1909 \@fltovf
1910 \fi
1911 \global \setbox\@currbox
1912 \color@vbox
1913 \normalcolor
1914 \vbox \bgroup
1915 \let\@footnotetext\@p@ftntext
1916 \let\@LTRfootnotetext\@p@LTRftntext
1917 \let\@RTLfootnotetext\@p@RTLftntext
1918 \let\@xfootnotenext\@p@xftntext
1919 \let\@xfootnote\@p@xfootnote
1920 \let\@xLTRfootnotenext\@p@xLTRftntext
1921 \let\@xLTRfootnote\@p@xLTRfootnote
1922 \let\@xRTLfootnotenext\@p@xRTLftntext
1923 \let\@xRTLfootnote\@p@xRTLfootnote
1924 \hsize\columnwidth
1925 \@parboxrestore
1926 \@floatboxreset
1927 }

```

```

1928 \def \@endfloatbox{%
1929     \par\vskip\z@skip      %% \par\vskip\z@ added 15 Dec 87
1930     \@minipagefalse
1931     \outer@nobreak
1932     \egroup                %% end of vbox
1933     \global\bidip@ftn\expandafter{\expandafter}\the\bidip@ftn
1934     \color@endbox
1935 }

```

7.17 bidi-longtable.sty

```

1936 \ProvidesPackage{bidi-longtable}[2012/12/12 v0.1 typesetting bidi longtables in XeTeX engine]
1937 \def\longtable{\if@RTL\@RTLtabtrue\fi%
1938     \par
1939     \ifx\multicols\@undefined
1940     \else
1941         \ifnum\col@number>\@ne
1942             \@twocolumntrue
1943         \fi
1944     \fi
1945     \if@twocolumn
1946         \LT@err{longtable not in 1-column mode}\@ehc
1947     \fi
1948     \begingroup
1949     \@ifnextchar[\LT@array{\LT@array[x]}}
1950 \def\endlongtable{%
1951     \crrc
1952     \noalign{%
1953         \let\LT@entry\LT@entry@chop
1954         \xdef\LT@save@row{\LT@save@row}}%
1955     \LT@echunk
1956     \LT@start
1957     \unvbox\z@
1958     \LT@get@widths
1959     \if@filesw
1960         {\let\LT@entry\LT@entry@write\immediate\write\@auxout{%
1961             \gdef\expandafter\noexpand
1962                 \csname LT@\romannumeral\c@LT@tables\endcsname
1963                 {\LT@save@row}}}%
1964     \fi
1965     \ifx\LT@save@row\LT@@save@row
1966     \else
1967         \LT@warn{Column \@width s have changed\MessageBreak
1968             in table \thetable}%
1969     \LT@final@warn
1970     \fi
1971     \endgraf\penalty -\LT@end@pen
1972     \endgroup
1973     \global\@mparbottom\z@
1974     \pagegoal\vsiz

```

```

1975 \endgraf\penalty\z@\addvspace\LTpost
1976 \ifvoid\footins\else\insert\footins{}\fi\@RTLtabfalse}
1977 \def\LT@output{%
1978 \ifnum\outputpenalty <-\@Mi
1979 \ifnum\outputpenalty > -\LT@end@pen
1980 \LT@err{floats and marginpars not allowed in a longtable}\@ehc
1981 \else
1982 \setbox\z@\vbox{\unvbox\@cclv}%
1983 \ifdim \ht\LT@lastfoot>\ht\LT@foot
1984 \dimen@ \pagegoal
1985 \advance\dimen@-\ht\LT@lastfoot
1986 \ifdim\dimen@<\ht\z@
1987 \setbox\@cclv\vbox{\unvbox\z@\copy\LT@foot\vss}%
1988 \@makecol
1989 \@outputpage
1990 \setbox\z@\vbox{\box\LT@head}%
1991 \fi
1992 \fi
1993 \global\@colroom\@colht
1994 \global\vsizel\@colht
1995 \vbox
1996 {\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\z@\box\ifvoid\LT@lastfoot\LT@foot\else\LT@la
1997 \fi
1998 \else
1999 \setbox\@cclv\vbox{\hbox{\if@RTLtab\beginR\fi\vbox{\unvbox\@cclv\copy\LT@foot\vss}\if@RTL
2000 \@makecol
2001 \@outputpage
2002 \global\vsizel\@colroom
2003 \copy\LT@head\nobreak
2004 \fi}

```

7.18 bidimoderncv.cls

```

2005 \NeedsTeXFormat{LaTeX2e}
2006 \ProvidesClass{bidimoderncv}
2007 \newif\if@DEBUG\@DEBUGfalse
2008 \DeclareOption{a4paper}{
2009 \setlength\paperheight{297mm}
2010 \setlength\paperwidth{210mm}}
2011 \DeclareOption{a5paper}{
2012 \setlength\paperheight{210mm}
2013 \setlength\paperwidth{148mm}}
2014 \DeclareOption{b5paper}{
2015 \setlength\paperheight{250mm}
2016 \setlength\paperwidth{176mm}}
2017 \DeclareOption{letterpaper}{
2018 \setlength\paperheight{11in}
2019 \setlength\paperwidth{8.5in}}
2020 \DeclareOption{legalpaper}{
2021 \setlength\paperheight{14in}

```

```

2022 \setlength\paperwidth{8.5in}}
2023 \DeclareOption{executivepaper}{
2024 \setlength\paperheight{10.5in}
2025 \setlength\paperwidth{7.25in}}
2026 \DeclareOption{landscape}{
2027 \setlength\@tempdima{\paperheight}
2028 \setlength\paperheight{\paperwidth}
2029 \setlength\paperwidth{\@tempdima}}
2030 \newcommand\@ptsize{}
2031 \DeclareOption{10pt}{\renewcommand\@ptsize{0}}
2032 \DeclareOption{11pt}{\renewcommand\@ptsize{1}}
2033 \DeclareOption{12pt}{\renewcommand\@ptsize{2}}
2034 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
2035 \DeclareOption{final}{\setlength\overfullrule{0pt}}
2036 \newif\if@colour\@colourtrue
2037 \DeclareOption{nocolour}{\@colourfalse}
2038 \ExecuteOptions{a4paper,11pt,colour,final}
2039 \ProcessOptions\relax
2040 \input{size1\@ptsize.clo}
2041 \RequirePackage{color}
2042 \RequirePackage{graphicx}
2043 \RequirePackage{ifthen}
2044 \RequirePackage{marvosym}
2045 \addtolength{\oddsidemargin}{-54pt}
2046 \addtolength{\textwidth}{109pt}
2047 \addtolength{\topmargin}{-70pt}
2048 \addtolength{\textheight}{122pt}
2049 \addtolength{\marginparsep}{-5pt}
2050 \addtolength{\marginparwidth}{-10pt}
2051 \RequirePackage{url}
2052 \RequirePackage{hyperref}
2053 \hypersetup{
2054   breaklinks,
2055   baseurl      = http://,%
2056   pdfborder    = 0 0 0,%
2057   pdfpagemode  = UseNone,%
2058   pdfstartpage = 1}
2059 \AtEndOfClass{
2060 \AtBeginDocument{
2061   \hypersetup{
2062     pdfauthor      = \@firstname~\@familyname,%
2063     pdftitle       = \@title,%
2064     pdfsubject     = \@firstname~\@familyname,%
2065     pdfkeywords    = \@resumename~\@firstname~\@familyname}}}
2066 \urlstyle{tt}
2067 \RequirePackage{fancyhdr}
2068 \fancypagestyle{plain}{
2069   \renewcommand{\headrulewidth}{0pt}
2070   \renewcommand{\footrulewidth}{0pt}
2071   \fancyhf{}}

```

```

2072 \pagestyle{plain}
2073 \setlength\lineskip{1\p@}
2074 \setlength\normallineskip{1\p@}
2075 \renewcommand\baselinestretch{}
2076 \setlength{\parindent}{0pt}
2077 \setlength{\parskip}{0pt}
2078 \setlength\columnsep{10\p@}
2079 \setlength\columnseprule{0\p@}
2080 \pagestyle{empty}
2081 \pagenumbering{arabic}
2082 \raggedbottom
2083 \onecolumn
2084 \providecommand*\listitemsymbol{\textbullet}
2085 \providecommand*\addresssymbol{}
2086 \providecommand*\mobilesymbol{\Mobilefone}
2087 \providecommand*\phonesymbol{\Telefon}
2088 \providecommand*\faxsymbol{\FAX}
2089 \providecommand*\emailsymbol{\Letter}
2090 \definecolor{firstnamecolor}{rgb}{0,0,0}
2091 \def\firstnamecolour#1{\gdef\@firstnamecolour{\addfontfeature{Color=#1}}}
2092 \def\familynamecolour#1{\gdef\@familynamecolour{\addfontfeature{Color=#1}}}
2093 \def\titlecolour#1{\gdef\@titlecolour{\addfontfeature{Color=#1}}}
2094 \def\addresscolour#1{\gdef\@addresscolour{\addfontfeature{Color=#1}}}
2095 \def\quotecolour#1{\gdef\@quotecolour{\addfontfeature{Color=#1}}}
2096 \def\sectiontitlecolour#1{\gdef\@sectiontitlecolour{\addfontfeature{Color=#1}}}
2097 \definecolor{sectionrectanglecolor}{rgb}{0,0,0}
2098 \def\subsectioncolour#1{\gdef\@subsectioncolour{\addfontfeature{Color=#1}}}
2099 \def\hintcolour#1{\gdef\@hintcolour{\addfontfeature{Color=#1}}}
2100 \providecommand*\firstnamefont{}
2101 \providecommand*\familynamefont{}
2102 \providecommand*\titlefont{}
2103 \providecommand*\addressfont{}
2104 \providecommand*\quotefont{}
2105 \providecommand*\sectionfont{}
2106 \providecommand*\subsectionfont{}
2107 \providecommand*\hintfont{\small}
2108 \providecommand*\firstnamestyle[1]{\{\@firstnamefont\@firstnamecolour#1\}}
2109 \providecommand*\familynamestyle[1]{\{\@familynamefont\@familynamecolour#1\}}
2110 \providecommand*\titlestyle[1]{\{\@titlefont\@titlecolour#1\}}
2111 \providecommand*\addresstyle[1]{\{\@addressfont\@addresscolour#1\}}
2112 \providecommand*\quotestyle[1]{\{\@quotefont\@quotecolour#1\}}
2113 \providecommand*\sectionstyle[1]{\{\@sectionfont\@sectiontitlecolour#1\}}
2114 \providecommand*\subsectionstyle[1]{\{\@subsectionfont\@subsectioncolour#1\}}
2115 \providecommand*\hintstyle[1]{\{\@hintfont\@hintcolour#1\}}
2116 \newcommand*\cvtheme[2][]{
2117   \def\@cvtheme{#2}
2118   \def\@cvthemeoptions{#1}
2119   \cvtheme{bidi-casual}
2120 \AtBeginDocument{\RequirePackage[\@cvthemeoptions]{cvtheme\@cvtheme}}
2121 \newcommand*\resumename[1]{\def\@resumename{#1}}

```

```

2122 \newcommand*{\firstname}[1]{\def\@firstname{#1}}
2123 \newcommand*{\familyname}[1]{\def\@familyname{#1}}
2124 \renewcommand*{\title}[1]{\def\@title{#1}}
2125 \newcommand*{\address}[1]{\def\@address{#1}}
2126 \newcommand*{\mobile}[1]{\def\@mobile{#1}}
2127 \newcommand*{\phone}[1]{\def\@phone{#1}}
2128 \renewcommand*{\fax}[1]{\def\@fax{#1}}
2129 \newcommand*{\email}[1]{\def\@email{#1}}
2130 \newcommand*{\extrainfo}[1]{\def\@extrainfo{#1}}
2131 \def\@photowidth{0pt}
2132 \newcommand*{\photo}[2][64pt]{\def\@photowidth{#1}\def\@photo{#2}}
2133 \newcommand*{\quote}[1]{\def\@quote{#1}}
2134 \newlength{\quotewidth}
2135 \newlength{\hintscolumnwidth}
2136 \newlength{\separatorcolumnwidth}
2137 \setlength{\separatorcolumnwidth}{0.025\textwidth}
2138 \newlength{\maincolumnwidth}
2139 \newlength{\doubleitemmaincolumnwidth}
2140 \newlength{\listitemsymbolwidth}
2141 \settowidth{\listitemsymbolwidth}{\listitemsymbol{}}
2142 \newlength{\listitemmaincolumnwidth}
2143 \newlength{\listdoubleitemmaincolumnwidth}
2144 \newcommand*{\recomputethemelengths}{}
2145 \newcommand*{\recomputelengths}{%
2146 \setlength{\quotewidth}{0.65\textwidth}%
2147 \setlength{\maincolumnwidth}{\textwidth}%
2148 \addtolength{\maincolumnwidth}{-\separatorcolumnwidth}%
2149 \addtolength{\maincolumnwidth}{-\hintscolumnwidth}%
2150 \setlength{\listitemmaincolumnwidth}{\maincolumnwidth}%
2151 \addtolength{\listitemmaincolumnwidth}{-\listitemsymbolwidth}%
2152 \setlength{\doubleitemmaincolumnwidth}{\maincolumnwidth}%
2153 \addtolength{\doubleitemmaincolumnwidth}{-\hintscolumnwidth}%
2154 \addtolength{\doubleitemmaincolumnwidth}{-\separatorcolumnwidth}%
2155 \setlength{\doubleitemmaincolumnwidth}{0.5\doubleitemmaincolumnwidth}%
2156 \setlength{\listdoubleitemmaincolumnwidth}{\maincolumnwidth}%
2157 \addtolength{\listdoubleitemmaincolumnwidth}{-\listitemsymbolwidth}%
2158 \setlength{\listdoubleitemmaincolumnwidth}{0.475\listdoubleitemmaincolumnwidth}%
2159 \renewcommand{\headwidth}{\textwidth}%
2160 \recomputethemelengths}
2161 \setlength{\hintscolumnwidth}{0.15\textwidth}
2162 \recomputelengths
2163 \title{}
2164 \renewcommand*{\maketitle}{}
2165 \newcommand*{\section}[1]{%
2166 \vspace*{2.5ex \@plus 1ex \@minus .2ex}%
2167 \phantomsection}%
2168 \addcontentsline{toc}{part}{#1}%
2169 \parbox[m]{\hintscolumnwidth}{\bidi@raggedleft\hintfont{\leavevmode\color{sectionrectangle}
2170 \hspace{\separatorcolumnwidth}%
2171 \parbox[m]{\maincolumnwidth}{\sectionstyle{#1}}\ll[1ex]}

```

```

2172 \newcommand*{\subsection}[1]{%
2173   \cvline[0.45em]{\subsectionstyle{#1}}%
2174 \newcommand*{\cvline}[3][.25em]{%
2175   \begin{tabular}{@{}p{\hintscolumnwidth}@{\hspace{\separatorcolumnwidth}}p{\maincolumnwidth}}
2176     \bidi@raggedleft\hintfont{#2} &{#3}%
2177   \end{tabular}\[\[1]}
2178 \newcommand*{\cvdoubleitem}[4]{%
2179   \cvline{#1}{\begin{minipage}[t]{\doubleitemmaincolumnwidth}#2\end{minipage}}%
2180   \hfill%
2181   \begin{minipage}[t]{\hintscolumnwidth}\bidi@raggedleft\hintfont{#3}\end{minipage}\hspace*{\s
2182 \newcommand*{\cvlistitem}[2][\listitemsymbol]{}%
2183   \cvline[0pt]{\#1~\begin{minipage}[t]{\listitemmaincolumnwidth}#2\end{minipage}}%
2184 \newcommand*{\cvlistdoubleitem}[3][\listitemsymbol]{}%
2185   \cvline[0pt]{\#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#2\end{minipage}}%
2186   \hfill%
2187   \ifthenelse{\equal{#3}{}}{%
2188     }{%
2189     {\#1~\begin{minipage}[t]{\listdoubleitemmaincolumnwidth}#3\end{minipage}}}%
2190 \newcommand*{\cventry}[6]{%
2191   \cvline{#1}{%
2192     {\bfseries#2}%
2193     \ifx#3\else{, {\slshape#3}}\fi%
2194     \ifx#4\else{, #4}\fi%
2195     \ifx#5\else{, #5}\fi%
2196     .%
2197     \ifx#6\else{\newline{}\begin{minipage}[t]{\linewidth}\small#6\end{minipage}}\fi
2198   }%
2199 \newcommand*{\cvlanguage}[3]{%
2200   \cvline{#1}{\begin{minipage}[t]{.225\maincolumnwidth}\textbf{#2}\end{minipage}\hfill\begin{
2201 \newcommand*{\cvcomputer}[4]{%
2202   \cvdoubleitem{#1}{\small#2}{#3}{\small#4}}
2203 \newcommand*{\link}[2][{}]{%
2204   \ifthenelse{\equal{#1}{}}{%
2205     {\href{#2}{#2}}%
2206     {\href{#2}{#1}}}
2207 \newcommand*{\httplink}[2][{}]{%
2208   \ifthenelse{\equal{#1}{}}{%
2209     {\href{http://#2}{#2}}%
2210     {\href{http://#2}{#1}}}
2211 \newcommand*{\emailink}[2][{}]{%
2212   \ifthenelse{\equal{#1}{}}{%
2213     {\href{mailto:#2}{#2}}%
2214     {\href{mailto:#2}{#1}}}
2215 \newif\if@displaypagenumbers\@displaypagenumberstrue
2216 \newcommand*{\nopagenumbers}{\@displaypagenumbersfalse}
2217 \AtBeginDocument{%
2218   \if@displaypagenumbers%
2219     \@ifundefined{r@lastpage}{}{%
2220       \ifthenelse{\pageref{lastpage} > 1}{%
2221         \fancypagestyle{plain}{%

```



```

2222 \fancyfoot[r]{\beginL\addressfont\@quotecolour\footnotesize\thepage\beginL/\endL\page
2223 \pagestyle{plain}}{}}%
2224 \AtEndDocument{\label{lastpage}}%
2225 \fi}
2226 \newlength{\bibindent}
2227 \setlength{\bibindent}{1.5em}
2228 \newcommand*{\bibliographyitemlabel}{\includegraphics{bibitem.pdf}}
2229 \newenvironment{thebibliography}[1]%
2230 {%
2231 \section{\refname}%
2232 \small%
2233 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
2234 \begin{list}{\bibliographyitemlabel}%
2235 {%
2236 \setlength{\topsep}{0pt}%
2237 \setlength{\labelwidth}{\hintscolumnwidth}%
2238 \setlength{\labelsep}{\separatorcolumnwidth}%
2239 \leftmargin\labelwidth%
2240 \advance\leftmargin\labelsep%
2241 \@openbib@code%
2242 \usecounter{enumiv}%
2243 \let\p@enumiv\@empty%
2244 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
2245 \sloppy\clubpenalty4000\widowpenalty4000%
2246 }%
2247 {%
2248 \def\@noitemerr{\@latex@warning{Empty 'thebibliography' environment}}%
2249 \end{list}%
2250 }
2251 \newcommand\newblock{\hskip .11em\@plus.33em\@minus.07em}
2252 \let\@openbib@code\@empty

```

7.19 biditools.sty

```

2253 \NeedsTeXFormat{LaTeX2e}
2254 \ProvidesPackage{biditools}[2013/04/10 v0.2 Programming tools for bidi package]
2255 \providecommand{\@bidi@saveprimitive}[2]{\begingroup\escapechar'\@relax
2256 \edef\@tempa{\string#1}\edef\@tempb{\meaning#1}%
2257 \ifx\@tempa\@tempb \global\let#2#1%
2258 \else
2259 \edef\@tempb{\meaning#2}%
2260 \ifx\@tempa\@tempb
2261 \else
2262 \latex@error{Unable to properly define \string#2; primitive
2263 \noexpand#1no longer primitive}\@eha
2264 \fi
2265 \fi
2266 \endgroup}
2267 \def\@tagsextension{clo}
2268 \def\@definitionfileextension{def}

```

```

2269 \def\@iftagsloaded{\@ifl@aded\@tagsextension}
2270 \def\@ifdefinitionfileloaded{\@ifl@aded\@definitionfileextension}
2271 \def\eqnewif#1#2{%
2272   \count@\escapechar \escapechar\m@ne
2273   \let#1\iffalse
2274   \let#2\iffalse
2275   \eq@if#1#2\iftrue
2276   \eq@if#1#2\iffalse
2277   \escapechar\count@}
2278 \def\eq@if#1#2#3{%
2279   \expandafter\def\csname\expandafter\@gobbletwo\string#1%
2280     \expandafter\@gobbletwo\string#3\endcsname
2281     {\let#1#3%
2282     \let#2#3}%
2283   \expandafter\def\csname\expandafter\@gobbletwo\string#2%
2284     \expandafter\@gobbletwo\string#3\endcsname
2285     {\let#2#3%
2286     \let#1#3}}
2287 \newcommand*{\if@bidi@csdef}[1]{%
2288   \ifcsname#1\endcsname
2289     \expandafter\@firstoftwo
2290   \else
2291     \expandafter\@secondoftwo
2292   \fi}
2293 \newcommand*{\if@bidi@csundef}[1]{%
2294   \ifcsname#1\endcsname
2295     \expandafter\ifx\csname#1\endcsname\relax
2296     \expandafter\expandafter
2297     \expandafter\@firstoftwo
2298   \else
2299     \expandafter\expandafter
2300     \expandafter\@secondoftwo
2301   \fi
2302   \else
2303     \expandafter\@firstoftwo
2304   \fi}
2305 \newcommand{\if@bidi@def}[1]{%
2306   \ifdefined#1%
2307     \expandafter\@firstoftwo
2308   \else
2309     \expandafter\@secondoftwo
2310   \fi}
2311 \newcommand{\if@bidi@undef}[1]{%
2312   \ifdefined#1%
2313     \ifx#1\relax
2314       \expandafter\expandafter
2315       \expandafter\@firstoftwo
2316     \else
2317       \expandafter\expandafter
2318       \expandafter\@secondoftwo

```

```

2319 \fi
2320 \else
2321 \expandafter\@firstoftwo
2322 \fi}
2323 \newcommand{\if@bidi@blank}[1]{% from url.sty
2324 \bidi@ifblank@i#1&&\@secondoftwo\@firstoftwo:}
2325 \long\def\bidi@ifblank@i#1#2&#3#4#5:{#4}
2326 \newcommand{\bidi@notblank}[1]{%
2327 \bidi@ifblank@i#1&&\@firstoftwo\@secondoftwo:}
2328 \newcommand{\if@bidi@defmacro}{%
2329 \long\edef\if@bidi@defmacro#1{%
2330 \noexpand\expandafter\noexpand\bidi@ifdefmacro
2331 \noexpand\meaning#1\detokenize{macro}:&}
2332 \edef\bidi@ifdefmacro{%
2333 \def\noexpand\bidi@ifdefmacro##1\detokenize{macro}:##2&
2334 \bidi@ifdefmacro{\bidi@notblank{#2}}
2335 \newcommand*{\if@bidi@csmacro}[1]{%
2336 \if@bidi@csdef{#1}
2337 {\expandafter\if@bidi@defmacro\csname#1\endcsname}
2338 {\@secondoftwo}}
2339 \newcommand{\if@bidi@defprimitive}[1]{%
2340 \ifprimitive#1%
2341 \expandafter\@firstoftwo
2342 \else
2343 \expandafter\@secondoftwo
2344 \fi}
2345 \newcommand{\if@bidi@csprimitive}[1]{%
2346 \begingroup\expandafter\expandafter\expandafter\endgroup%
2347 \expandafter\ifprimitive\csname#1\endcsname%
2348 \expandafter\@firstoftwo
2349 \else
2350 \expandafter\@secondoftwo
2351 \fi}
2352 \newcommand*{\bidi@csdefcs}[2]{%
2353 \expandafter\@ifdefinable \csname#1\endcsname{%
2354 \expandafter\def\csname#1\expandafter\endcsname{\csname#2\endcsname}}
2355 \newcommand*{\bidi@csletcs}[2]{%
2356 \expandafter\@ifdefinable \csname#1\endcsname{%
2357 \expandafter\let\csname#1\expandafter\endcsname\csname#2\endcsname}}
2358 \newcommand*{\bidi@cslet}[2]{%
2359 \expandafter\@ifdefinable \csname#1\endcsname{%
2360 \expandafter\let\csname#1\endcsname#2}}
2361 \newcommand{\bidi@namelongdef}[1]{%
2362 \long\expandafter\def\csname #1\endcsname}
2363 \def\bidi@ensure@newcommand{\@star@or@long\bidi@ensure@new@command}
2364 \def\bidi@ensure@new@command#1{%
2365 \begingroup \escapechar\mOne\xdef\@gtempa{\string#1}\endgroup
2366 \expandafter\if@bidi@csundef\@gtempa
2367 {\new@command#1}{\relax%
2368 \let\@ifdefinable\@rc@ifdefinable%

```

```

2369 \new@command#1}}
2370 \def\bidi@ensure@newlength#1{\if@bidi@undef#1{\newskip#1}{}}
2371
2372 \protected\def\bidi@error{\PackageError{bidi}}
2373 \protected\def\bidi@warning{\PackageWarning{bidi}}
2374 \protected\def\bidi@info{\PackageInfo{bidi}}
2375
2376 \newcommand*{\bidi@newrobustcmd}{}
2377 \protected\def\bidi@newrobustcmd{\@star@or@long\bidi@new@command}
2378
2379 \def\bidi@new@command#1{\@testopt{\bidi@newcommand#1}0}
2380
2381 \def\bidi@newcommand#1[#2]{%
2382   \ifnextchar[%
2383     {\bidi@xargdef#1[#2]}
2384     {\ifx\l@ngrelx\relax
2385       \let\l@ngrelx\protected
2386       \else
2387         \protected\def\l@ngrelx{\protected\long}%
2388       \fi
2389       \@argdef#1[#2]}}
2390
2391 \long\def\bidi@xargdef#1[#2][#3]#4{%
2392   \@ifdefinable#1{%
2393     \expandafter\protected
2394     \expandafter\def
2395     \expandafter#1%
2396     \expandafter{%
2397       \expandafter\@testopt
2398       \csname\string#1\endcsname{#3}}%
2399     \expandafter\@yargdef\csname\string#1\endcsname\tw@{#2}{#4}}}
2400
2401 \bidi@newrobustcmd*{\bidi@renewrobustcmd}{\@star@or@long\bidi@renew@command}
2402
2403 \def\bidi@renew@command#1{%
2404   \if@bidi@undef{#1}
2405     {\bidi@error{\string#1 undefined}\@ehc}
2406     {}%
2407   \let\@ifdefinable\@rc@ifdefinable
2408   \bidi@new@command#1}
2409
2410
2411
2412 \bidi@newrobustcmd*{\bidi@providerobustcmd}{\@star@or@long\bidi@provide@command}
2413
2414 \def\bidi@provide@command#1{%
2415   \if@bidi@undef{#1}
2416     {\def\reserved@a{\bidi@new@command#1}}
2417     {\def\reserved@a{\bidi@renew@command\reserved@a}}%
2418   \reserved@a}

```

```

2419
2420 \newcommand*{\bidi@csuse}[1]{%
2421   \ifcsname#1\endcsname
2422   \csname#1\expandafter\endcsname
2423   \fi}
2424
2425 \newcommand{\bidi@expandonce}[1]{%
2426   \unexpanded\expandafter{#1}}
2427
2428 \def\bidi@protected{%
2429   \let\@@protect\protect
2430   \let\protect\@unexpandable@protect
2431   \afterassignment\restore@protect}
2432
2433 \bidi@newrobustcmd{\bidi@appto}[2]{%
2434   \if@bidi@undef{#1}
2435     {\edef#1{\unexpanded{#2}}}
2436     {\edef#1{\bidi@expandonce#1\unexpanded{#2}}}}
2437 \bidi@newrobustcmd{\bidi@eappto}[2]{%
2438   \if@bidi@undef{#1}
2439     {\edef#1{#2}}
2440     {\edef#1{\bidi@expandonce#1#2}}}
2441 \bidi@newrobustcmd{\bidi@gappto}[2]{%
2442   \if@bidi@undef{#1}
2443     {\xdef#1{\unexpanded{#2}}}
2444     {\xdef#1{\bidi@expandonce#1\unexpanded{#2}}}}
2445 \bidi@newrobustcmd{\bidi@xappto}[2]{%
2446   \if@bidi@undef{#1}
2447     {\xdef#1{#2}}
2448     {\xdef#1{\bidi@expandonce#1#2}}}
2449
2450 \bidi@newrobustcmd*{\bidi@protected@eappto}{\bidi@protected\bidi@eappto}
2451 \bidi@newrobustcmd*{\bidi@protected@xappto}{\bidi@protected\bidi@xappto}
2452
2453
2454
2455 \bidi@newrobustcmd{\bidi@preto}[2]{%
2456   \if@bidi@undef{#1}
2457     {\edef#1{\unexpanded{#2}}}
2458     {\edef#1{\unexpanded{#2}\bidi@expandonce#1}}}
2459 \bidi@newrobustcmd{\bidi@epreto}[2]{%
2460   \if@bidi@undef{#1}
2461     {\edef#1{#2}}
2462     {\edef#1{#2\bidi@expandonce#1}}}
2463 \bidi@newrobustcmd{\bidi@gpreto}[2]{%
2464   \if@bidi@undef{#1}
2465     {\xdef#1{\unexpanded{#2}}}
2466     {\xdef#1{\unexpanded{#2}\bidi@expandonce#1}}}
2467 \bidi@newrobustcmd{\bidi@xpreto}[2]{%
2468   \if@bidi@undef{#1}

```

```

2469     {\xdef#1{#2}}
2470     {\xdef#1{#2\bid@expandonce#1}}}
2471
2472 \bid@newrobustcmd*{\bid@protected@epreto}{\bid@protected\bid@epreto}
2473 \bid@newrobustcmd*{\bid@protected@xpreto}{\bid@protected\bid@xpreto}
2474
2475
2476
2477 \bid@newrobustcmd*{\bid@csappto}[1]{\expandafter\bid@appto\csname#1\endcsname}
2478 \bid@newrobustcmd*{\bid@cseappto}[1]{\expandafter\bid@eappto\csname#1\endcsname}
2479 \bid@newrobustcmd*{\bid@csgappto}[1]{\expandafter\bid@gappto\csname#1\endcsname}
2480 \bid@newrobustcmd*{\bid@csxappto}[1]{\expandafter\bid@xappto\csname#1\endcsname}
2481 \bid@newrobustcmd*{\bid@protected@cseappto}{\bid@protected\bid@cseappto}
2482 \bid@newrobustcmd*{\bid@protected@csxappto}{\bid@protected\bid@csxappto}
2483
2484
2485
2486 \bid@newrobustcmd*{\bid@cspreto}[1]{\expandafter\bid@preto\csname#1\endcsname}
2487 \bid@newrobustcmd*{\bid@cspreto}[1]{\expandafter\bid@epreto\csname#1\endcsname}
2488 \bid@newrobustcmd*{\bid@csgpreto}[1]{\expandafter\bid@gpreto\csname#1\endcsname}
2489 \bid@newrobustcmd*{\bid@csxpreto}[1]{\expandafter\bid@xpreto\csname#1\endcsname}
2490 \bid@newrobustcmd*{\bid@protected@cspreto}{\bid@protected\bid@cspreto}
2491 \bid@newrobustcmd*{\bid@protected@csxpreto}{\bid@protected\bid@csxpreto}
2492
2493
2494
2495 \bid@newrobustcmd{\if@bid@patchable}{%
2496   \bid@dbg@trce\if@bid@patchable
2497   \begingroup
2498   \@makeother\#%
2499   \@ifstar\bid@ifpatchable@i\bid@ifpatchable}
2500
2501 \long\def\bid@ifpatchable#1#2{%
2502   \endgroup
2503   \bid@dbg@init#1%
2504   \if@bid@undef{#1}
2505     {\bid@dbg@fail{def}\@secondoftwo}
2506     {\bid@dbg@info{def}%
2507       \if@bid@defmacro{#1}
2508         {\bid@dbg@info{mac}%
2509           \bid@ifscanable{#1}
2510           {\bid@ifhashcheck{#2}
2511             {\bid@dbg@info{tok}%
2512               \bid@ifpattern#1{#2}
2513               {\bid@dbg@info{pat}%
2514                 \bid@dbg@info{pos}\@firstoftwo}
2515                 {\bid@dbg@fail{pat}\@secondoftwo}}
2516               {\bid@dbg@fail{hsh}\@secondoftwo}}
2517             {\bid@dbg@fail{tok}\@secondoftwo}}
2518             {\bid@dbg@fail{mac}\@secondoftwo}}}

```

```

2519
2520 \long\def\bid@ifpatchable#1{%
2521   \endgroup
2522   \bid@dbg@init#1%
2523   \if@bid@undef{#1}
2524     {\bid@dbg@fail{def}\@secondoftwo}
2525     {\bid@dbg@info{def}%
2526     \if@bid@defmacro{#1}
2527       {\bid@dbg@info{mac}%
2528       \if@bid@defparam{#1}
2529         {\bid@dbg@info{prm}%
2530         \bid@ifscanable{#1}
2531           {\bid@dbg@info{tok}%
2532           \bid@dbg@info{pos}\@firstoftwo}
2533           {\bid@dbg@fail{tok}\@secondoftwo}}
2534         {\bid@dbg@info{prl}%
2535         \if@bid@defprotected{#1}
2536           {\bid@dbg@info{pro}}
2537           {}%
2538         \bid@dbg@info{pos}\@firstoftwo}}
2539       {\bid@dbg@fail{mac}\@secondoftwo}}}}
2540
2541 \bid@newrobustcmd*{\bid@patchcmd}{%
2542   \bid@dbg@trce\bid@patchcmd
2543   \begingroup
2544   \@makeother\#%
2545   \bid@@patchcmd}
2546
2547 \newcommand{\bid@@patchcmd}[4][#####1]{%
2548   \bid@ifpatchable#2{#3}
2549   {\bid@dbg@succ{ret}%
2550   \begingroup
2551   \edef\bid@resrvda{%
2552     \def\noexpand\bid@resrvda####1\detokenize{macro:}####2->####3&{%
2553       #1\def\string\bid@resrvda\space####2{\noexpand\bid@resrvdb####3&}}}%
2554   \def\noexpand\bid@resrvdb####1\detokenize{#3}####2&{%
2555     ####1\detokenize{#4}####2}%
2556   \edef\noexpand\bid@resrvda{%
2557     \noexpand\bid@resrvda\meaning#2&}}%
2558   \bid@resrvda
2559   \bid@patchcmd@scantoks\bid@resrvda
2560   \let#2\bid@resrvda
2561   \bid@undef\bid@resrvda
2562   \@firstoftwo}
2563   {\@secondoftwo}}
2564
2565 \def\bid@patchcmd@scantoks#1{%
2566   \edef\bid@resrvda{\endgroup
2567     \unexpanded{\makeatletter\scantokens}{#1}%
2568     \catcode\number'\@=\the\catcode'\@\relax}%

```

```

2569 \bidi@resrvda}
2570
2571 \newcommand\bidi@isloaded[2][ ]{
2572 \expandafter\ifx\csname if@bidi@#2loaded@\endcsname\relax
2573 \expandafter\newif\csname if@bidi@#2loaded@\endcsname
2574 \fi
2575 \@ifpackageloaded{#2}
2576 {\csname @bidi@#2loaded@true\endcsname #1}
2577 {\csname @bidi@#2loaded@false\endcsname}}
2578
2579 \protected\def\bidi@ifscanable#1{%
2580 \begingroup
2581 \edef\bidi@resrvda{%
2582 \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
2583 ####1\def\string\bidi@resrvda####2{####3}}}%
2584 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda\meaning#1&}}%
2585 \bidi@resrvda
2586 \makeatletter
2587 \scantokens\expandafter{\bidi@resrvda}%
2588 \expandafter\endgroup\ifx#1\bidi@resrvda
2589 \expandafter\@firstoftwo
2590 \else
2591 \expandafter\@secondoftwo
2592 \fi}
2593
2594
2595 \protected\long\def\bidi@ifhashcheck#1{%
2596 \begingroup
2597 \edef\bidi@resrvda{\detokenize{#1}}%
2598 \expandafter\endgroup
2599 \expandafter\bidi@ifhashcheck@i\meaning\bidi@resrvda&}
2600
2601 \edef\bidi@ifhashcheck@i#1&{%
2602 \noexpand\expandafter
2603 \noexpand\bidi@ifhashcheck@ii
2604 \noexpand\strip@prefix#1\string#\string#&}
2605
2606 \edef\bidi@ifhashcheck@ii{%
2607 \def\noexpand\bidi@ifhashcheck@ii##1\string#\string###2&}
2608 \bidi@ifhashcheck@ii{\if@bidi@blank{#2}}
2609
2610
2611 \protected\long\def\bidi@ifpattern#1#2{%
2612 \begingroup
2613 \edef\bidi@resrvda{%
2614 \def\noexpand\bidi@resrvda####1\detokenize{#2}####2&{%
2615 \endgroup\noexpand\noexpand\noexpand\noexpand\if@bidi@blank{####2}}}%
2616 \edef\noexpand\bidi@resrvda{\noexpand\bidi@resrvda
2617 \expandafter\strip@prefix\meaning#1\detokenize{#2}&}%
2618 \noexpand\bidi@resrvda}

```



```

2619 \bidi@resrvda\@secondoftwo\@firstoftwo}
2620
2621
2622 \newcommand{\if@bidi@defparam}{%
2623 \long\edef\if@bidi@defparam#1{%
2624 \noexpand\expandafter\noexpand\bidi@ifdefparam
2625 \noexpand\meaning#1\detokenize{macro}:->&}
2626 \edef\bidi@ifdefparam{%
2627 \def\noexpand\bidi@ifdefparam##1\detokenize{macro}:##2->##3&}
2628 \bidi@ifdefparam{\bidi@notblank{#2}}
2629
2630
2631 \newcommand{\if@bidi@defprotected}{%
2632 \long\edef\if@bidi@defprotected#1{%
2633 \noexpand\expandafter\noexpand\bidi@ifdefprotected
2634 \noexpand\meaning#1|string\protected&}
2635 \edef\bidi@ifdefprotected{%
2636 \def\noexpand\bidi@ifdefprotected##1|string\protected##2&}
2637 \bidi@ifdefprotected{\bidi@notblank{#2}}
2638
2639
2640 \bidi@newrobustcmd{\bidi@undef}[1]{\let#1\bidi@undefined}
2641
2642 \let\bidi@dbg@trce@gobble
2643 \let\bidi@dbg@init@gobble
2644 \let\bidi@dbg@info@gobble
2645 \let\bidi@dbg@succ@gobble
2646 \let\bidi@dbg@fail@gobble
2647
2648
2649
2650 \bidi@newrobustcmd*{\bidi@apptocmd}{%
2651 \bidi@dbg@trce\bidi@apptocmd
2652 \begingroup
2653 \@makeother\%
2654 \bidi@hooktocmd\bidi@append}
2655
2656
2657
2658 \bidi@newrobustcmd*{\bidi@pretocmd}{%
2659 \bidi@dbg@trce\bidi@pretocmd
2660 \begingroup
2661 \@makeother\%
2662 \bidi@hooktocmd\bidi@prepend}
2663
2664 \long\def\bidi@hooktocmd#1#2#3{%
2665 \endgroup
2666 \bidi@dbg@init#2%
2667 \if@bidi@undef{#2}
2668 {\bidi@dbg@fail{def}}\@secondoftwo}

```

```

2669     {\bidi@dbg@info{def}}%
2670     \if@bidi@defmacro{#2}
2671         {\bidi@dbg@info{mac}}%
2672         \if@bidi@defparam{#2}
2673             {\bidi@dbg@info{prm}}%
2674             \bidi@ifscanable{#2}
2675             {\bidi@ifhashcheck{#3}
2676                 {\bidi@dbg@info{tok}}%
2677                 \bidi@dbg@succ{ret}}%
2678                 \bidi@hooktocmd@i#1#2{#3}}%
2679                 \@firstoftwo}
2680             {\bidi@dbg@fail{hsh}\@secondoftwo}}
2681             {\bidi@dbg@fail{tok}\@secondoftwo}}
2682     {\bidi@dbg@info{prl}}%
2683     \if@bidi@defprotected{#2}
2684         {\bidi@dbg@info{pro}}%
2685         \bidi@dbg@succ{red}}%
2686         \protected}
2687         {\bidi@dbg@succ{red}}}%
2688     \edef#2{#1{\bidi@expandonce#2}{\unexpanded{#3}}}%
2689     \@firstoftwo}}
2690     {\bidi@dbg@fail{mac}\@secondoftwo}}
2691
2692 \long\def\bidi@hooktocmd@i#1#2#3{%
2693     \begingroup
2694     \edef\bidi@resrvda{%
2695         \def\noexpand\bidi@resrvda####1\detokenize{macro}:####2->####3&{%
2696             ####1\def\string\bidi@resrvda\space####2{#1{####3}{\detokenize{#3}}}}}%
2697         \edef\noexpand\bidi@resrvda{%
2698             \noexpand\bidi@resrvda\meaning#2}}}%
2699     \bidi@resrvda
2700     \bidi@patchcmd@scantoks\bidi@resrvda
2701     \let#2\bidi@resrvda
2702     \bidi@undef\bidi@resrvda}
2703
2704 \long\def\bidi@append#1#2{#1#2}
2705 \long\def\bidi@prepend#1#2{#2#1}
2706
2707 \bidi@newrobustcmd*{\bidi@AtEndPreamble}{\bidi@gappto\bidi@endpreamblehook}
2708 \newcommand*{\bidi@endpreamblehook}{}
2709
2710 \bidi@preto\document{%
2711     \endgroup
2712     \let\bidi@AtEndPreamble\@firstofone
2713     \bidi@endpreamblehook
2714     \protected\def\bidi@AtEndPreamble{\@notprerr\@gobble}%
2715     \bidi@undef\bidi@endpreamblehook
2716     \begingroup}
2717
2718 \bidi@newrobustcmd*{\bidi@AfterPreamble}{\AtBeginDocument}

```

```

2719 \bidi@AtEndPreamble{\let\bidi@AfterPreamble\@firstofone}
2720
2721 \bidi@newrobustcmd*{\bidi@AfterEndPreamble}{\bidi@gappto\bidi@afterendpreamblehook}
2722 \newcommand*{\bidi@afterendpreamblehook}{\}
2723
2724 \bidi@appto\document{%
2725   \let\bidi@AfterEndPreamble\@firstofone
2726   \bidi@afterendpreamblehook
2727   \protected\def\bidi@AfterEndPreamble{\@notprerr\@gobble}%
2728   \bidi@undef\bidi@afterendpreamblehook
2729   \ignorespaces}
2730
2731 \AtEndDocument{\let\bidi@AfterEndPreamble\@gobble}
2732
2733 \bidi@newrobustcmd*{\bidi@AfterEndDocument}{\bidi@gappto\bidi@afterendddocumenthook}
2734 \newcommand*{\bidi@afterendddocumenthook}{\}
2735
2736 \bidi@patchcmd\enddocument
2737   {\deadcycles}
2738   {\let\bidi@AfterEndDocument\@firstofone
2739     \bidi@afterendddocumenthook
2740     \deadcycles}
2741   {}
2742   {\let\bidi@@end\@@end
2743     \def\@@end{%
2744       \let\bidi@AfterEndDocument\@firstofone
2745       \bidi@afterendddocumenthook
2746       \bidi@@end}}
2747
2748 \bidi@newrobustcmd{\bidi@AtBeginEnvironment}[1]{%
2749   \bidi@csgappto{@begin@#1@hook}}
2750
2751 \bidi@patchcmd\begin
2752   {\csname #1\endcsname}
2753   {\bidi@csuse{@begin@#1@hook}%
2754     \csname #1\endcsname}
2755   {}
2756   {\bidi@warning{%
2757     Patching '\string\begin' failed!\MessageBreak
2758     '\string\bidi@AtBeginEnvironment' will not work\@gobble}}
2759
2760
2761
2762 \bidi@newrobustcmd{\bidi@AtEndEnvironment}[1]{%
2763   \bidi@csgappto{@end@#1@hook}}
2764
2765 \bidi@patchcmd\end
2766   {\csname end#1\endcsname}
2767   {\bidi@csuse{@end@#1@hook}%
2768     \csname end#1\endcsname}

```

```

2769 {}
2770 {\bidi@warning{%
2771   Patching '\string\end' failed!\MessageBreak
2772   '\string\bidi@AtEndEnvironment' will not work\@gobble}}
2773
2774
2775
2776 \bidi@newrobustcmd{\bidi@BeforeBeginEnvironment}[1]{%
2777   \bidi@csgappto{@beforebegin@#1@hook}}
2778
2779 \bidi@pretocmd\begin
2780 {\bidi@csuse{@beforebegin@#1@hook}}
2781 {}
2782 {\bidi@warning{%
2783   Patching '\string\begin' failed!\MessageBreak
2784   '\string\bidi@BeforeBeginEnvironment' will not work\@gobble}}
2785
2786
2787
2788 \bidi@newrobustcmd{\bidi@AfterEndEnvironment}[1]{%
2789   \bidi@csgappto{@afterend@#1@hook}}
2790
2791 \bidi@patchcmd\end
2792 {\if@ignore}
2793 {\bidi@csuse{@afterend@#1@hook}%
2794   \if@ignore}
2795 {}
2796 {\bidi@warning{%
2797   Patching '\string\end' failed!\MessageBreak
2798   '\string\bidi@AfterEndEnvironment' will not work\@gobble}}

```

7.20 biduntuftefloat.sty

```

2799 \NeedsTeXFormat{LaTeX2e}
2800 \ProvidesPackage{biduntuftefloat}[2011/06/14 v0.1
2801 bidi implementation of tufte float]
2802 \RequirePackage{xifthen}
2803 \newcommand{\@biduntuftefloat@pkgname}{biduntuftefloat}
2804 \newcommand{\biduntuftefloatError}[2]{\PackageError{\@biduntuftefloat@pkgname}{#1}{#2}}
2805 \newcommand{\biduntuftefloatDebugInfoNL}[1]{\ifthenelse{\boolean{\@biduntuftefloat@debug}}{\bidi
2806 \newcommand{\biduntuftefloatInfoNL}[1]{\PackageInfo{\@biduntuftefloat@pkgname}{#1\@gobble}}
2807 \newboolean{\@biduntuftefloat@RTLgeometry}
2808 \setboolean{\@biduntuftefloat@RTLgeometry}{true}
2809 \DeclareOption{RTLgeometry}{\setboolean{\@biduntuftefloat@RTLgeometry}{true}}
2810 \DeclareOption{LTRgeometry}{\setboolean{\@biduntuftefloat@RTLgeometry}{false}}
2811 \newboolean{\@biduntuftefloat@a4paper}
2812 \DeclareOption{a4paper}{\setboolean{\@biduntuftefloat@a4paper}{true}}
2813 \newboolean{\@biduntuftefloat@b5paper}
2814 \DeclareOption{b5paper}{\setboolean{\@biduntuftefloat@b5paper}{true}}
2815 \newboolean{\@biduntuftefloat@symmetric}

```

```

2816 \newboolean{@biditytfloat@twoside}
2817 \DeclareOption{twoside}{%
2818 \@twosidettrue \mparswitchtrue%
2819 \setboolean{@biditytfloat@twoside}{true}%
2820 \setboolean{@biditytfloat@symmetric}{true}%
2821 }
2822 \DeclareOption{oneside}{%
2823 \@twosidefalse \mparswitchfalse%
2824 \setboolean{@biditytfloat@twoside}{false}%
2825 \setboolean{@biditytfloat@symmetric}{false}%
2826 }
2827 \ifclassloaded{book}{\ExecuteOptions{twoside}}{}
2828 \newboolean{@biditytfloat@debug}
2829 \newcommand*{@biditytfloat@caption@justification}{\@biditytfloat@justification@autodetected}
2830 \ProcessOptions
2831 %% Globally sets the length
2832 \newcommand*{\gsetlength}[2]{%
2833 \setlength{#1}{#2}%
2834 \global#1=#1\relax%
2835 }
2836 %% Globally sets a boolean
2837 \newcommand*{\gsetboolean}[2]{% based on code from ifthen pkg
2838 \lowercase{\def\@tempa{#2}}%
2839 \@ifundefined{@tempa}{%
2840 {\PackageError{ifthen}{You can only set a boolean to 'true' or 'false'}\@ehc}%
2841 {\@ifundefined{#1\@tempa}{%
2842 {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
2843 {\global\csname#1\@tempa\endcsname}%
2844 }%
2845 }
2846 %% Set the font sizes and baselines to match biditytfloat's books
2847 \renewcommand\normalsize{%
2848 \@setfontsize\normalsize\@xpt{14}%
2849 \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
2850 \abovedisplayshortskip \z@ \@plus3\p@
2851 \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
2852 \belowdisplayskip \abovedisplayskip
2853 \let\@listi\@listI}
2854 \normalbaselineskip=14pt
2855 \normalsize
2856 \renewcommand\footnotesize{%
2857 \@setfontsize\footnotesize\@viipt{10}%
2858 \abovedisplayskip 6\p@ \@plus2\p@ \@minus4\p@
2859 \abovedisplayshortskip \z@ \@plus\p@
2860 \belowdisplayshortskip 3\p@ \@plus\p@ \@minus2\p@
2861 \def\@listi{\leftmargin\leftmargini
2862 \topsep 3\p@ \@plus\p@ \@minus\p@
2863 \parsep 2\p@ \@plus\p@ \@minus\p@
2864 \itemsep \parsep}%
2865 \belowdisplayskip \abovedisplayskip

```

```

2866 }
2867 %% Paragraph indentation and separation for marginal text
2868 \newcommand{\@biditytfloat@margin@par}{%
2869   \setlength{\RaggedRightParindent}{0.5pc}%
2870   \setlength{\JustifyingParindent}{0.5pc}%
2871   \setlength{\parindent}{0.5pc}%
2872   \setlength{\parskip}{0pt}%
2873 }
2874 \RequirePackage{ragged2e}
2875 \ifthenelse{\boolean{@biditytfloat@RTLgeometry}}{%
2876 \RequirePackage[letterpaper,right=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar
2877 \ifthenelse{\boolean{@biditytfloat@a4paper}}{
2878   {\geometry{a4paper,right=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar
2879   {}
2880 \ifthenelse{\boolean{@biditytfloat@b5paper}}{
2881   {\geometry{paperwidth=176mm,paperheight=250mm,right=14.66mm,top=13.88mm,textwidth=102.66mm,
2882   {}}%
2883 \RequirePackage[letterpaper,left=1in,top=1in,headsep=2\baselineskip,textwidth=26pc,marginpar
2884 \ifthenelse{\boolean{@biditytfloat@a4paper}}{
2885   {\geometry{a4paper,left=24.8mm,top=27.4mm,headsep=2\baselineskip,textwidth=107mm,marginpar
2886   {}
2887 \ifthenelse{\boolean{@biditytfloat@b5paper}}{
2888   {\geometry{paperwidth=176mm,paperheight=250mm,left=14.66mm,top=13.88mm,textwidth=102.66mm,
2889   {}
2890 \ifthenelse{\boolean{@biditytfloat@symmetric}}{
2891   {}
2892   {\geometry{asymmetric}}}% forces internal LaTeX 'twoside'
2893 \setlength{\marginparpush}{10pt}
2894 %% Font for margin items
2895 \newcommand{\@biditytfloat@marginfont}{\normalfont\footnotesize}
2896 \newcommand*{\@biditytfloat@caption@font}{\@biditytfloat@marginfont}
2897 \newcommand*{\setcaptionfont}[1]{\renewcommand*{\@biditytfloat@caption@font}{#1}}
2898 \newcommand{\@biditytfloat@justification}{\justifying}%
2899 \setlength{\abovedisplayskip}{6pt plus 2pt minus 4pt}
2900 \setlength{\belowdisplayskip}{6pt plus 2pt minus 4pt}
2901 \newboolean{@biditytfloat@changepage}
2902 \IfFileExists{changepage.sty}{%
2903   \biditytfloatDebugInfoNL{Found changepage.sty}
2904   \RequirePackage[strict]{changepage}
2905   \setboolean{@biditytfloat@changepage}{true}
2906 }{%
2907   \biditytfloatDebugInfoNL{Found chngpage.sty}
2908   \RequirePackage[strict]{chngpage}
2909   \setboolean{@biditytfloat@changepage}{false}
2910 }
2911 \newboolean{@biditytfloat@odd@page}
2912 \setboolean{@biditytfloat@odd@page}{true}
2913 \newcommand*{\@biditytfloat@checkoddpage}{%
2914   \checkoddpage%
2915   \ifthenelse{\boolean{@biditytfloat@changepage}}{%

```

```

2916 \ifoddpage%
2917 \setboolean{@biditytfloat@odd@page}{true}%
2918 \else%
2919 \setboolean{@biditytfloat@odd@page}{false}%
2920 \fi%
2921 }{%
2922 \ifcpoddpage%
2923 \setboolean{@biditytfloat@odd@page}{true}%
2924 \else%
2925 \setboolean{@biditytfloat@odd@page}{false}%
2926 \fi%
2927 }%
2928 }
2929 \newlength{@biditytfloat@overhang}% used by the fullwidth environment and the running head
2930 \newlength{@biditytfloat@fullwidth}
2931 \newlength{@biditytfloat@caption@fill}
2932 \newcommand{@biditytfloatRecalculate}{%
2933 \setlength{@biditytfloat@overhang}{\marginparwidth}
2934 \addtolength{@biditytfloat@overhang}{\marginparsep}
2935
2936 \setlength{@biditytfloat@fullwidth}{\textwidth}
2937 \addtolength{@biditytfloat@fullwidth}{\marginparsep}
2938 \addtolength{@biditytfloat@fullwidth}{\marginparwidth}
2939
2940 \setlength{@biditytfloat@caption@fill}{\textwidth}
2941 \addtolength{@biditytfloat@caption@fill}{\marginparsep}
2942 }
2943 \AtBeginDocument{@biditytfloatRecalculate}
2944 \RequirePackage{optparams}% provides multiple optional arguments for commands
2945 \RequirePackage{placeins}
2946 \newsavebox{@biditytfloat@margin@floatbox}
2947 \newenvironment{@biditytfloat@margin@float}[2][-1.2ex]%
2948 {\FloatBarrier% process all floats before this point so the figure/table numbers stay in or
2949 \begin{lrbox}{@biditytfloat@margin@floatbox}}%
2950 \begin{minipage}{\marginparwidth}%
2951 \@biditytfloat@caption@font%
2952 \def\capttype{#2}%
2953 \hbox{\vspace*{#1}}%
2954 \@biditytfloat@caption@justification%
2955 \@biditytfloat@margin@par%
2956 \noindent%
2957 }
2958 {\end{minipage}}%
2959 \end{lrbox}}%
2960 \marginpar{\usebox{@biditytfloat@margin@floatbox}}%
2961 }
2962 \newenvironment{marginfigure}[1][-1.2ex]%
2963 {\begin{@biditytfloat@margin@float}[#1]{figure}}
2964 {\end{@biditytfloat@margin@float}}
2965 \newenvironment{margintable}[1][-1.2ex]%

```

```

2966 {\begin{@biditytfloat@margin@float}[#1]{table}}
2967 {\end{@biditytfloat@margin@float}}
2968 \newcommand*{@@biditytfloat@justification@autodetect}{\justifying}%
2969
2970 \newcommand{@@biditytfloat@float@debug@info}{}% contains debug info generated as the float
2971 \newcommand{@@biditytfloat@float@debug}[1]{% adds debug info to the queue for output
2972 \ifthenelse{\equal{@@biditytfloat@float@debug@info}{}}{%
2973 {\def@@biditytfloat@float@debug@info{#1}}%
2974 {\g@addto@macro@@biditytfloat@float@debug@info{\MessageBreak#1}}%
2975 }
2976 \newcommand{@floatalignment}{x}% holds the current float alignment (t, b, h, p)
2977 \newcommand{@setfloatalignment}[1]{\global\def@floatalignment{#1}@@biditytfloat@float@debug
2978 \newboolean{@biditytfloat@float@recto}
2979 \newcommand{@forcerecto@float}{\gsetboolean{@biditytfloat@float@recto}{true}@@biditytfloat
2980 \newcommand{@forceverso@float}{\gsetboolean{@biditytfloat@float@recto}{false}@@biditytfloat
2981 \newsavebox{@@biditytfloat@figure@box}
2982 \newsavebox{@@biditytfloat@caption@box}
2983 \let@@biditytfloat@orig@float@float
2984 \let@@biditytfloat@orig@endfloat@endfloat
2985 \newlength{@@biditytfloat@caption@vertical@offset}
2986 \setlength{@@biditytfloat@caption@vertical@offset}{0pt}
2987 \newcommand{@@biditytfloat@stored@shortcaption}{%
2988 \newcommand{@@biditytfloat@stored@caption}{%
2989 \newcommand{@@biditytfloat@stored@label}{%
2990 \long\def@@biditytfloat@caption[#1][#2]#3{%
2991 \ifthenelse{\isempty{#1}}{%
2992 {\gdef@@biditytfloat@stored@shortcaption{#3}}%
2993 {\gdef@@biditytfloat@stored@shortcaption{#1}}%
2994 \gsetlength{@@biditytfloat@caption@vertical@offset}{-#2}% we want a positive offset to l
2995 \gdef@@biditytfloat@stored@caption{#3}%
2996 }
2997 \newcommand{@@biditytfloat@label}[1]{%
2998 \gdef@@biditytfloat@stored@label{#1}%
2999 }
3000 \newcommand{@@biditytfloat@fps}{%
3001 \newboolean{@biditytfloat@float@star}
3002 \newlength{@@biditytfloat@float@contents@width}
3003 \newenvironment{@biditytfloat@float}[3][htbp]{%
3004 {% begin @biditytfloat@float
3005 % Should this float be full-width or just text-width?
3006 \ifthenelse{\equal{#3}{star}}{%
3007 {\gsetboolean{@biditytfloat@float@star}{true}}%
3008 {\gsetboolean{@biditytfloat@float@star}{false}}%
3009 % Check page side (recto/verso) and store detected value -- can be overridden in environme
3010 @@biditytfloat@checkoddpage%
3011 \ifthenelse{\boolean{@biditytfloat@odd@page}}{%
3012 {\gsetboolean{@biditytfloat@float@recto}{true}@@biditytfloat@float@debug{Detected p
3013 {\gsetboolean{@biditytfloat@float@recto}{false}@@biditytfloat@float@debug{Detected
3014 % If the float placement specifier is 'b' and only 'b', then bottom-align the mini-pages,
3015 \renewcommand{@@biditytfloat@fps}{#1}%

```



```

3066 \ifthenelse{\boolean{@biditytfloat@symmetric}}{%
3067   {\typeout{Symmetric: [true]}}%
3068   {\typeout{Symmetric: [false]}}%
3069   \typeout{-----^^J^^J}%
3070 }{}%
3071 % reset commands and temp boxes and captions
3072 \gdef\@biditytfloat@float@debug@info{}%
3073 \let\caption\@biditytfloat@orig@caption%
3074 \let\label\@biditytfloat@orig@label%
3075 \begin{lrbox}{\@biditytfloat@figure@box}\hbox{}\end{lrbox}%
3076 \begin{lrbox}{\@biditytfloat@caption@box}\hbox{}\end{lrbox}%
3077 \gdef\@biditytfloat@stored@shortcaption{}%
3078 \gdef\@biditytfloat@stored@caption{}%
3079 \gdef\@biditytfloat@stored@label{}%
3080 \gsetlength{\@biditytfloat@caption@vertical@offset}{0pt}% reset caption offset
3081 }
3082 \newcommand{\@biditytfloat@float@textwidth}[3][0pt]{%
3083 \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@recto}%
3084 % asymmetric or page is odd, so caption is on the right
3085 \hbox{%
3086   \usebox{#2}%
3087   \hspace{\marginparsep}%
3088   \smash{\raisebox{#1}{\usebox{#3}}}%
3089 }
3090 \@biditytfloat@float@debug{Caption position: [right]}%
3091 }{% symmetric pages and page is even, so caption is on the left
3092 \hbox{%
3093   \smash{\raisebox{#1}{\usebox{#3}}}%
3094   \hspace{\marginparsep}%
3095   \usebox{#2}%
3096 }
3097 \@biditytfloat@float@debug{Caption position: [left]}%
3098 }%
3099 }
3100 \newcommand{\@biditytfloat@float@fullwidth}[3][0pt]{%
3101 \ifthenelse{\equal{\floatalignment}{b}}{%
3102   {% place caption above figure
3103     \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@recto}%
3104     {\hfill\smash{\raisebox{#1}{\usebox{#3}}}\par\usebox{#2}\@biditytfloat@float@debug{}}%
3105     {\smash{\raisebox{#1}{\usebox{#3}}}\hfill\par\usebox{#2}\@biditytfloat@float@debug{}}%
3106   }{% place caption below figure
3107     \ifthenelse{\NOT\boolean{@biditytfloat@symmetric}}\OR\boolean{@biditytfloat@float@recto}%
3108     {\usebox{#2}\par\hfill\smash{\raisebox{#1}{\usebox{#3}}}\@biditytfloat@float@debug{}}%
3109     {\usebox{#2}\par\smash{\raisebox{#1}{\usebox{#3}}}\hfill\@biditytfloat@float@debug{}}%
3110   }%
3111 }
3112 \renewenvironment{figure}[1][htbp]%
3113 {\ifvmode\else\unskip\fi\begin{@biditytfloat@float}[#1]{figure}{}}
3114 {\end{@biditytfloat@float}}
3115 \renewenvironment{table}[1][htbp]

```

```

3116 {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{table}{}}
3117 {\end{@bituftefloat@float}}
3118 \renewenvironment{figure*}[1][htbp]%
3119 {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{figure}{star}}
3120 {\end{@bituftefloat@float}}
3121 \renewenvironment{table*}[1][htbp]%
3122 {\ifvmode\else\unskip\fi\begin{@bituftefloat@float}[#1]{table}{star}}
3123 {\end{@bituftefloat@float}}
3124 \newenvironment{fullwidth}
3125 {\ifthenelse{\boolean{@bituftefloat@symmetric}}%
3126   {\ifthenelse{\boolean{@bituftefloat@changepage}}{\begin{adjustwidth*}{-}\@bituftefl
3127   {\begin{adjustwidth}{-}\@bituftefloat@overhang}}}%
3128   }%
3129 {\ifthenelse{\boolean{@bituftefloat@symmetric}}%
3130   {\ifthenelse{\boolean{@bituftefloat@changepage}}{\end{adjustwidth*}}{\end{adjustwidth}}
3131   {\end{adjustwidth}}}%
3132 }
3133 \long\def\@caption#1[#2]#3{%
3134   \par%
3135   \addcontentsline{\csname ext@#1\endcsname}{#1}%
3136   {\protect\numberline{\csname the#1\endcsname}{\ignorespaces #2}}%
3137   \begingroup%
3138     \@parboxrestore%
3139     \if@minipage%
3140       \setminipage%
3141       \fi%
3142     \@bituftefloat@caption@font\@bituftefloat@caption@justification%
3143     \noindent\csname fnum@#1\endcsname: \ignorespaces#3\par%
3144     %\@makecaption{\csname fnum@#1\endcsname}{\ignorespaces #3}\par
3145   \endgroup}
3146 %%
3147 % Turns newlines into spaces. Based on code from the 'titlesec' package.
3148 \DeclareRobustCommand{\@bitufteheading@newlinetospace}{%
3149   \ifstar{\@bitufteheading@newlinetospace@i}{\@bitufteheading@newlinetospace@i}%
3150 }
3151 \def\@bitufteheading@newlinetospace@i{%
3152   \ifdim\lastskip>\z@\else\space\fi
3153   \ignorespaces%
3154 }
3155 \DeclareRobustCommand{\newlinetospace}[1]{%
3156   \let\@bitufteheading@orig@cr\\% save the original meaning of \\
3157   \def\\{\@bitufteheading@newlinetospace}% turn \\ and \* into \space
3158   \let\newline\\% turn \newline into \space
3159   #1%
3160   \let\\ \@bitufteheading@orig@cr% revert to original meaning of \\
3161 }
3162 \RequirePackage{fancyhdr}
3163 \pagestyle{fancy}
3164 \AtBeginDocument{%
3165   \ifthenelse{\boolean{@bituftefloat@symmetric}}

```

```

3166     {\fancyhfoffset[LE,RO]{\@biditytfloat@overhang}}
3167     {\fancyhfoffset[RE,RO]{\@biditytfloat@overhang}}
3168 }
3169 % The running heads/feet don't have rules
3170 \renewcommand{\headrulewidth}{0pt}
3171 \renewcommand{\footrulewidth}{0pt}
3172 % The 'fancy' page style is the default style for all pages.
3173 \fancyhf{} % clear header and footer fields
3174     \ifthenelse{\boolean{@biditytfloat@symmetric}}
3175     {\fancyhead[LE]{\thepage\quad\textsl{\newlinetospace{\plainauthor}}}%
3176     \fancyhead[RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3177     {\fancyhead[RE,RO]{\textsl{\newlinetospace{\plaintitle}}\quad\thepage}}%
3178 % The 'plain' page style is used on chapter opening pages.
3179 % In Tufte's /Beautiful Evidence/ he never puts page numbers at the
3180 % bottom of pages -- the folios are unexpressed.
3181 \fancypagestyle{plain}{
3182     \fancyhf{} % clear header and footer fields
3183     % Uncomment the following five lines of code if you want the opening page
3184     % of the chapter to express the folio in the lower outside corner.
3185     % \ifthenelse{\boolean{@biditytfloat@symmetric}}
3186     % {\fancyfoot[LE,RO]{\thepage}}
3187     % {\fancyfoot[RE,RO]{\thepage}}
3188 }
3189 % The 'empty' page style suppresses all headers and footers.
3190 % It's used on title pages and 'intentionally blank' pages.
3191 \fancypagestyle{empty}{
3192     \fancyhf{} % clear header and footer fields
3193 }
3194 \def\morefloats{% provides a total of 52 floats
3195     \ifthenelse{\isundefined{\bx@S}}{%
3196         \biditytfloatDebugInfoNL{Adding 34 more float slots.}
3197         \newinsert\bx@S
3198         \newinsert\bx@T
3199         \newinsert\bx@U
3200         \newinsert\bx@V
3201         \newinsert\bx@W
3202         \newinsert\bx@X
3203         \newinsert\bx@Y
3204         \newinsert\bx@Z
3205         \newinsert\bx@a
3206         \newinsert\bx@b
3207         \newinsert\bx@c
3208         \newinsert\bx@d
3209         \newinsert\bx@e
3210         \newinsert\bx@f
3211         \newinsert\bx@g
3212         \newinsert\bx@h
3213         \newinsert\bx@i
3214         \newinsert\bx@j
3215         \newinsert\bx@k

```

```

3216 \newinsert\bx@l
3217 \newinsert\bx@m
3218 \newinsert\bx@n
3219 \newinsert\bx@o
3220 \newinsert\bx@p
3221 \newinsert\bx@q
3222 \newinsert\bx@r
3223 \newinsert\bx@s
3224 \newinsert\bx@t
3225 \newinsert\bx@u
3226 \newinsert\bx@v
3227 \newinsert\bx@w
3228 \newinsert\bx@x
3229 \newinsert\bx@y
3230 \newinsert\bx@z
3231 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
3232 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
3233 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
3234 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
3235 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
3236 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
3237 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3238 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3239 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3240 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3241 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3242 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z}%
3243 }{% we've already added another 34 floats, so we'll add 26 more, but that's it!
3244 \ifthenelse{\isundefined{\bx@AA}}{%
3245 \bidituftefloatDebugInfoNL{Adding 26 more float slots.}
3246 \newinsert\bx@AA
3247 \newinsert\bx@BB
3248 \newinsert\bx@CC
3249 \newinsert\bx@DD
3250 \newinsert\bx@EE
3251 \newinsert\bx@FF
3252 \newinsert\bx@GG
3253 \newinsert\bx@HH
3254 \newinsert\bx@II
3255 \newinsert\bx@JJ
3256 \newinsert\bx@KK
3257 \newinsert\bx@LL
3258 \newinsert\bx@MM
3259 \newinsert\bx@NN
3260 \newinsert\bx@OO
3261 \newinsert\bx@PP
3262 \newinsert\bx@QQ
3263 \newinsert\bx@RR
3264 \newinsert\bx@SS
3265 \newinsert\bx@TT

```

```

3266 \newinsert\bx@UU
3267 \newinsert\bx@VV
3268 \newinsert\bx@WW
3269 \newinsert\bx@XX
3270 \newinsert\bx@YY
3271 \newinsert\bx@ZZ
3272 \gdef\@freelist{\@elt\bx@A\@elt\bx@B\@elt\bx@C\@elt\bx@D\@elt\bx@E
3273 \@elt\bx@F\@elt\bx@G\@elt\bx@H\@elt\bx@I\@elt\bx@J
3274 \@elt\bx@K\@elt\bx@L\@elt\bx@M\@elt\bx@N
3275 \@elt\bx@O\@elt\bx@P\@elt\bx@Q\@elt\bx@R
3276 \@elt\bx@S\@elt\bx@T\@elt\bx@U\@elt\bx@V
3277 \@elt\bx@W\@elt\bx@X\@elt\bx@Y\@elt\bx@Z
3278 \@elt\bx@a\@elt\bx@b\@elt\bx@c\@elt\bx@d\@elt\bx@e
3279 \@elt\bx@f\@elt\bx@g\@elt\bx@h\@elt\bx@i\@elt\bx@j
3280 \@elt\bx@k\@elt\bx@l\@elt\bx@m\@elt\bx@n
3281 \@elt\bx@o\@elt\bx@p\@elt\bx@q\@elt\bx@r
3282 \@elt\bx@s\@elt\bx@t\@elt\bx@u\@elt\bx@v
3283 \@elt\bx@w\@elt\bx@x\@elt\bx@y\@elt\bx@z
3284 \@elt\bx@AA\@elt\bx@BB\@elt\bx@CC\@elt\bx@DD\@elt\bx@EE
3285 \@elt\bx@FF\@elt\bx@GG\@elt\bx@HH\@elt\bx@II\@elt\bx@JJ
3286 \@elt\bx@KK\@elt\bx@LL\@elt\bx@MM\@elt\bx@NN
3287 \@elt\bx@OO\@elt\bx@PP\@elt\bx@QQ\@elt\bx@RR
3288 \@elt\bx@SS\@elt\bx@TT\@elt\bx@UU\@elt\bx@VV
3289 \@elt\bx@WW\@elt\bx@XX\@elt\bx@YY\@elt\bx@ZZ}%
3290 }{%
3291 \bidituftefloatError{You may only call \string\morefloats\space twice. See the\MessageE
3292 {There are already 78 float slots allocated. Try using \string\FloatBarrier\space or\
3293 }%
3294 }%
3295 }
3296 \newboolean{@bidituftefloat@packages@subfigure}
3297 \setboolean{@bidituftefloat@packages@subfigure}{false}
3298 \AtBeginDocument{%
3299 \ifpackageloaded{subfigure}
3300 {\gsetboolean{@bidituftefloat@packages@subfigure}{true}}
3301 {\gsetboolean{@bidituftefloat@packages@subfigure}{false}}%
3302 }
3303 \AtBeginDocument{%
3304 \ifpackageloaded{float}{%
3305 % Save the redefined float environment (instead of the LaTeX float environment)
3306 \let\@bidituftefloat@orig@float\@float
3307 \let\@bidituftefloat@orig@endfloat\endfloat
3308
3309 % Define Tuftian float styles (with the caption in the margin)
3310 \newcommand{\floatc@bidituftefloatplain}[2]{%
3311 \begin{lrbox}{\@bidituftefloat@caption@box}%
3312 \begin{minipage}[floatalignment]{\marginparwidth}\hbox{%
3313 \@bidituftefloat@caption@font{\@fs@cfont #1:} #2\par%
3314 \end{minipage}%
3315 \end{lrbox}}%

```



```

3366 }
3367 }
3368 \PassOptionsToPackage{caption=false}{subfig}

```

7.21 bidentuftsidenote.sty

```

3369 \NeedsTeXFormat{LaTeX2e}
3370 \ProvidesPackage{bidentuftsidenote}[2011/06/17 v0.1
3371 bidi implementation of tufte sidenote]
3372 \RequirePackage{xifthen}
3373 \RequirePackage{ragged2e}
3374 \RequirePackage{setspace}
3375 \RequirePackage{hopatch}
3376 \def\bidituftsidenotemarginpar{%
3377   \ifhmode
3378     \@bsphack
3379     \@floatpenalty -\@Mii
3380   \else
3381     \@floatpenalty-\@Miii
3382   \fi
3383   \ifinner
3384     \@parmoderr
3385     \@floatpenalty\z@
3386   \else
3387     \next\@currbox\@freelist{}\{}%
3388     \next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3389     {\@floatpenalty\z@
3390      \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
3391   \fi
3392   \ifnextchar [\@bidituftsidenotexmpar\@bidituftsidenoteympar}
3393 \long\def\@bidituftsidenotexmpar[#1]#2{%
3394   \@bidituftsidenotesavemarbox\@marbox{#1}%
3395   \@bidituftsidenotesavemarbox\@currbox{#2}%
3396   \@xympar}
3397 \long\def\@bidituftsidenoteympar#1{%
3398   \@bidituftsidenotesavemarbox\@marbox{#1}%
3399   \global\setbox\@currbox\copy\@marbox
3400   \@xympar}
3401 \long\def \@bidituftsidenotesavemarbox #1#2{%
3402   \global\setbox #1%
3403     \color@vbox
3404       \vtop{%
3405         \hsize\marginparwidth
3406         \@parboxrestore
3407         \@bidituftsidenotemarginparreset
3408         #2%
3409         \@minipagefalse
3410         \outer@nobreak
3411       }%
3412   \color@endbox

```



```

3413 }
3414 \def \@bidityftesidenotemarginparreset {%
3415     \reset@font
3416     \normalsize
3417     \@minipagetrue
3418     \everypar{\@minipagefalse\everypar{}\if@RTL@footnote\beginR\else\beginL\fi}%
3419 }
3420 \def\LTRbidityftesidenotemarginpar{%
3421     \ifhmode
3422         \@bsphack
3423         \@floatpenalty -\@Mii
3424     \else
3425         \@floatpenalty-\@Miii
3426     \fi
3427     \ifinner
3428         \@parmoderr
3429         \@floatpenalty\z@
3430     \else
3431         \@next\@currbox\@freelist{}\}%
3432         \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3433         {\@floatpenalty\z@
3434         \@fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}}%
3435     \fi
3436     \@ifnextchar [\@LTRbidityftesidenotexmpar\@LTRbidityftesidenoteympar}
3437 \long\def\@LTRbidityftesidenotexmpar[#1]#2{%
3438     \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3439     \@LTRbidityftesidenotesavemarbox\@currbox{#2}%
3440     \@xympar}
3441 \long\def\@LTRbidityftesidenoteympar#1{%
3442     \@LTRbidityftesidenotesavemarbox\@marbox{#1}%
3443     \global\setbox\@currbox\copy\@marbox
3444     \@xympar}
3445 \long\def \@LTRbidityftesidenotesavemarbox #1#2{%
3446     \global\setbox #1%
3447         \color@vbox
3448         \vtop{%
3449             \hsize\marginparwidth
3450             \@parboxrestore
3451             \@LTRbidityftesidenotemarginparreset
3452             #2%
3453             \@minipagefalse
3454             \outer@nobreak
3455             }%
3456     \color@endbox
3457 }
3458 \def \@LTRbidityftesidenotemarginparreset {%
3459     \reset@font
3460     \normalsize
3461     \@minipagetrue
3462     \everypar{\@minipagefalse\everypar{}\beginL}%

```

```

3463 }
3464 \def\RTLbidityftesidenotemarginpar{%
3465   \ifhmode
3466     \@bsphack
3467     \floatpenalty -\@Mii
3468   \else
3469     \floatpenalty-\@Miii
3470   \fi
3471   \ifinner
3472     \@parmoderr
3473     \floatpenalty\z@
3474   \else
3475     \@next\@currbox\@freelist{}-{}%
3476     \@next\@marbox\@freelist{\global\count\@marbox\m@ne}%
3477     {\floatpenalty\z@
3478       \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
3479   \fi
3480   \ifnextchar [\@RTLbidityftesidenotexmpar\@RTLbidityftesidenoteympar}
3481 \long\def\@RTLbidityftesidenotexmpar[#1]#2{%
3482   \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
3483   \@RTLbidityftesidenotesavemarbox\@currbox{#2}%
3484   \@xympar}
3485 \long\def\@RTLbidityftesidenoteympar#1{%
3486   \@RTLbidityftesidenotesavemarbox\@marbox{#1}%
3487   \global\setbox\@currbox\copy\@marbox
3488   \@xympar}
3489 \long\def \@RTLbidityftesidenotesavemarbox #1#2{%
3490   \global\setbox #1%
3491     \color@vbox
3492     \vtop{%
3493       \hsize\marginparwidth
3494       \@parboxrestore
3495       \@RTLbidityftesidenotemarginparreset
3496       #2%
3497       \@minipagefalse
3498       \outer@nobreak
3499     }%
3500   \color@endbox
3501 }
3502 \def \@RTLbidityftesidenotemarginparreset {%
3503   \reset@font
3504   \normalsize
3505   \@minipagetrue
3506   \everypar{\@minipagefalse\everypar{}\beginR}%
3507 }
3508 \newcommand{\@bidityftesidenote@marginfont}{\normalfont\footnotesize}
3509 \newcommand*{\@bidityftesidenote@sidenote@font}{\@bidityftesidenote@marginfont}
3510 \newcommand*{\@bidityftesidenote@marginnote@font}{\@bidityftesidenote@marginfont}
3511 \newcommand*{\@bidityftesidenote@citation@font}{\@bidityftesidenote@marginfont}
3512 \newcommand*{\setsidenote@font}[1]{\renewcommand*{\@bidityftesidenote@sidenote@font}{#1}}

```

```

3513 \newcommand*{\setmarginnote}[1]{\renewcommand*{\@biditytesidenote@marginnote@font}{#1}}
3514 \newcommand*{\setcitationfont}[1]{\renewcommand*{\@biditytesidenote@citation@font}{#1}}
3515 \newcommand*{\@biditytesidenote@sidenote@justification}{\@biditytesidenote@justification@au
3516 \newcommand*{\@biditytesidenote@marginnote@justification}{\@biditytesidenote@justification@
3517 \newcommand*{\@biditytesidenote@citation@justification}{\@biditytesidenote@justification@au
3518 \newcommand*{\@biditytesidenote@justification@autodetect}{\justifying}%
3519 \newcommand{\@biditytesidenote@margin@par}{%
3520   \setlength{\RaggedRightParindent}{0.5pc}%
3521   \setlength{\JustifyingParindent}{0.5pc}%
3522   \setlength{\parindent}{0.5pc}%
3523   \setlength{\parskip}{0pt}%
3524 }
3525 %%
3526 % Globally sets the length
3527 \@ifundefined{gsetlength}{%
3528 \newcommand*{\gsetlength}[2]{%
3529   \setlength{#1}{#2}%
3530   \global#1=#1\relax%
3531 }%
3532 }{}
3533 %%
3534 % Globally sets a boolean
3535 \@ifundefined{gsetboolean}{%
3536 \newcommand*{\gsetboolean}[2]{% based on code from ifthen pkg
3537   \lowercase{\def\@tempa{#2}}%
3538   \@ifundefined{@tempa}{%
3539     {\PackageError{ifthen}{You can only set a boolean to 'true' or 'false'}\@ehc}%
3540     {\@ifundefined{#1\@tempa}{%
3541       {\PackageError{ifthen}{Boolean #1 undefined}\@ehc}%
3542       {\global\csname#1\@tempa\endcsname}%
3543     }%
3544   }%
3545 }{}
3546 %%
3547 % A function that removes leading and trailing spaces from the supplied macro.
3548 % Based on code written by Michael Downes (See 'Around the Bend', #15.)
3549 % Executing \@biditytesidenote@trim@spaces\xyzy will result in the contents of \xyzy
3550 % being trimmed of leading and trailing white space.
3551 \catcode'\Q=3
3552 \def\@biditytesidenote@trim@spaces#1{%
3553   % Use grouping to emulate a multi-token afterassignment queue
3554   \begingroup%
3555   % Put '\toks 0 {' into the afterassignment queue
3556   \aftergroup\toks\aftergroup0\aftergroup{%
3557   % Apply \trimb to the replacement text of #1, adding a leading
3558   % \noexpand to prevent brace stripping and to serve another purpose
3559   % later.
3560   \expandafter\@biditytesidenote@trim@b\expandafter\noexpand#1Q Q}%
3561   % Transfer the trimmed text back into #1.
3562   \edef#1{\the\toks0}%

```

```

3563 }
3564 % \trimb removes a trailing space if present, then calls \@bidituftesidenote@trim@c to
3565 % clean up any leftover bizarre Qs, and trim a leading space. In
3566 % order for \trimc to work properly we need to put back a Q first.
3567 \def\@bidituftesidenote@trim@b#1 Q{\@bidituftesidenote@trim@c#1Q}
3568 % Execute \vfuzz assignment to remove leading space; the \noexpand
3569 % will now prevent unwanted expansion of a macro or other expandable
3570 % token at the beginning of the trimmed text. The \endgroup will feed
3571 % in the \aftergroup tokens after the \vfuzz assignment is completed.
3572 \def\@bidituftesidenote@trim@c#1Q#2{\afterassignment\endgroup \vfuzz\the\vfuzz#1}
3573 \catcode'\Q=11
3574 %%
3575 % Citations should go in the margin as sidenotes
3576
3577 \RequirePackage{natbib}
3578 \RequirePackage{bibentry} % allows bibitems to be typeset outside thebibliography envi
3579 % Redefine the \BR@b@bibitem command to fix a bug with bibentry+chicago style
3580 \renewcommand\BR@b@bibitem[2] []{%
3581   \ifthenelse{\isempty{#1}}{%
3582     {\BR@b@bibitem{#2}}%
3583     {\BR@b@bibitem{#1}{#2}}%
3584   \BR@c@bibitem{#2}%
3585 }
3586 \nobibliography* % pre-loads the bibliography keys
3587 %%
3588 % Normal \cite behavior
3589 \newcounter{@bidituftesidenote@num@bibkeys}%
3590 \newcommand{@bidituftesidenote@normal@cite}[2] [Opt]{%
3591   % Snag the last bibentry in the list for later comparison
3592   \let\@temp@last@bibkey\@empty%
3593   \@for\@temp@bibkey:=#2\do{\let\@temp@last@bibkey\@temp@bibkey}%
3594   \sidenote[] [#1]{%
3595     % Loop through all the bibentries, separating them with semicolons and spaces
3596     \normalfont\@bidituftesidenote@citation@font%
3597     \setcounter{@bidituftesidenote@num@bibkeys}{0}%
3598     \@for\@temp@bibkeyx:=#2\do{%
3599       \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}{%
3600         {\ifthenelse{\equal{\value{@bidituftesidenote@num@bibkeys}}{0}}{\{}{\and\ }}%
3601         \@bidituftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3602         \bibentry{\@temp@bibkeyx}}%
3603         {\@bidituftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3604         \bibentry{\@temp@bibkeyx};\ }%
3605       \stepcounter{@bidituftesidenote@num@bibkeys}%
3606     }%
3607   }%
3608 }
3609 %%
3610 % Macros for holding the list of cite keys until after the \sidenote
3611 \gdef\@bidituftesidenote@citations{}% list of cite keys
3612 \newcommand\@bidituftesidenote@add@citation[1]{\relax% adds a new bibkey to the list of cite

```

```

3613 \ifx\@bidityftesidenote@citations\@empty\else
3614 \g@addto@macro\@bidityftesidenote@citations{,}% separate by commas
3615 \fi
3616 \g@addto@macro\@bidityftesidenote@citations{#1}
3617 }
3618 \newcommand{\@bidityftesidenote@print@citations}[1][Opt]{% puts the citations in a margin not
3619 % Snag the last bibentry in the list for later comparison
3620 \let\@temp@last@bibkey\@empty%
3621 \@for\@temp@bibkey:=\@bidityftesidenote@citations\do{\let\@temp@last@bibkey\@temp@bibkey}%
3622 \marginpar{%
3623 \hbox{\vspace*{#1}%
3624 \@bidityftesidenote@citation@font%
3625 \@bidityftesidenote@citation@justification%
3626 \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3627 \vspace*{-1\baselineskip}%
3628 % Loop through all the bibentries, separating them with semicolons and spaces
3629 \setcounter{\@bidityftesidenote@num@bibkeys}{0}%
3630 \@for\@temp@bibkeyx:=\@bidityftesidenote@citations\do{%
3631 \ifthenelse{\equal{\@temp@last@bibkey}{\@temp@bibkeyx}}%
3632 {\ifthenelse{\equal{\value{\@bidityftesidenote@num@bibkeys}}{0}}{\and\ }%
3633 \@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3634 \bibentry{\@temp@bibkeyx}}%
3635 {\@bidityftesidenote@trim@spaces\@temp@bibkeyx% trim spaces around bibkey
3636 \bibentry{\@temp@bibkeyx};\ }%
3637 \stepcounter{\@bidityftesidenote@num@bibkeys}%
3638 }%
3639 }%
3640 }
3641 %%
3642 % \cite behavior when executed within a sidenote
3643 \newcommand{\@bidityftesidenote@sidenote@citations}{}% contains list of \cites in sidenote
3644 \newcommand{\@bidityftesidenote@infootnote@cite}[1]{%
3645 \@bidityftesidenote@add@citation{#1}
3646 }
3647 %%
3648 % Set the default \cite style. This is set and reset by the \sidenote command.
3649 \let\cite\@bidityftesidenote@normal@cite
3650 %%
3651 % Transform existing \footnotes into \sidenotes
3652 % Sidenote: ‘Where God meant footnotes to go.’ ---bidityftesidenote
3653 \RequirePackage{optparams}% for our new sidenote commands -- provides multiple optional argum
3654 \providecommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote
3655 \renewcommand{\footnotelayout}{\@bidityftesidenote@sidenote@font\@bidityftesidenote@sidenote
3656 % Override footmisc’s definition to set the sidenote marks (numbers) inside the
3657 % sidenote’s text block.
3658 \hopatch@AfterPackage{bidi}{\long\def\@makefnmark{\@textsuperscript{\@bidityftesidenote@sidenote
3659 % Set the in-text footnote mark in the same typeface as the body text itself.
3660 \hopatch@AfterPackage{bidi}{\def\@makefnmark{\hbox{\@textsuperscript{\normalfont\footnotesize
3661 \providecommand*\@multiplefootnotemarker}{3sp}
3662 \providecommand*\@multfootsep}{,}

```

```

3663 \hopatch@AfterPackage{bidi}{%
3664 \renewcommand{\@footnotemark}{%
3665   \leavevmode%
3666   \ifhmode%
3667     \edef\x@sf{\the\spacefactor}%
3668     \@bidityftesidenote@check@multiple@sidenotes%
3669     \nobreak%
3670   \fi%
3671   \@makefnmark%
3672   \ifhmode\spacefactor\x@sf\fi%
3673   \relax%
3674 }%
3675 }
3676 \newcommand{\@bidityftesidenote@check@multiple@sidenotes}{%
3677   \ifdim\lastkern=\multiplefootnotemark\relax%
3678     \edef\x@sf{\the\spacefactor}%
3679     \unkern%
3680     \textsuperscript{\multfootsep}%
3681     \spacefactor\x@sf\relax%
3682   \fi
3683 }
3684 \hopatch@AfterPackage{bidi}{%
3685 \renewcommand\@footnotetext[2][Opt]{%
3686   \bidityftesidenotemarginpar{%
3687     \hbox{}\vspace*{#1}%
3688     \def\baselinestretch {\setspace@singlespace}%
3689     \reset@font\footnotesize%
3690     \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3691     \vspace*{-1\baselineskip}\noindent%
3692     \protected@edef\@currentlabel{%
3693       \csname p@footnote\endcsname\@thefnmark%
3694     }%
3695     \color@begingroup%
3696     \@makefnmark%
3697     \ignorespaces#2%
3698   }%
3699   \color@endgroup%
3700 }%
3701 }%
3702 \renewcommand\@LTRfootnotetext[2][Opt]{%
3703   \LTRbidityftesidenotemarginpar{%
3704     \hbox{}\vspace*{#1}%
3705     \def\baselinestretch {\setspace@singlespace}%
3706     \reset@font\footnotesize%
3707     \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3708     \vspace*{-1\baselineskip}\noindent%
3709     \protected@edef\@currentlabel{%
3710       \csname p@footnote\endcsname\@thefnmark%
3711     }%
3712     \color@begingroup%

```

```

3713         \@makefnintext{%
3714             \ignorespaces#2%
3715         }%
3716     \color@endgroup%
3717 }%
3718 }%
3719 \renewcommand\@RTLfootnotetext[2][Opt]{%
3720     \RTLbidityftesidenotemarginpar{%
3721         \hbox{}\vspace*{#1}%
3722         \def\baselinestretch {\set@space@singlespace}%
3723         \reset@font\footnotesize%
3724         \@bidityftesidenote@margin@par% use parindent and parskip settings for marginal text
3725         \vspace*{-1\baselineskip}\noindent%
3726         \protected@edef\@currentlabel{%
3727             \csname p@footnote\endcsname\@thefnmark%
3728         }%
3729         \color@begingroup%
3730             \@makefnintext{%
3731                 \ignorespaces#2%
3732             }%
3733         \color@endgroup%
3734     }%
3735 }%
3736 }
3737 %
3738 % Define \sidenote command. Can handle \cite.
3739 \newlength{\@bidityftesidenote@sidenote@vertical@offset}
3740 \setlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}
3741 % #1 = footnote num, #2 = vertical offset, #3 = footnote text
3742 \long\def\@bidityftesidenote@sidenote[#1][#2]#3{%
3743     \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3744     \gdef\@bidityftesidenote@citations{}% clear out any old citations
3745     \ifthenelse{\NOT\isempty{#2}}{%
3746         \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3747     }{%
3748         \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3749     }%
3750     \ifthenelse{\isempty{#1}}{%
3751         % no specific footnote number provided
3752         \stepcounter\@mpfn%
3753         \protected@xdef\@thefnmark{\thempfn}%
3754         \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3755     }{%
3756         % specific footnote number provided
3757         \begingroup%
3758             \csname c@\@mpfn\endcsname #1\relax%
3759         \unrestored@protected@xdef\@thefnmark{\thempfn}%
3760         \endgroup%
3761         \@footnotemark\@footnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3762     }%

```

```

3763 \@bidityftesidenote@print@citations%          print any citations
3764 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite comma
3765 \unskip\ignorespaces%                          remove extra white space
3766 \kern-\multiplefootnotemarker%                 remove \kern left behind by sidenote
3767 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3768 }
3769 \long\def\@LTRbidityftesidenote@sidenote[#1][#2]#3{%
3770 \let\cite\@bidityftesidenote@infootnote@cite%  use the in-sidenote \cite command
3771 \gdef\@bidityftesidenote@citations{}%          clear out any old citations
3772 \ifthenelse{\NOT\isempty{#2}}{%
3773   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3774 }{%
3775   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3776 }%
3777 \ifthenelse{\isempty{#1}}{%
3778   % no specific footnote number provided
3779   \stepcounter\@mpfn%
3780   \protected@xdef\@thefnmark{\thempfn}%
3781   \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3782 }{%
3783   % specific footnote number provided
3784   \begingroup%
3785     \csname c@\@mpfn\endcsname #1\relax%
3786     \unrestored@protected@xdef\@thefnmark{\thempfn}%
3787   \endgroup%
3788   \@footnotemark\@LTRfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3789 }%
3790 \@bidityftesidenote@print@citations%          print any citations
3791 \let\cite\@bidityftesidenote@normal@cite%      go back to using normal in-text \cite comma
3792 \unskip\ignorespaces%                          remove extra white space
3793 \kern-\multiplefootnotemarker%                 remove \kern left behind by sidenote
3794 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3795 }
3796 \long\def\@RTLbidityftesidenote@sidenote[#1][#2]#3{%
3797 \let\cite\@bidityftesidenote@infootnote@cite%  use the in-sidenote \cite command
3798 \gdef\@bidityftesidenote@citations{}%          clear out any old citations
3799 \ifthenelse{\NOT\isempty{#2}}{%
3800   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{#2}%
3801 }{%
3802   \gsetlength{\@bidityftesidenote@sidenote@vertical@offset}{0pt}%
3803 }%
3804 \ifthenelse{\isempty{#1}}{%
3805   % no specific footnote number provided
3806   \stepcounter\@mpfn%
3807   \protected@xdef\@thefnmark{\thempfn}%
3808   \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3809 }{%
3810   % specific footnote number provided
3811   \begingroup%
3812     \csname c@\@mpfn\endcsname #1\relax%

```



```

3813 \unrestored@protected@xdef\@thefnmark{\thempfn}%
3814 \endgroup%
3815 \@footnotemark\@RTLfootnotetext[\@bidityftesidenote@sidenote@vertical@offset]{#3}%
3816 }%
3817 \@bidityftesidenote@print@citations% print any citations
3818 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comma
3819 \unskip\ignorespaces% remove extra white space
3820 \kern-\multiplefootnotemarker% remove \kern left behind by sidenote
3821 \kern\multiplefootnotemarker\relax% add new \kern here to replace the one we yanked
3822 }
3823 \newcommand{\sidenote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}
3824 \newcommand{\LTRsidenote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}
3825 \newcommand{\RTLsidenote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}
3826 \hopatch@AfterPackage{bidi}{%
3827 \renewcommand{\footnote}{\optparams{\@bidityftesidenote@sidenote}{[] [Opt]}}%
3828 \renewcommand{\LTRfootnote}{\optparams{\@LTRbidityftesidenote@sidenote}{[] [Opt]}}%
3829 \renewcommand{\RTLfootnote}{\optparams{\@RTLbidityftesidenote@sidenote}{[] [Opt]}}%
3830 }
3831 %%
3832 % Sidenote without the footnote mark
3833 \newcommand\marginnote[2] [Opt]{%
3834 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3835 \gdef\@bidityftesidenote@citations{% clear out any old citations
3836 \bidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidityft
3837 \@bidityftesidenote@print@citations% print any citations
3838 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comma
3839 }
3840 \newcommand\LTRmarginnote[2] [Opt]{%
3841 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3842 \gdef\@bidityftesidenote@citations{% clear out any old citations
3843 \LTRbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidi
3844 \@bidityftesidenote@print@citations% print any citations
3845 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comma
3846 }
3847 \newcommand\RTLmarginnote[2] [Opt]{%
3848 \let\cite\@bidityftesidenote@infootnote@cite% use the in-sidenote \cite command
3849 \gdef\@bidityftesidenote@citations{% clear out any old citations
3850 \RTLbidityftesidenotemarginpar{\hbox{}}\vspace*{#1}\@bidityftesidenote@marginnote@font\@bidi
3851 \@bidityftesidenote@print@citations% print any citations
3852 \let\cite\@bidityftesidenote@normal@cite% go back to using normal in-text \cite comma
3853 }

```

7.22 bidityftetoc.sty

```

3854 \NeedsTeXFormat{LaTeX2e}
3855 \ProvidesPackage{bidityftetoc}[2011/06/17 v0.1
3856 bidi implementation of tufte toc]
3857 \RequirePackage{titlesec,titletoc,xifthen,hopatch}
3858 \newcommand{\@bidityftetoc@pkgname}{bidityftetoc}
3859 \newcommand{\bidityftetocError}[2]{\PackageError{\@bidityftetoc@pkgname}{#1}{#2}}

```

```

3860 %%
3861 % Turn off section numbering
3862 \setcounter{secnumdepth}{-1}
3863 \newboolean{@bidityfttoc@toc}
3864 \setboolean{@bidityfttoc@toc}{true}
3865 \DeclareOption{notoc}{\setboolean{@bidityfttoc@toc}{false}}
3866 \DeclareOption{toc}{\setboolean{@bidityfttoc@toc}{true}}
3867 \ProcessOptions
3868 %%
3869 % Make Tuftean-style section headings and TOC formatting
3870 \hopatch@AfterPackage{bidi}{%
3871 \titleformat{\chapter}%
3872 [display]% shape
3873 {\relax\ifthenelse{\NOT\boolean{@bidityftfloat@symmetric}}{\begin{fullwidth}}{}}% format a
3874 {\itshape\huge\thechapter}% label
3875 {0pt}% horizontal separation between label and title body
3876 {\huge\rmfamily\itshape}% before the title body
3877 [\ifthenelse{\NOT\boolean{@bidityftfloat@symmetric}}{\end{fullwidth}}{}}% after the title
3878 \titleformat{\section}%
3879 [hang]% shape
3880 {\normalfont\Large\itshape}% format applied to label+text
3881 {\thesection}% label
3882 {1em}% horizontal separation between label and title body
3883 {}% before the title body
3884 []% after the title body
3885 \titleformat{\subsection}%
3886 [hang]% shape
3887 {\normalfont\large\itshape}% format applied to label+text
3888 {\thesubsection}% label
3889 {1em}% horizontal separation between label and title body
3890 {}% before the title body
3891 []% after the title body
3892 \titleformat{\paragraph}%
3893 [runin]% shape
3894 {\normalfont\itshape}% format applied to label+text
3895 {\theparagraph}% label
3896 {1em}% horizontal separation between label and title body
3897 {}% before the title body
3898 []% after the title body
3899 \titlespacing*{\chapter}{0pt}{50pt}{40pt}
3900 \titlespacing*{\section}{0pt}{3.5ex plus 1ex minus .2ex}{2.3ex plus .2ex}
3901 \titlespacing*{\subsection}{0pt}{3.25ex plus 1ex minus .2ex}{1.5ex plus .2ex}
3902 }
3903 % Subsubsection and following section headings shouldn't be used.
3904 % See Bringham's _The Elements of Typography_, section 4.2.2.
3905 \renewcommand\subsubsection{%
3906 \bidityfttocError{\noexpand\subsubsection is undefined by this class.%
3907 \MessageBreak See Robert Bringham's _The Elements of
3908 \MessageBreak Typographic Style_, section 4.2.2.
3909 \MessageBreak \noexpand\subsubsection was used}

```

```

3910 {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
3911 \MessageBreak many levels of headings as you need, no more and no fewer. Also see the ma
3912 \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
3913 }
3914 \renewcommand\subparagraph{%
3915 \biditytetocError{\noexpand\subparagraph is undefined by this class.%
3916 \MessageBreak See Robert Bringhurst's _The Elements of
3917 \MessageBreak Typographic Style_, section 4.2.2.
3918 \MessageBreak \noexpand\subparagraph was used}
3919 {From Bringhurst's _The Elements of Typographic Style_, section 4.2.2: Use as
3920 \MessageBreak many levels of headings as you need, no more and no fewer. Also see the ma
3921 \MessageBreak related threads on Ask E.T. at http://www.edwardbiditytetoc.com/.}
3922 }
3923 % Formatting for main TOC (printed in front matter)
3924 % {section} [left] {above} {before w/label} {before w/o label} {filler + page} [after]
3925 \ifthenelse{\boolean{@biditytetoc@toc}}{%
3926 \hopatch@AfterPackage{bidi}{%
3927 \titlecontents{part}% FIXME
3928 [0em] % distance from left margin
3929 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global format
3930 {\contentslabel{2em}} % before w/label (label = "II")
3931 {} % before w/o label
3932 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3933 [\end{fullwidth}] % after
3934 \titlecontents{chapter}%
3935 [0em] % distance from left margin
3936 {\vspace{1.5\baselineskip}\begin{fullwidth}\LARGE\rmfamily\itshape} % above (global format
3937 {\hspace*{0em}\contentslabel{2em}} % before w/label (label = "2")
3938 {\hspace*{0em}} % before w/o label
3939 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3940 [\end{fullwidth}] % after
3941 \titlecontents{section}% FIXME
3942 [0em] % distance from left margin
3943 {\vspace{0\baselineskip}\begin{fullwidth}\Large\rmfamily\itshape} % above (global format
3944 {\hspace*{2em}\contentslabel{2em}} % before w/label (label = "2.6")
3945 {\hspace*{2em}} % before w/o label
3946 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3947 [\end{fullwidth}] % after
3948 \titlecontents{subsection}% FIXME
3949 [0em] % distance from left margin
3950 {\vspace{0\baselineskip}\begin{fullwidth}\large\rmfamily\itshape} % above (global format
3951 {\hspace*{4em}\contentslabel{4em}} % before w/label (label = "2.6.1")
3952 {\hspace*{4em}} % before w/o label
3953 {\rmfamily\upshape\quad\thecontentspage} % filler + page (leaders and page num)
3954 [\end{fullwidth}] % after
3955 \titlecontents{paragraph}% FIXME
3956 [0em] % distance from left margin
3957 {\vspace{0\baselineskip}\begin{fullwidth}\normalsize\rmfamily\itshape} % above (global fo
3958 {\hspace*{6em}\contentslabel{2em}} % before w/label (label = "2.6.0.0.1")
3959 {\hspace*{6em}} % before w/o label

```

```

3960     {\rmfamily\upshape\qquad\thecontentspage} % filler + page (leaders and page num)
3961     [\end{fullwidth}] % after
3962 }%
3963 {}
3964 %%
3965 % Format lists of figures/tables
3966 \renewcommand\listoffigures{%
3967   \ifundefined{chapter}%
3968     {\section*{\listfigurename}}%
3969     {\chapter*{\listfigurename}}%
3970 % \begin{fullwidth}%
3971   \@starttoc{lof}%
3972 % \end{fullwidth}%
3973 }
3974 \renewcommand\listoftables{%
3975   \ifundefined{chapter}%
3976     {\section*{\listtablename}}%
3977     {\chapter*{\listtablename}}%
3978 % \begin{fullwidth}%
3979   \@starttoc{lot}%
3980 % \end{fullwidth}%
3981 }
3982 \newcommand{\@bidityfttoc@lof@line}[2]{%
3983   % #1 is the figure/table number and its caption text
3984   % #2 is the page number on which the figure/table appears
3985   \leftskip 0.0em
3986   \rightskip 0em
3987   \parfillskip 0em plus 1fil
3988   \parindent 0.0em
3989   \@afterindenttrue
3990   \interlinepenalty\@M
3991   \leavevmode
3992   \@tempdima 2.0em
3993   \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
3994   \null\nobreak\hskip -\if@RTL\rightskip\else\leftskip\fi
3995   {#1}\nobreak\qquad\nobreak#2%
3996   \par%
3997 }
3998 \renewcommand*\l@figure{\@bidityfttoc@lof@line}
3999 \let\l@table\l@figure

```

7.23 bidityftgeneralstructure.sty

```

4000 \NeedsTeXFormat{LaTeX2e}
4001 \ProvidesPackage{bidityftgeneralstructure}[2011/06/18 v0.1
4002 bidi implementation of tufte general structure]
4003 \renewcommand\small{%
4004   \@setfontsize\small\@ixpt{12}%
4005   \abovedisplayskip 8.5\p@ \@plus3\p@ \@minus4\p@
4006   \abovedisplayshortskip \z@ \@plus2\p@

```

```

4007 \belowdisplaysshortskip 4\p@ \@plus2\p@ \@minus2\p@
4008 \def\@listi{\leftmargin\leftmargini
4009 \topsep 4\p@ \@plus2\p@ \@minus2\p@
4010 \parsep 2\p@ \@plus\p@ \@minus\p@
4011 \itemsep \parsep}%
4012 \belowdisplayskip \abovedisplayskip
4013 }
4014 \renewcommand\scriptsize{\@setfontsize\scriptsize\@viipt\@viipt}
4015 \renewcommand\tiny{\@setfontsize\tiny\@vpt\@vpt}
4016 \renewcommand\large{\@setfontsize\large\@xipt{15}}
4017 \renewcommand\Large{\@setfontsize\Large\@xiipt{16}}
4018 \renewcommand\LARGE{\@setfontsize\LARGE\@xivpt{18}}
4019 \renewcommand\huge{\@setfontsize\huge\@xxpt{30}}
4020 \renewcommand\Huge{\@setfontsize\Huge{24}{36}}
4021 \setlength\leftmargini {1pc}
4022 \setlength\leftmarginii {1pc}
4023 \setlength\leftmarginiii {1pc}
4024 \setlength\leftmarginiv {1pc}
4025 \setlength\leftmarginv {1pc}
4026 \setlength\leftmarginvi {1pc}
4027 \setlength\labelsep {.5pc}
4028 \setlength\labelwidth {\leftmargini}
4029 \addtolength\labelwidth{-\labelsep}
4030 \setlength{\parindent}{1.0pc}%
4031 \setlength{\parskip}{0pt}%
4032 \RequirePackage{ragged2e}
4033 \setlength{\RaggedRightRightskip}{\z@ plus 0.08\hsize}
4034 % Paragraph indentation and separation for normal text
4035 \newcommand{\@bidituftegeneralstructure@reset@par}{%
4036 \setlength{\RaggedRightParindent}{1.0pc}%
4037 \setlength{\JustifyingParindent}{1.0pc}%
4038 \setlength{\parindent}{1pc}%
4039 \setlength{\parskip}{0pt}%
4040 }
4041 \@bidituftegeneralstructure@reset@par
4042 % Require paralist package for tighter lists
4043 \RequirePackage{paralist}
4044 % Add rightmargin to compactenum
4045 \def\@compactenum{%
4046 \expandafter\list\csname label\@enumctr\endcsname{%
4047 \usecounter{\@enumctr}%
4048 \rightmargin=2em% added this
4049 \parsep\plparsep
4050 \itemsep\plitemsep
4051 \topsep\pltopsep
4052 \partopsep\plpartopsep
4053 \def\makelabel##1{\hss\llap{##1}}}}
4054 %%
4055 % An environment for paragraph-style section
4056 \providecommand\newthought[1]{%

```

```

4057 \addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}%
4058 \noindent\textbf{#1}%
4059 }
4060 %%
4061 % Redefine the display environments (quote, quotation, etc.)
4062 \renewenvironment{verse}
4063     {\let\\\@centercr
4064      \list{}\{\itemsep \z@
4065       \itemindent -1pc%
4066       \listparindent\itemindent
4067       \rightmargin \leftmargin
4068       \advance\leftmargin 1pc}%
4069      \small%
4070      \item\relax}
4071     {\endlist}
4072 \renewenvironment{quotation}
4073     {\list{}\{\listparindent 1pc%
4074      \itemindent \listparindent
4075      \rightmargin \leftmargin
4076      \parsep \z@ \@plus\p@}%
4077      \small%
4078      \item\relax\noindent\ignorespaces}
4079     {\endlist}
4080 \renewenvironment{quote}
4081     {\list{}\{\rightmargin\leftmargin}%
4082      \small%
4083      \item\relax}
4084     {\endlist}
4085 % Italicize description run-in headings (instead of the default bold)
4086 \renewcommand*{\descriptionlabel[1]}{\hspace\labelsep\normalfont\em #1}
4087 %%
4088 % Redefine \bibsection to not mark the running heads.
4089 % (Code modified from natbib.sty.)
4090 \ifundefined{chapter}%
4091     {\renewcommand\bibsection{\section*{\refname}}}
4092     {\ifundefined{NAT@sectionbib}%
4093      {\renewcommand\bibsection{\chapter{\bibname}}}
4094      {\renewcommand\bibsection{\section*{\bibname}}}}
4095 \RequirePackage{multicol}
4096 \renewenvironment{theindex}{%
4097 \ifundefined{chapter}%
4098     {\section*{\indexname}}%
4099     {\chapter{\indexname}}%
4100 \begin{fullwidth}%
4101 \small%
4102 \parskip0pt%
4103 \parindent0pt%
4104 \let\item\@idxitem%
4105 \begin{multicols}{3}%
4106 }{%

```

```

4107 \end{multicols}%
4108 \end{fullwidth}%
4109 }
4110 \AtBeginDocument{%
4111 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi2em}%
4112 \renewcommand\subitem{\par\hangindent \if@RTL-\fi3em\hspace*{1em}}%
4113 \renewcommand\subsubitem{\par\hangindent \if@RTL-\fi4em\hspace*{2em}}
4114 \renewcommand\indexspace{\par\addvspace{1.0\baselineskip plus 0.5ex minus 0.2ex}\relax}%
4115 \newcommand{\lettergroup}[1]{}% swallow the letter heading in the index

```

7.24 bidunttehyperref.sty

```

4116 \NeedsTeXFormat{LaTeX2e}
4117 \ProvidesPackage{bidunttehyperref}[2011/06/18 v0.1
4118 bidi implementation of tufte hyperref]
4119 %%
4120 % Color
4121 \RequirePackage[usenames,dvipsnames,svgnames]{xcolor}%
4122 \newboolean{@bidunttehyperref@loadhyper}
4123 \setboolean{@bidunttehyperref@loadhyper}{true}
4124 \DeclareOption{hyper}{\setboolean{@bidunttehyperref@loadhyper}{true}}
4125 \DeclareOption{nohyper}{\setboolean{@bidunttehyperref@loadhyper}{false}}
4126 \ProcessOptions
4127 %% Loads the hyperref package and sets some default options.
4128 \newcommand{\bidunttehyperrefLoadHyperref}{%
4129 \RequirePackage[hyperfootnotes=false,colorlinks=true]{hyperref}
4130 \hypersetup{%
4131     bookmarksdepth = section,
4132     citecolor = DarkGreen,
4133     linkcolor = DarkBlue,
4134     pagecolor = DarkBlue,
4135     urlcolor = DarkGreen,
4136 }%
4137 }
4138 \ifthenelse{\boolean{@bidunttehyperref@loadhyper}}{%
4139 \bidunttehyperrefLoadHyperref%
4140 }{% hyperfootnotes override our modifications to the \footnote* and \@footnote* commands.
4141 \PassOptionsToPackage{hyperfootnotes=false}{hyperref}
4142 }

```

7.25 bidunttetitle.sty

```

4143 \NeedsTeXFormat{LaTeX2e}
4144 \ProvidesPackage{bidunttetitle}[2011/06/18 v0.1
4145 bidi implementation of tufte title]
4146 \RequirePackage{etoolbox}
4147 %%
4148 % 'titlepage' option -- creates a full title page with \maketitle
4149 \newboolean{@bidunttetitle@titlepage}
4150 \DeclareOption{titlepage}{\setboolean{@bidunttetitle@titlepage}{true}}
4151 \DeclareOption{notitlepage}{\setboolean{@bidunttetitle@titlepage}{false}}

```

```

4152 % Default 'book' and 'handout' options
4153 \@ifclassloaded{book}{%
4154 \ExecuteOptions{titlepage}}{%
4155 \@ifclassloaded{article}{%
4156 \ExecuteOptions{notitlepage}}%
4157 {}}
4158 \ProcessOptions
4159 %%
4160 % Modified \title, \author, and \date commands. These store the
4161 % (footnote-less) values in \plaintitle, \plainauthor, and \thedeate, respectively.
4162 \newcommand{\plaintitle}{}% plain-text-only title
4163 \newcommand{\plainauthor}{}% plain-text-only author
4164 \newcommand{\plainpublisher}{}% plain-text-only publisher
4165 \newcommand{\thanklesstitle}{}% full title text minus \thanks{}
4166 \newcommand{\thanklessauthor}{}% full author text minus \thanks{}
4167 \newcommand{\thanklesspublisher}{}% full publisher minus \thanks{}
4168 \newcommand{\@publisher}{}% full publisher with \thanks{}
4169 \newcommand{\thedeate}{\today}
4170 \hopatch@AfterPackage{bidi}{%
4171 \renewcommand{\thanks}[1]{\footnote{#1}}
4172 \renewcommand{\LTRthanks}[1]{\LTRfootnote{#1}}
4173 \renewcommand{\RTLthanks}[1]{\RTLfootnote{#1}}
4174 }
4175 \renewcommand{\title}[2][]{%
4176 \gdef\@title{#2}%
4177 \begingroup%
4178 % TODO store contents of \thanks command
4179 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4180 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4181 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4182 \protected@xdef\thanklesstitle{#2}%
4183 \endgroup%
4184 \ifthenelse{\isempty{#1}}{%
4185 {\renewcommand{\plaintitle}{\thanklesstitle}}% use thankless title
4186 {\renewcommand{\plaintitle}{#1}}% use provided plain-text title
4187 \@ifundefined{hypersetup}%
4188 {}% hyperref is not loaded; do nothing
4189 {\hypersetup{pdftitle={\plaintitle}}}% set the PDF metadata title
4190 }
4191 \let\@author\@empty% suppress default latex.ltx 'no author' warning
4192 \renewcommand{\author}[2][]{%
4193 \ifthenelse{\isempty{#2}}{}{\gdef\@author{#2}}%
4194 \begingroup%
4195 % TODO store contents of \thanks command
4196 \renewcommand{\thanks}[1]{}% swallow \thanks contents
4197 \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4198 \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4199 \protected@xdef\thanklessauthor{#2}%
4200 \endgroup%
4201 \ifthenelse{\isempty{#1}}%

```



```

4202     {\renewcommand{\plainauthor}{\thanklessauthor}}% use thankless author
4203     {\renewcommand{\plainauthor}{#1}}% use provided plain-text author
4204 \@ifundefined{hypersetup}%
4205     {}% hyperref is not loaded; do nothing
4206     {\hypersetup{pdfauthor={\plainauthor}}}% set the PDF metadata author
4207 }
4208 \renewcommand{\date}[1]{%
4209     \gdef\@date{#1}%
4210     \begingroup%
4211         % TODO store contents of \thanks command
4212         \renewcommand{\thanks}[1]{}% swallow \thanks contents
4213         \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4214         \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4215         \protected@xdef\thedata{#1}%
4216     \endgroup%
4217 }
4218 %%
4219 % Provides a \publisher command to set the publisher
4220 \newcommand{\publisher}[2] []{%
4221     \gdef\@publisher{#2}%
4222     \begingroup%
4223         \renewcommand{\thanks}[1]{}% swallow \thanks contents
4224         \renewcommand{\LTRthanks}[1]{}% swallow \LTRthanks contents
4225         \renewcommand{\RTLthanks}[1]{}% swallow \RTLthanks contents
4226         \protected@xdef\thanklesspublisher{#2}%
4227     \endgroup%
4228     \ifthenelse{\isempty{#1}}{
4229         {\renewcommand{\plainpublisher}{\thanklesspublisher}}% use thankless publisher
4230         {\renewcommand{\plainpublisher}{#1}}% use provided plain-text publisher
4231     }
4232 %%
4233 % Produces a full title page
4234 \newcommand{\maketitlepage}[0]{%
4235     \cleardoublepage%
4236     {%
4237         \bfseries%
4238         \begin{fullwidth}%
4239             \fontsize{18}{20}\selectfont\par\noindent\thanklessauthor%
4240             \vspace{11.5pc}%
4241             \fontsize{36}{40}\selectfont\par\noindent\thanklesstitle%
4242             \vfill%
4243             \fontsize{14}{16}\selectfont\par\noindent\thanklesspublisher%
4244         \end{fullwidth}%
4245     }
4246     \thispagestyle{empty}%
4247     \clearpage%
4248 }
4249 %%
4250 % Title block
4251 \AfterEndPreamble{%

```

```

4252 \renewcommand{\maketitle}{%
4253   \newpage%
4254   \global\@topnum\z@% prevent floats from being placed at the top of the page
4255   \begingroup%
4256     \setlength{\parindent}{0pt}%
4257     \setlength{\parskip}{4pt}%
4258     \let\@title\@empty%
4259     \let\@author\@empty%
4260     \let\@date\@empty%
4261     \gdef\@title{\LARGE\itshape\@title\par}%
4262     \gdef\@author{\Large\itshape\@author\par}%
4263     \gdef\@date{\Large\itshape\@date\par}%
4264     \@title%
4265     \@author%
4266     \@date%
4267   \endgroup%
4268   \thispagestyle{plain}% suppress the running head
4269 }%
4270 }
4271 %%
4272 % Title page (if the 'titlepage' option was passed to the bdituftetitle-handout
4273 % class.)
4274 \AfterEndPreamble{%
4275   \ifthenelse{\boolean{@bidituftetitle@titlepage}}{
4276     {\renewcommand{\maketitle}{\maketitlepage}}
4277   }{
4278   }
4279   %%
4280 % When \cleardoublepage is called, produce a blank (empty) page -- i.e.,
4281 % without headers and footers
4282 \def\cleardoublepage{\clearpage\if@twoside\ifodd\c@page\else
4283   \hbox{}
4284   %\vspace*{\fill}
4285   %\begin{center}
4286   % This page intentionally contains only this sentence.
4287   %\end{center}
4288   %\vspace{\fill}
4289   \thispagestyle{empty}
4290   \newpage
4291   \if@twocolumn\hbox{}\newpage\fi\fi\fi}

```

7.26 bditufte-handout.cls

```

4292 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4293 \ProvidesClass{biditufte-handout}[2011/06/18 v0.1 bditufte-handout class]
4294 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
4295 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftefloat}}
4296 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftetoc}}
4297 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftehyperref}}
4298 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidituftetitle}}

```

```

4299 \ProcessOptions\relax
4300 \LoadClass{article}
4301 \RequirePackage{bidiutefloat}
4302 \RequirePackage{bidiuftesidenote}
4303 \RequirePackage{bidiuftetoc}
4304 \RequirePackage{bidiuftegeneralstructure}
4305 \RequirePackage{bidiuftehyperref}
4306 \RequirePackage{bidiuftetitle}
4307 \renewenvironment{abstract}
4308   {\begin{quotation}}
4309   {\end{quotation}}
4310 \AtBeginDocument{%
4311 \IfFileExists{bidiufte-handout.cfg}
4312   {\input{bidiufte-handout.cfg}
4313    \ClassInfo{bidiufte-handout}{Loading bidiufte-handout configuration file \@gobble}}
4314   {}%
4315 }

```

7.27 bidiufte-book.cls

```

4316 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
4317 \ProvidesClass{bidiufte-book}[2011/06/18 v0.1 bidiufte-book class]
4318 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
4319 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiutefloat}}
4320 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiuftetoc}}
4321 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiuftehyperref}}
4322 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{bidiuftetitle}}
4323 \ProcessOptions\relax
4324 \LoadClass{book}
4325 \RequirePackage{bidiutefloat}
4326 \RequirePackage{bidiuftesidenote}
4327 \RequirePackage{bidiuftetoc}
4328 \RequirePackage{bidiuftegeneralstructure}
4329 \RequirePackage{bidiuftehyperref}
4330 \RequirePackage{bidiuftetitle}
4331 %%
4332 % Set up any book-specific stuff now
4333 %%
4334 % The front matter in Tufte's /Beautiful Evidence/ contains everything up
4335 % to the opening page of Chapter 1. The running heads, when they appear,
4336 % contain only the (arabic) page number in the outside corner.
4337 %\newif\if@mainmatter \@mainmattertrue
4338 \renewcommand\frontmatter{%
4339   \cleardoublepage%
4340   \@mainmatterfalse%
4341   \pagenumbering{arabic}%
4342   %\pagestyle{plain}%
4343   \fancyhf{}%
4344   \ifthenelse{\boolean{@bidiutefloat@twoside}}{%
4345     {\fancyhead[LE,R0]{\thepage}}%

```

```

4346     {\fancyhead[RE,RO]{\thepage}}%
4347 }
4348 %%
4349 % The main matter in Tufte's /Beautiful Evidence/ doesn't restart the page
4350 % numbering---it continues where it left off in the front matter.
4351 \renewcommand\mainmatter{%
4352   \cleardoublepage%
4353   \@mainmattertrue%
4354   \fancyhf{}%
4355   \ifthenelse{\boolean{@biditytuftefloat@twoside}}%
4356     {\renewcommand{\chaptermark}[1]{\markboth{##1}{}}}%
4357     {\fancyhead[LE]{\thepage\quad\smallcaps{\newlinetospace{\plaintitle}}}% book title
4358     \fancyhead[RO]{\smallcaps{\newlinetospace{\leftmark}}\quad\thepage}% chapter title
4359     {\fancyhead[RE,RO]{\smallcaps{\newlinetospace{\plaintitle}}\quad\thepage}}% book title
4360 }
4361 %%
4362 % The back matter contains appendices, indices, glossaries, endnotes,
4363 % bibliographies, list of contributors, illustration credits, etc.
4364 \renewcommand\backmatter{%
4365   \if@openright%
4366     \cleardoublepage%
4367   \else%
4368     \clearpage%
4369   \fi%
4370   \@mainmatterfalse%
4371 }
4372 %%
4373 % Only show the chapter titles in the table of contents
4374 \setcounter{tocdepth}{0}
4375 \AtBeginDocument{%
4376   \IfFileExists{biditytufte-book.cfg}
4377   {\input{biditytufte-book.cfg}
4378    \ClassInfo{biditytufte-book}{Loading biditytufte-book configuration file \@gobble}}
4379   {}%
4380 }

```

7.28 bidipoem.sty

```

4381 \NeedsTeXFormat{LaTeX2e}
4382 \ProvidesPackage{bidipoem}%
4383 [2014/02/05 v0.7 Environments for typesetting Persian traditional and modern poems]
4384 {\catcode'\^^M=\active % these lines must end with %
4385   \gdef\traditionalpoem@obeylines{\catcode'\^^M\active \let^^M\traditionalpoem@par}%
4386   \global\let^^M\traditionalpoem@par} % this is in case ^^M appears in a \write
4387 {\catcode'\^^M=\active % these lines must end with %
4388   \gdef\modernpoem@obeylines{\catcode'\^^M\active \let^^M\modernpoem@par}%
4389   \global\let^^M\modernpoem@par} % this is in case ^^M appears in a \write
4390 \def\poemcolsepskip{.1\versewidth plus .1\versewidth minus .05\versewidth}
4391 \def\poemmarginsskip{1em plus 1fil minus 1em}
4392 \def\poemextrabaselineskip{0\baselineskip}

```

```

4393 \def\poemskip{\medskip}
4394 \newcommand{\bidipoem@openbox}{\leavevmode
4395   \hbox to.77778em{%
4396     \hfil\vrule
4397     \vbox to.675em{\hrule width.6em\vfil\hrule}%
4398     \vrule\hfil}}
4399 \def\poemblocksep{\quad\hbox{\bidipoem@openbox}}
4400 \newdimen\versewidth
4401 \newtoks\bidipoem@p@ftn
4402 \def\poem@verse#1{%
4403   \ifdim\wd#1>\new@poem@width
4404   \xdef\new@poem@width{\the\wd#1}%
4405   \ifdim\new@poem@width>\poem@width
4406   \xdef\poem@width{\new@poem@width}%
4407   \global\let\poem@needrun\relax
4408   \fi
4409   \fi
4410   \hbox to\poem@width{\unhbox#1}%
4411   \global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn%
4412 }
4413 \def\poem@linebegin{\vadjust{}\hskip\@flushglue\hskip\poemmargin\skip\relax}
4414 \def\poem@lineend{\nobreak\hskip\poemmargin\skip\@flushglue\vadjust{}}
4415 \def\poem@lineversesep{%
4416   \nobreak
4417   \hskip\z@ plus 1filll%
4418   \penalty600%
4419   \hskip\poemcolsepskip
4420   \hskip\z@ plus -2filll%
4421   \vadjust{}}%
4422   \nobreak
4423   \hskip\z@ plus 1filll%
4424 }
4425 \def\poem@lineparsebegin{%
4426   \halign\bgroup
4427   \global\setbox\verse@i=\hbox{%
4428     \let\@footnotetext\bidipoem@p@ftntext%
4429     \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4430     \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4431     \let\@xfootnotenext\bidipoem@p@xftntext%
4432     \let\@xfootnote\bidipoem@p@xfootnote%
4433     \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4434     \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4435     \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4436     \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4437     \ignorespaces##\unskip}&&
4438   \global\setbox\verse@ii=\hbox{%
4439     \let\@footnotetext\bidipoem@p@ftntext%
4440     \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4441     \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4442     \let\@xfootnotenext\bidipoem@p@xftntext%

```

```

4443 \let\@xfootnote\bidipoem@p@xfootnote%
4444 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4445 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4446 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4447 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4448 \ignorespaces##\unskip}
4449 \cr
4450 }
4451 \def\poem@lineparseend{%
4452 \crr\egroup
4453 \vskip-\baselineskip
4454 }
4455 \def\traditionalpoem@cr{%
4456 \cr\poem@line
4457 }
4458 \newbox\verse@i
4459 \newbox\verse@ii
4460 \newif\ifpoem@started
4461
4462 \def\poem@line{%
4463 \poem@lineparseend
4464 \ifdim\wd\verse@i>\z@\global\poem@startedtrue\fi
4465 \ifdim\wd\verse@ii>\z@\global\poem@startedtrue\fi
4466 \ifpoem@started
4467 \ifdim\wd\verse@ii>\z@\else
4468 \nopagebreak[3]
4469 \fi
4470 \leavevmode
4471 \poem@linebegin
4472 \poem@verse\verse@i
4473 \ifdim\wd\verse@ii>\z@
4474 \poem@lineversesep
4475 \poem@verse\verse@ii
4476 \fi
4477 \poem@lineend
4478 % \nopagebreak
4479 \par
4480 \vskip\poemextrabaselineskip
4481 \fi
4482 \poem@lineparsebegin
4483 }
4484 \def\@traditionalpoem{%
4485 \stepcounter{poem@no}
4486 \ifnum\max@poem@no<\number\c@poem@no%
4487 \xdef\poem@width{\z@}%
4488 \else
4489 \xdef\poem@width{\poem@prop{poem@width}}%
4490 \fi
4491 \xdef\new@poem@width{\z@}%
4492 \global\versewidth=\poem@width

```

```

4493 \poemskip\par
4494 \begingroup
4495 \tabskip=\z@
4496 \parskip=\z@
4497 \parindent=\z@
4498 \parfillskip=\z@
4499 \rightskip=\z@
4500 \leftskip=\z@
4501 \widowpenalty=10000% No break between verses of the same line.
4502 \clubpenalty=10000% Same as above. Not really needed.
4503 \def\newblock{\hfil\poemblocksep\hfil\null}%
4504 \def\traditionalpoem@par{\traditionalpoem@cr}% Redefine \par for possible \obeylines
4505 \def\{\global\poem@startedtrue\traditionalpoem@cr}%
4506 \global\poem@startedfalse
4507 \csname poem@obeylines\endcsname
4508 \let\poem@obeylines\relax
4509 \poem@lineparsebegin
4510 }
4511 \def\@endtraditionalpoem{%
4512 \cr
4513 \ifdim\wd\verse@i>\z@\poem@line\else\ifdim\wd\verse@ii>\z@\poem@line\else
4514 \noalign{%
4515 \skip0=\poemextrabaselineskip
4516 \vskip-\skip0
4517 \vskip-\baselineskip
4518 }%
4519 \fi\fi
4520 \poem@lineparseend
4521 \endgroup
4522 \par
4523 \vskip\baselineskip
4524 \poemskip
4525 \if@nparlist \else
4526 \ifdim\lastskip >\z@
4527 \@tempskipa\lastskip \vskip -\lastskip
4528 \advance\@tempskipa\parskip \advance\@tempskipa -\@outerparskip
4529 \vskip\@tempskipa
4530 \fi
4531 \@endparenv
4532 \fi
4533 \ifdim\new@poem@width<\poem@width
4534 \global\let\poem@needrun\relax
4535 \fi
4536 \poem@write@aux{\poem@width@\romannumeral\c@poem@no}{\new@poem@width}%
4537 \ifx\AtEndDocument\undefined\poem@finish\fi
4538 }
4539
4540
4541 \long\def\bidipoem@p@ftntext#1{%
4542 \edef\@temp{the\bidipoem@p@ftn\noexpand\footnotetext[\the\csname c@\@mpfn\endcsname]}%

```

```

4543 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4544 \long\def\bidipoem@p@LTrftntext#1{%
4545 \edef\@tempxi{\the\bidipoem@p@ftn\noexpand\LTrfootnotetext[\the\csname c@{\@mpfn}\endcsname]}%
4546 \global\bidipoem@p@ftn\expandafter{\@tempxi{#1}}}%
4547 \long\def\bidipoem@p@RTLftntext#1{%
4548 \edef\@tempxii{\the\bidipoem@p@ftn\noexpand\RTLfootnotetext[\the\csname c@{\@mpfn}\endcsname]}%
4549 \global\bidipoem@p@ftn\expandafter{\@tempxii{#1}}}%
4550
4551 \long\def\bidipoem@p@xftntext[#1]#2{%
4552 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\footnotetext[#1]{#2}}}%
4553
4554 \long\def\bidipoem@p@xLTrftntext[#1]#2{%
4555 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\LTrfootnotetext[#1]{#2}}}%
4556
4557 \long\def\bidipoem@p@xRTLftntext[#1]#2{%
4558 \global\bidipoem@p@ftn\expandafter{\the\bidipoem@p@ftn\RTLfootnotetext[#1]{#2}}}%
4559
4560 \def\bidipoem@p@xfootnote[#1]{%
4561 \begingroup
4562 \csname c@{\@mpfn}\endcsname #1\relax
4563 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4564 \endgroup
4565 \@footnotemark\bidipoem@p@xftntext[#1]}%
4566
4567 \def\bidipoem@p@xLTrfootnote[#1]{%
4568 \begingroup
4569 \csname c@{\@mpfn}\endcsname #1\relax
4570 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4571 \endgroup
4572 \@footnotemark\bidipoem@p@xLTrftntext[#1]}%
4573
4574 \def\bidipoem@p@xRTLfootnote[#1]{%
4575 \begingroup
4576 \csname c@{\@mpfn}\endcsname #1\relax
4577 \unrestored@protected@xdef\@thefnmark{\thempfn}%
4578 \endgroup
4579 \@footnotemark\bidipoem@p@xRTLftntext[#1]}%
4580
4581
4582
4583 \newenvironment{traditionalpoem}{\@traditionalpoem}{\@endtraditionalpoem}
4584 \expandafter\def\csname traditionalpoem*\endcsname{\let\poem@obeylines=\traditionalpoem@obeylines}
4585 \expandafter\def\csname endtraditionalpoem*\endcsname{\endtraditionalpoem}
4586 \def\poem@finish{%
4587 \poem@write@aux{max@poem@no}{\number\c@poem@no}%
4588 \ifx\poem@needrun\relax
4589 \PackageWarning{bidipoem}{Unjustified poem. Rerun XeLaTeX to get poem right}%
4590 \global\let\poem@needrun\undefined
4591 \fi
4592 }

```



```

4593 \ifx\AtEndDocument\undefined\else\AtEndDocument\poem@finish\fi
4594 \newcounter{poem@no}\setcounter{poem@no}{\z@}
4595 \ifx\max@poem@no\undefined
4596     \def\max@poem@no{0}%
4597 \fi
4598 \newcommand{\poem@prop}[1]{\@nameuse{#1@\romannumeral\c@poem@no}}
4599 \newcommand{\poem@write@aux}[2]{%
4600     \def\@x{\immediate\write\@auxout{\global\noexpand\@namedef{#1}{#2}}}%
4601     \@x
4602 }
4603 \def\@modernpoem{%
4604 \par
4605 \begingroup
4606 \parskip=\z@
4607 \parindent=\z@
4608 \def\[{ \@settab\@tabplus\ignorespaces}%
4609 \def\]\@tabminus\ignorespaces}%
4610 \def\newblock{\poemblocksep}%
4611 \let\newpoem@tabcr\@tabcr
4612 \def\modernpoem@par{% Redefine \par for possible \obeylines
4613     \ifpoem@started\else
4614         \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4615             \@stopfield
4616             \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4617             \@contfield
4618         \fi
4619     \fi
4620     \ifpoem@started\newpoem@tabcr\fi}%
4621 \def\@tabcr{\global\poem@startedtrue\newpoem@tabcr}%
4622 \global\poem@startedfalse
4623 \csname poem@obeylines\endcsname
4624 \let\poem@obeylines\relax
4625 \begin{tabbing}%
4626 }
4627 \def\@endmodernpoem{%
4628 \global\poem@startedfalse
4629 \ifdim\wd\@curline>\z@\global\poem@startedtrue\else
4630     \@stopfield
4631     \ifdim\wd\@curfield>\z@\global\poem@startedtrue\fi
4632     \@contfield
4633 \fi
4634 \ifpoem@started\else\let\@stopline\@stopfield\fi
4635 \end{tabbing}%
4636 \endgroup
4637 \par
4638 \if@nparlist \else
4639     \ifdim\lastskip >\z@
4640         \@tempskipa\lastskip \vskip -\lastskip
4641         \advance\@tempskipa\parskip \advance\@tempskipa -\@outerparskip
4642         \vskip\@tempskipa

```

```

4643     \fi
4644     \@endparenv
4645     \fi
4646 }
4647 \newenvironment{modernpoem}{\@modernpoem}{\@endmodernpoem}
4648 \expandafter\def\csname modernpoem*\endcsname{\let\poem@obeylines=\modernpoem@obeylines\modernpoem@obeylines}
4649 \expandafter\def\csname endmodernpoem*\endcsname{\endmodernpoem}
4650 \gdef\@startfield{%
4651 \global\setbox\@curfield\hbox\bgroup%
4652 \let\@footnotetext\bidipoem@p@ftntext%
4653 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4654 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4655 \let\@xfootnotenext\bidipoem@p@xftntext%
4656 \let\@xfootnote\bidipoem@p@xfootnote%
4657 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4658 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4659 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4660 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4661 \color@begingroup}
4662 \gdef\@stopfield{%
4663     \color@endgroup\egroup\global\bidipoem@p@ftn\expandafter{\expandafter}\the\bidipoem@p@ftn}
4664 \gdef\@contfield{%
4665 \global\setbox\@curfield\hbox\bgroup%
4666 \let\@footnotetext\bidipoem@p@ftntext%
4667 \let\@LTRfootnotetext\bidipoem@p@LTRftntext%
4668 \let\@RTLfootnotetext\bidipoem@p@RTLftntext%
4669 \let\@xfootnotenext\bidipoem@p@xftntext%
4670 \let\@xfootnote\bidipoem@p@xfootnote%
4671 \let\@xLTRfootnotenext\bidipoem@p@xLTRftntext%
4672 \let\@xLTRfootnote\bidipoem@p@xLTRfootnote%
4673 \let\@xRTLfootnotenext\bidipoem@p@xRTLftntext%
4674 \let\@xRTLfootnote\bidipoem@p@xRTLfootnote%
4675 \color@begingroup\unhbox\@curfield}

```

7.29 boek3-xetex-bidi.def

```

4676 \ProvidesFile{boek3-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek3 class for XeTeX]
4677 \renewenvironment{theindex}{%
4678     \if@twocolumn
4679         \@restonecolfalse
4680     \else
4681         \@restonecoltrue
4682     \fi
4683     \columnseprule \z@
4684     \columnsep 35\p@
4685     \twocolumn[\@makeschapterhead{\indexname}]{%
4686         \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
4687     \thispagestyle{plain}\parindent\z@
4688     \parskip\z@ \@plus .3\p@\relax
4689     \let\item\@idxitem

```

```

4690 }{%
4691 \if@restonecol\onecolumn\else\clearpage\fi}
4692 \renewcommand*\head@style{%
4693 \interlinepenalty \@M
4694 \hyphenpenalty=\@M \exhyphenpenalty=\@M
4695 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4696 \renewcommand*\@regtocline[3]{%
4697 \ifnum #1>\c@tocdepth
4698 \else
4699 \vskip\z@\@plus.2\p@
4700 {\hangindent\z@ \afterindenttrue \interlinepenalty\@M
4701 \if@RTL\rightskip\else\leftskip\fi\unitindent
4702 \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
4703 \parfillskip\z@
4704 \@tempdima\unitindent
4705 \parindent\z@
4706 \leavevmode
4707 \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
4708 \hskip 1em \nobreak{\slshape #3}\par
4709 }%
4710 \fi}
4711 \if@oldtoc
4712 \renewcommand*\l@part[2]{%
4713 \ifnum \c@tocdepth >-2\relax
4714 \addpenalty{-\@highpenalty}%
4715 \addvspace{2.25em \@plus\p@}%
4716 \begingroup
4717 \setlength\@tempdima{3em}%
4718 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4719 \parfillskip -\@pnumwidth
4720 {\leavevmode
4721 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
4722 \nobreak
4723 \global\@nobreaktrue
4724 \everypar{\global\@nobreakfalse\everypar{}}%
4725 \endgroup
4726 \fi}
4727 \else
4728 \renewcommand*\l@part{%
4729 \ifnum \c@tocdepth >-2\relax
4730 \addpenalty{-\@highpenalty}%
4731 \addvspace{2.25em \@plus\p@}%
4732 \@regtocline{0}%
4733 \fi}
4734 \fi
4735 \if@oldtoc
4736 \renewcommand*\l@chapter[2]{%
4737 \addpenalty{-\@highpenalty}%
4738 \vskip 1.0em \@plus\p@
4739 \setlength\@tempdima{1.5em}%

```

```

4740 \beginngroup
4741 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4742 \parfillskip -\@pnumwidth
4743 \leavevmode \bfseries
4744 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
4745 \hskip -\if@RTL\rightskip\else\leftskip\fi
4746 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
4747 \penalty\@highpenalty
4748 \endgroup}
4749 \else
4750 \renewcommand*\l@chapter{\@regtocline{0}}
4751 \fi
4752 \renewenvironment{abstract}{%
4753     \titlepage
4754     \null\vfil
4755     \section*{\SectFont \abstractname}
4756     \noindent\ignorespaces}
4757 {\par\vfil\null\endtitlepage}
4758 \renewenvironment{thebibliography}[1]
4759 {\chapter*{\bibname}%
4760     \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
4761     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
4762     \list{\@biblabel{\@arabic\c@enumiv}}%
4763         {\settowidth\labelwidth{\@biblabel{#1}}%
4764         \leftmargin\labelwidth
4765         \advance\leftmargin\labelsep
4766         \@openbib@code
4767         \usecounter{enumiv}%
4768         \let\p@enumiv\@empty
4769         \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
4770     \sloppy\clubpenalty4000\widowpenalty4000%
4771     \sfcode'\.\@m}
4772 {\def\@noitemerr
4773     {\@latex@warning{Empty 'thebibliography' environment}}%
4774     \endlist}
4775 \renewcommand*\left@footnoterule{%
4776     \kern-3\p@
4777     \kern.5\baselineskip
4778     \hrule\@width\unitindent
4779     \kern.4\baselineskip
4780 }
4781 \renewcommand*\right@footnoterule{%
4782     \hbox to \columnwidth
4783     {\beginR \vbox{%
4784         \kern-3\p@
4785         \kern.5\baselineskip
4786         \hrule\@width\unitindent
4787         \kern.4\baselineskip}\hfil\endR}
4788 }
4789 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}

```

```

4790 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@section}
4791 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
4792 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
4793 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
4794 \renewcommand*\theequation{%
4795   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
4796 \renewcommand*\thefigure{%
4797   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
4798 \renewcommand*\thetable{%
4799   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
4800 \renewcommand*\maketitle{%
4801   \begin{titlepage}%
4802     \let\footnotesize\small
4803     \let\right@footnoterule\relax
4804     \let\left@footnoterule\relax
4805     \let\textwidth\footnoterule\relax
4806     \let \footnote \thanks
4807     \long\def\@makefntext##1{\parindent\z@
4808       \def\labelitemi{\textendash}\@revlabeltrue
4809       \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
4810     \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
4811     \if@compatibility\setcounter{page}{0}\fi
4812     \null\vfil
4813     \vskip 60\p@
4814     \begin{center}%
4815       \TitleFont
4816       {\LARGE \def\\{\penalty -\@M}
4817         \if@allcaps
4818           \expandafter\uc@nothanks\@title\thanks\relax
4819         \else
4820           \@title
4821         \fi\par}%
4822       \vskip 3em%
4823       {\large
4824         \lineskip .75em \parindent\z@
4825         \begin{tabular}[t]{c}%
4826           \if@allcaps
4827             \expandafter\uc@authornothanks\@author\and\relax
4828           \else
4829             \@author
4830           \fi
4831         \end{tabular}\par}%
4832       \vskip 1.5em%
4833       {\large
4834         \if@allcaps
4835           \uppercase\expandafter{\@date}%
4836         \else
4837           \@date
4838         \fi\par}%
4839     \end{center}\par

```

```

4840 \thanks
4841 \vfil\null
4842 \end{titlepage}%
4843 \setcounter{footnote}{0}%
4844 \global\let\thanks\relax
4845 \global\let\maketitle\relax
4846 \global\let\@thanks\@empty
4847 \global\let\@author\@empty
4848 \global\let\@title\@empty
4849 \global\let\@date\@empty
4850 \global\let\title\relax
4851 \global\let\author\relax
4852 \global\let\date\relax
4853 \global\let\and\relax
4854 }

```

7.30 boek-xetex-bidi.def

```

4855 \ProvidesFile{boek-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for boek class for XeTeX]
4856 \renewenvironment{theindex}{%
4857 \if@twocolumn
4858 \restonecolfalse
4859 \else
4860 \restonecoltrue
4861 \fi
4862 \columnseprule \z@
4863 \columnsep 35\p@
4864 \twocolumn[\@makeschapterhead{\indexname}]{%
4865 \mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}%
4866 \thispagestyle{plain}\parindent\z@
4867 \parskip\z@ \@plus .3\p@\relax
4868 \let\item\@idxitem
4869 }{%
4870 \if@restonecol\onecolumn\else\clearpage\fi}
4871 \renewcommand*{\head@style}{%
4872 \interlinepenalty \@M
4873 \hyphenpenalty=\@M \exhyphenpenalty=\@M
4874 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
4875 \renewcommand*{\regtocline}[3]{%
4876 \ifnum #1>\c@tocdepth
4877 \else
4878 \vskip\z@\@plus.2\p@
4879 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
4880 \if@RTL\rightskip\else\leftskip\fi\unitindent
4881 \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
4882 \parfillskip\z@
4883 \@tempdima\unitindent
4884 \parindent\z@
4885 \leavevmode
4886 \hbox{}}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak

```

```

4887     \hskip 1em \nobreak{\slshape #3}\par
4888   }%
4889 \fi}
4890 \if@oldtoc
4891 \renewcommand*\l@part[2]{%
4892   \ifnum \c@tocdepth >-2\relax
4893     \addpenalty{-\@highpenalty}%
4894     \addvspace{2.25em \@plus\p@}%
4895     \begingroup
4896       \setlength\@tempdima{3em}%
4897       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4898       \parfillskip -\@pnumwidth
4899       {\leavevmode
4900         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
4901         \nobreak
4902         \global\@nobreaktrue
4903         \everypar{\global\@nobreakfalse\everypar{}}%
4904       \endgroup
4905     \fi}
4906 \else
4907   \renewcommand*\l@part{%
4908     \ifnum \c@tocdepth >-2\relax
4909       \addpenalty{-\@highpenalty}%
4910       \addvspace{2.25em \@plus\p@}%
4911       \@regtocline{0}%
4912     \fi}
4913 \fi
4914 \if@oldtoc
4915 \renewcommand*\l@chapter[2]{%
4916   \addpenalty{-\@highpenalty}%
4917   \vskip 1.0em \@plus\p@
4918   \setlength\@tempdima{1.5em}%
4919   \begingroup
4920     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
4921     \parfillskip -\@pnumwidth
4922     \leavevmode \bfseries
4923     \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
4924     \hskip -\if@RTL\rightskip\else\leftskip\fi
4925     #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
4926     \penalty\@highpenalty
4927   \endgroup}
4928 \else
4929   \renewcommand*\l@chapter{\@regtocline{0}}
4930 \fi
4931 \renewcommand*\left@footnoterule{%
4932   \kern-3\p@
4933   \kern.5\baselineskip
4934   \hrule\@width\unitindent
4935   \kern.4\baselineskip
4936 }

```

```

4937 \renewcommand*\right@footnoterule{%
4938   \hbox to \columnwidth
4939   {\beginR \vbox{%
4940     \kern-3\p@
4941     \kern.5\baselineskip
4942     \hrule\@width\unitindent
4943     \kern.4\baselineskip}\hfil\endR}
4944 }
4945 \renewenvironment{abstract}{%
4946   \titlepage
4947   \null\vfil
4948   \section*\SectFont \abstractname}
4949   \noindent\ignorespaces}
4950   {\par\vfil\null\endtitlepage}
4951 \renewenvironment{thebibliography}[1]
4952   {\chapter*\bibname}%
4953   \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
4954   \ifRTL\ifLTRbibitems\@RTLfalse\else\fi\else\ifRTLbibitems\@RTLtrue\else\fi\fi
4955   \list{\@biblabel{\@arabic\c@enumiv}}%
4956     {\settowidth\labelwidth{\@biblabel{#1}}%
4957     \leftmargin\labelwidth
4958     \advance\leftmargin\labelsep
4959     \openbib@code
4960     \usecounter{enumiv}%
4961     \let\p@enumiv\@empty
4962     \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
4963   \sloppy\clubpenalty4000\widowpenalty4000%
4964   \sfcode'\.\@m}
4965   {\def\@noitemerr
4966     {\@latex@warning{Empty 'thebibliography' environment}}%
4967   \endlist}
4968 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
4969 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
4970 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
4971 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
4972 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
4973 \renewcommand*\theequation{%
4974   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
4975 \renewcommand*\thefigure{%
4976   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@figure}
4977 \renewcommand*\thetable{%
4978   \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@table}
4979 \renewcommand*\maketitle{%
4980   \begin{titlepage}%
4981     \let\footnotesize\small
4982     \let\right@footnoterule\relax
4983     \let\left@footnoterule\relax
4984     \let\textwidth\footnoterule\relax
4985     \let \footnote \thanks
4986     \long\def\@makefnctext##1{\parindent\z@

```



```

4987         \def\labelitemi{\textendash}\@revlabeltrue
4988         \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
4989 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
4990 \if@compatibility\setcounter{page}{0}\fi
4991 \null\vfil
4992 \vskip 60\p@
4993 \begin{center}%
4994   \TitleFont
4995   {\LARGE \def\{\penalty -\@M}
4996   \if@allcaps
4997     \expandafter\uc@nothanks\@title\thanks\relax
4998   \else
4999     \@title
5000   \fi\par}%
5001 \vskip 3em%
5002 {\large
5003   \lineskip .75em \parindent\z@
5004   \begin{tabular}[t]{c}%
5005     \if@allcaps
5006       \expandafter\uc@authornothanks\@author\and\relax
5007     \else
5008       \@author
5009     \fi
5010   \end{tabular}\par}%
5011 \vskip 1.5em%
5012 {\large
5013   \if@allcaps
5014     \uppercase\expandafter{\@date}%
5015   \else
5016     \@date
5017   \fi\par}%
5018 \end{center}\par
5019 \@thanks
5020 \vfil\null
5021 \end{titlepage}%
5022 \setcounter{footnote}{0}%
5023 \global\let\thanks\relax
5024 \global\let\maketitle\relax
5025 \global\let\@thanks\@empty
5026 \global\let\@author\@empty
5027 \global\let\@title\@empty
5028 \global\let\@date\@empty
5029 \global\let\title\relax
5030 \global\let\author\relax
5031 \global\let\date\relax
5032 \global\let\and\relax
5033 }

```

7.31 bookest-xetex-bidi.def

```

5034 \ProvidesFile{bookest-xetex-bidi.def}[2010/07/25 v0.4 bidi adaptations for bookest class for
5035 \def\@makechapterhead#1{%
5036   \vspace*{20\p@}
5037   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5038     \ifnum \c@secnumdepth >\m@ne
5039       \if@mainmatter
5040         {\colorA\huge\scshape \@chapapp\space \thechapter}
5041         \par\nobreak
5042         \vskip 10\p@
5043       \fi
5044     \fi
5045     \interlinepenalty\@M
5046     {\colorB\hrule}
5047     \vskip 15\p@
5048     \if@RTL\begin{flushleft}\else\begin{flushright}\fi
5049       {\colorA\Huge \bfseries #1}\par\nobreak
5050     \if@RTL\end{flushleft}\else\end{flushright}\fi
5051     \vskip 5\p@
5052     {\colorB\hrule}
5053     \vskip 30\p@
5054   }}
5055 \def\@makeschapterhead#1{%
5056   \vspace*{20\p@}
5057   {\parindent \z@ \raggedright \normalfont
5058     {\colorB\hrule}
5059     \vskip 15\p@
5060     \begin{center}
5061       {\colorA\Huge \bfseries #1}\par\nobreak
5062     \end{center}
5063     \vskip 5\p@
5064     {\colorB\hrule}
5065     \vskip 30\p@
5066   }}

```

7.32 book-xetex-bidi.def

```

5067 \ProvidesFile{book-xetex-bidi.def}[2011/08/26 v0.8 bidi adaptations for standard book class f
5068 \renewenvironment{theindex}
5069   {\if@twocolumn
5070     \@restonecolfalse
5071     \else
5072       \@restonecoltrue
5073     \fi
5074     \columnseprule \z@
5075     \columnsep 35\p@
5076     \twocolumn[\@makeschapterhead{\indexname}]{%
5077       \@mkboth{\MakeUppercase\indexname}{%
5078         {\MakeUppercase\indexname}}%
5079     \thispagestyle{plain}\parindent\z@
5080     \parskip\z@ \@plus .3\p@\relax

```

```

5081             \let\item\@idxitem}
5082             {\if@restonecol\onecolumn\else\clearpage\fi}
5083 \@ifclassloaded{bookest}{}{-%
5084   \if@titlepage
5085     \renewcommand\maketitle{\begin{titlepage}%
5086       \let\footnotesize\small
5087       \let\right@footnoterule\relax
5088       \let\left@footnoterule\relax
5089       \let\textwidth@footnoterule\relax
5090       \let \footnote \thanks
5091       \let \LTRfootnote \LTRthanks
5092       \let \RTLfootnote \RTLthanks
5093       \null\vfil
5094       \vskip 60\p@
5095       \begin{center}%
5096         {\LARGE \@title \par}%
5097         \vskip 3em%
5098         {\large
5099           \lineskip .75em%
5100           \begin{tabular}[t]{c}%
5101             \@author
5102             \end{tabular}\par}%
5103           \vskip 1.5em%
5104           {\large \@date \par}%           % Set date in \large size.
5105       \end{center}\par
5106       \@thanks
5107       \vfil\null
5108     \end{titlepage}%
5109     \setcounter{footnote}{0}%
5110     \global\let\thanks\relax
5111     \global\let\LTRthanks\relax
5112     \global\let\RTLthanks\relax
5113     \global\let\maketitle\relax
5114     \global\let\@thanks\@empty
5115     \global\let\@author\@empty
5116     \global\let\@date\@empty
5117     \global\let\@title\@empty
5118     \global\let\title\relax
5119     \global\let\author\relax
5120     \global\let\date\relax
5121     \global\let\and\relax
5122 }
5123 \else
5124 \renewcommand\maketitle{\par
5125   \begingroup
5126     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
5127     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
5128     \long\def\@makefntext##1{\parindent 1em\noindent
5129       \hb@xt@1.8em{%
5130         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%

```

```

5131 \if@twocolumn
5132 \ifnum \col@number=\@ne
5133 \maketitle
5134 \else
5135 \twocolumn[\maketitle]%
5136 \fi
5137 \else
5138 \newpage
5139 \global\@topnum\z@ % Prevents figures from going at top of page.
5140 \maketitle
5141 \fi
5142 \thispagestyle{plain}\@thanks
5143 \endgroup
5144 \setcounter{footnote}{0}%
5145 \global\let\thanks\relax
5146 \global\let\LTRthanks\relax
5147 \global\let\RTLthanks\relax
5148 \global\let\maketitle\relax
5149 \global\let\@maketitle\relax
5150 \global\let\@thanks\@empty
5151 \global\let\@author\@empty
5152 \global\let\@date\@empty
5153 \global\let\@title\@empty
5154 \global\let\title\relax
5155 \global\let\author\relax
5156 \global\let\date\relax
5157 \global\let\and\relax
5158 }
5159 \def\@maketitle{%
5160 \newpage
5161 \null
5162 \vskip 2em%
5163 \begin{center}%
5164 \let \footnote \thanks
5165 \let \LTRfootnote \LTRthanks
5166 \let \RTLfootnote \RTLthanks
5167 {\LARGE \@title \par}%
5168 \vskip 1.5em%
5169 {\large
5170 \lineskip .5em%
5171 \begin{tabular}[t]{c}%
5172 \@author
5173 \end{tabular}\par}%
5174 \vskip 1em%
5175 {\large \@date}%
5176 \end{center}%
5177 \par
5178 \vskip 1.5em}
5179 \fi}
5180 \renewcommand*\l@part[2]{%

```

```

5181 \ifnum \c@tocdepth >-2\relax
5182   \addpenalty{-\@highpenalty}%
5183   \addvspace{2.25em \@plus\p@}%
5184   \setlength\@tempdima{3em}%
5185   \begingroup
5186     \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5187     \parfillskip -\@pnumwidth
5188     {\leavevmode
5189       \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
5190     \nobreak
5191     \global\@nobreaktrue
5192     \everypar{\global\@nobreakfalse\everypar{}}%
5193   \endgroup
5194 \fi}
5195 \renewcommand*\l@chapter[2]{%
5196   \ifnum \c@tocdepth >\m@ne
5197     \addpenalty{-\@highpenalty}%
5198     \vskip 1.0em \@plus\p@
5199     \setlength\@tempdima{1.5em}%
5200     \begingroup
5201       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5202       \parfillskip -\@pnumwidth
5203       \leavevmode \bfseries
5204       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
5205       \hskip -\if@RTL\rightskip\else\leftskip\fi
5206       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5207       \penalty\@highpenalty
5208     \endgroup
5209 \fi}
5210 \renewcommand\left@footnoterule{%
5211   \kern-3\p@
5212   \hrule\@width.4\columnwidth
5213   \kern2.6\p@}
5214 \renewcommand\right@footnoterule{%
5215   \hbox to \columnwidth
5216   {\beginR \vbox{%
5217     \kern-3\p@
5218     \hrule\@width.4\columnwidth
5219     \kern2.6\p@}\hfil\endR}}
5220 \renewcommand\theequation
5221   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
5222 \renewcommand \thefigure
5223   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
5224 \renewcommand \thetable
5225   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
5226 \renewcommand \thechapter {\@arabic\c@chapter}
5227 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
5228 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
5229 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
5230 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}

```

```

5231 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
5232 \def\@makechapterhead#1{%
5233   \vspace*{50\p@}%
5234   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
5235     \ifnum \c@secnumdepth >\m@ne
5236       \if@mainmatter
5237         \huge\bfseries \@chapapp\space \thechapter
5238         \par\nobreak
5239         \vskip 20\p@
5240       \fi
5241     \fi
5242     \interlinepenalty\@M
5243     \Huge \bfseries #1\par\nobreak
5244     \vskip 40\p@
5245   }}
5246 \def\@makeschapterhead#1{%
5247   \vspace*{50\p@}%
5248   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
5249     \normalfont
5250     \interlinepenalty\@M
5251     \Huge \bfseries #1\par\nobreak
5252     \vskip 40\p@
5253   }}
5254 \renewcommand\backmatter{%
5255   \if@openright
5256     \cleardoublepage
5257   \else
5258     \clearpage
5259   \fi
5260   \@mainmatterfalse}
5261 \renewenvironment{thebibliography}[1]
5262   {\chapter*\bibname}%
5263   \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
5264   \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
5265   \list{\@biblabel{\@arabic\c@enumiv}}%
5266     {\settowidth\labelwidth{\@biblabel{#1}}%
5267       \leftmargin\labelwidth
5268       \advance\leftmargin\labelsep
5269       \@openbib@code
5270       \usecounter{enumiv}%
5271       \let\p@enumiv\@empty
5272       \renewcommand\theenumiv{\@arabic\c@enumiv}}%
5273   \sloppy
5274   \clubpenalty4000
5275   \@clubpenalty \clubpenalty
5276   \widowpenalty4000%
5277   \sfcode'\.\@m}
5278 {\def\@noitemerr
5279   {\@latex@warning{Empty 'thebibliography' environment}}%
5280 \endlist}

```

7.33 breqn-xetex-bidi.def

```

5281 \ProvidesFile{breqn-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for breqn package for Xe
5282 \def\@dmath[#1]{\if@RTL\@RTLfalse\fi%
5283 \everydisplay\expandafter{\the\everydisplay \display@setup}%
5284 \if@noskipsec \leavevmode \fi
5285 \if@inlabel \leavevmode \global\@inlabelfalse \fi
5286 \if@eq@group\else\eq@prelim\fi
5287 \setkeys{breqn}{#1}%
5288 \the\eqstyle
5289 \eq@setnumber
5290 \begin@group
5291 \eq@setup@a
5292 \eq@startup
5293 }
5294 \def\@dgroup[#1]{\if@RTL\@RTLfalse\fi%
5295 \let\eq@group\@True \global\let\eq@GRP@first@dmath\@True
5296 \global\GRP@queue\@emptytoks \global\setbox\GRP@box\box\voidb@x
5297 \global\let\GRP@label\@empty
5298 \global\grp@wdL\z@\global\grp@wdR\z@\global\grp@wdT\z@
5299 \global\grp@linewidth\z@\global\grp@wdNum\z@
5300 \global\let\grp@eqs@numbered\@False
5301 \global\let\grp@aligned\@True
5302 \global\let\grp@shiftnumber\@False
5303 \eq@prelim
5304 \setkeys{breqn}{#1}%
5305 \if\grp@hasNumber \grp@setnumber \fi
5306 }
5307 \def\@dseries[#1]{\if@RTL\@RTLfalse\fi%
5308 \let\display@setup\dseries@display@setup
5309 % Question: should this be the default for dseries???
5310 \global\eq@wdCond\z@
5311 \@dmath[layout={M},#1]%
5312 \mathsurround\z@\@math \penalty\@Mi
5313 \let\endmath\ends@math
5314 \def\premath{%
5315 \ifdim\lastskip<.3em \unskip
5316 \else\ifnum\lastpenalty<\@M \dquad\fi\fi
5317 }%
5318 \def\postmath{\unpenalty\eq@addpunct \penalty\intermath@penalty \dquad \@ignoretrue}%
5319 \ignorespaces
5320 }
5321 \def\eqnumform#1{\if@Latin\else\beginR\@RTLtrue\fi(#1\@@italiccorr)\if@Latin\else\endR\fi}
5322 \renewenvironment{dsuspend}{%
5323 \global\setbox\EQ@box\ vbox\bgroup\if@Latin\else\@RTLtrue\fi \@parboxrestore
5324 \parshape 1 \displayindent \displaywidth\relax
5325 \hsize=\columnwidth \noindent\ignorespaces
5326 }{%
5327 \par\egroup
5328 \global\setbox\GRP@box\ vbox{%

```

```

5329 \hbox{\copy\EQ@box\vtop{\unvbox\EQ@box}}}%
5330 \unvbox\GRP@box
5331 }%
5332 \global\GRP@queue\exp{\the\GRP@queue
5333 \let\eq@isIntertext\@True}%
5334 }%
5335 }

```

7.34 cals-xetex-bidi.def

```

5336 \ProvidesFile{cals-xetex-bidi.def}[2013/05/28 v0.3 bidi adaptations for cals package for XeTeX]
5337 \renewenvironment{calstable}[1][c]{%
5338 \ifRTL\@RTLtabtrue\cals@activate@rtl\fi
5339 \if l#1%
5340 \if@RTLtab\leftskip\fill \rightskip\z@ \else\leftskip\z@ \rightskip\fill\fi
5341 \else\if r#1%
5342 \if@RTLtab\leftskip\z@ \rightskip\fill\else\leftskip\fill \rightskip\z@\fi
5343 \else\if c#1%
5344 \leftskip\fill \rightskip\fill
5345 \fi\fi\fi
5346 \let\cals@thead@tokens=\relax
5347 \let\cals@tfoot@tokens=\relax
5348 \let\cals@tbody@tokens=\relax
5349 \cals@tfoot@height=0pt \relax
5350 \let\cals@last@context=n%
5351 \let\cals@current@context=b%
5352 \parindent=0pt %
5353 \cals@setpadding{Ag}\cals@setcellprevdepth{Al}\cals@set@tohsize%
5354 %% Alignment inside is independent on center/flushright outside
5355 \parfillskip=0pt plus1fil\relax
5356 \let\cals@borderL=\relax
5357 \let\cals@borderR=\relax
5358 \let\cals@borderT=\relax
5359 \let\cals@borderB=\relax
5360 }{% End of the table
5361 \cals@tfoot@tokens\lastrule\@RTLtabfalse}
5362
5363 \renewcommand\alignL{%
5364 \dimen0=\cals@paddingL \ifRTLtab\cals@paddingL=\dimen0 plus 1fill\else\cals@paddingL=\dimen0
5365 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}
5366
5367 \renewcommand\alignR{%
5368 \dimen0=\cals@paddingL \ifRTLtab\cals@paddingL=\dimen0\else\cals@paddingL=\dimen0 plus 1fill
5369 \dimen0=\cals@paddingR \cals@paddingR=\dimen0 \relax}

```

7.35 caption-xetex-bidi.def

```

5370 \ProvidesFile{caption-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for caption package for XeTeX]
5371 \let\@makecaption\caption@makecaption

```

7.36 caption3-xetex-bidi.def


```

5372 \ProvidesFile{caption3-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for caption3 package
5373 \renewcommand*\caption@par{%
5374   \parindent\caption@parindent\hangindent\if@RTL-\fi\caption@hangindent}%

```

7.37 colortbl-xetex-bidi.def

```

5375 \ProvidesFile{colortbl-xetex-bidi.def}[2012/06/10 v0.2 bidi adaptations for colortbl package
5376 \def\CT@setup{%
5377   \@tempdimb\col@sep
5378   \@tempdimc\col@sep
5379   \def\CT@color{%
5380     \global\let\CT@do@color\CT@@do@color
5381     \bidicolor}}
5382 \def\@classz{\@classx
5383   \@tempcnta \count@
5384   \prepnext@tok
5385 \expandafter\CT@extract\the\toks\@tempcnta\columncolor!\@nil
5386   \@addtopreamble{\if@RTLtab\beginL\fi%
5387     \setbox\z@\hbox\bgroup\bgroup\if@RTLtab\beginR\fi
5388       \ifcase \@chnum
5389         \hskip\stretch{.5}\kern\z@
5390         \d@llarbegin
5391         \insert@column
5392         \d@llarend\hskip\stretch{.5}\or
5393         \d@llarbegin \insert@column \d@llarend \hfill \or
5394         \hfill\kern\z@ \d@llarbegin \insert@column \d@llarend \or
5395         $\vcenter
5396         \@startpbox{\@nextchar}\insert@column \@endpbox $\or
5397         \vtop \@startpbox{\@nextchar}\insert@column \@endpbox \or
5398         \vbox \@startpbox{\@nextchar}\insert@column \@endpbox
5399       \fi
5400   \if@RTLtab\endR\fi\egroup\egroup
5401 \begingroup
5402   \CT@setup
5403   \CT@column@color
5404   \CT@row@color
5405   \CT@cell@color
5406   \CT@do@color
5407 \endgroup
5408   \@tempdima\ht\z@
5409   \advance\@tempdima\minrowclearance
5410   \vrule\@height\@tempdima\@width\z@
5411   \unhbox\z@\if@RTLtab\endL\fi}%
5412 \prepnext@tok}

```

7.38 color-xetex-bidi.def

```

5413 \ProvidesFile{color-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for color package for Xe
5414 \long\def\color@b@x#1#2#3{%
5415   \leavevmode\ifmmode\else\if@RTL\beginL\fi\fi
5416   \setbox\z@\hbox{\kern\fbboxsep\set@color\if@RTL\beginR\fi#3\if@RTL\endR\fi}\kern\fbboxsep}%

```

```

5417 \dimen@ht\z@advance\dimen@\fboxsep\ht\z@\dimen@
5418 \dimen@dp\z@advance\dimen@\fboxsep\dp\z@\dimen@
5419 {\#1{\#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}%
5420 \box\z@}}\ifmmode\else\if@RTL\endL\fi\fi}
5421 \def\normalcolor{\let\current@color\default@color\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi}
5422 \DeclareRobustCommand\color{%
5423 \ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor}%
5424 \def\@declaredcolor#1{%
5425 \ifundefined{\string\color @#1}%
5426 {\c@lor@error{'#1'}}%
5427 {\expandafter\let\expandafter\current@color
5428 \csname\string\color @#1\endcsname
5429 \set@color}%
5430 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5431 \def\@undeclaredcolor[#1]#2{%
5432 \ifundefined{color@#1}%
5433 {\c@lor@error{model '#1'}}%
5434 {\csname color@#1\endcsname\current@color{#2}%
5435 \set@color}%
5436 \ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
5437 \DeclareRobustCommand\bidicolor{%
5438 \ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}%
5439 \def\@bidiundeclaredcolor[#1]#2{%
5440 \ifundefined{color@#1}%
5441 {\c@lor@error{model '#1'}}%
5442 {\csname color@#1\endcsname\current@color{#2}%
5443 \set@color}%
5444 \ignorespaces}
5445 \def\@bidideclaredcolor#1{%
5446 \ifundefined{\string\color @#1}%
5447 {\c@lor@error{'#1'}}%
5448 {\expandafter\let\expandafter\current@color
5449 \csname\string\color @#1\endcsname
5450 \set@color}%
5451 \ignorespaces}
5452 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
5453 \def\color@fbox#1#2#3{%
5454 \color@b@x{\fboxsep\z@\bidicolor#1{#2}\fbox}{\bidicolor#1{#3}}}
5455 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\set@color\ifhmode

```

7.39 combine-xetex-bidi.def

```

5456 \ProvidesFile{combine-xetex-bidi.def}[2011/09/23 v0.1 bidi adaptations for combine class for
5457 \renewcommand{\c@ll@chapsecii}[2]{%
5458 \if@RTL\advance\rightskip\@tempdima\else\advance\leftskip\@tempdima\fi
5459 \if@RTL\hskip -\rightskip\else\hskip -\leftskip\fi
5460 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
5461 }
5462 \renewcommand{\c@ll@chapseci}{%
5463 \setlength\@tempdima{0em}%

```

```

5464 \begin{group
5465 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
5466 \parfillskip -\@pnumwidth
5467 \leavevmode
5468 }
5469 \renewenvironment{tocindent}[1]{%
5470 \hangindent \if@RTL-\fi#1 \hangafter -100\relax}{%

```

7.40 crop-xetex-bidi.def

```

5471 \ProvidesFile{crop-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for crop package for XeTeX]
5472 \renewcommand*\CROP@ulc{%
5473 \if@RTLmain%
5474 \begin{picture}(0,0)
5475 \unitlength\p@\thinlines
5476 \put(-40,0){\circle{10}}
5477 \put(-30,-5){\line(0,1){10}}
5478 \put(-35,0){\line(1,0){30}}
5479 \put(-10,30){\circle{10}}
5480 \put(-5,30){\line(1,0){10}}
5481 \put(0,35){\line(0,-1){30}}
5482 \end{picture}%
5483 \else%
5484 \begin{picture}(0,0)
5485 \unitlength\p@\thinlines
5486 \put(-30,0){\circle{10}}
5487 \put(-30,-5){\line(0,1){10}}
5488 \put(-35,0){\line(1,0){30}}
5489 \put(0,30){\circle{10}}
5490 \put(-5,30){\line(1,0){10}}
5491 \put(0,35){\line(0,-1){30}}
5492 \end{picture}%
5493 \fi%
5494 }
5495 \renewcommand*\CROP@urc{%
5496 \if@RTLmain%
5497 \begin{picture}(0,0)
5498 \unitlength\p@\thinlines
5499 \put(20,0){\circle{10}}
5500 \put(30,-5){\line(0,1){10}}
5501 \put(35,0){\line(-1,0){30}}
5502 \put(-10,30){\circle{10}}
5503 \put(-5,30){\line(1,0){10}}
5504 \put(0,35){\line(0,-1){30}}
5505 \end{picture}%
5506 \else%
5507 \begin{picture}(0,0)
5508 \unitlength\p@\thinlines
5509 \put(30,0){\circle{10}}
5510 \put(30,-5){\line(0,1){10}}

```

```

5511      \put(35,0){\line(-1,0){30}}
5512      \put(0,30){\circle{10}}
5513      \put(-5,30){\line(1,0){10}}
5514      \put(0,35){\line(0,-1){30}}
5515  \end{picture}%
5516  \fi%
5517 }
5518 \renewcommand*\CROP@llc{%
5519   \if@RTLmain%
5520     \begin{picture}(0,0)
5521       \unitlength\p@\thinlines
5522       \put(-40,0){\circle{10}}
5523       \put(-30,-5){\line(0,1){10}}
5524       \put(-35,0){\line(1,0){30}}
5525       \put(-10,-30){\circle{10}}
5526       \put(-5,-30){\line(1,0){10}}
5527       \put(0,-35){\line(0,1){30}}
5528     \end{picture}%
5529   \else%
5530     \begin{picture}(0,0)
5531       \unitlength\p@\thinlines
5532       \put(-30,0){\circle{10}}
5533       \put(-30,-5){\line(0,1){10}}
5534       \put(-35,0){\line(1,0){30}}
5535       \put(0,-30){\circle{10}}
5536       \put(-5,-30){\line(1,0){10}}
5537       \put(0,-35){\line(0,1){30}}
5538     \end{picture}%
5539   \fi%
5540 }
5541 \renewcommand*\CROP@lrc{%
5542   \if@RTLmain%
5543     \begin{picture}(0,0)
5544       \unitlength\p@\thinlines
5545       \put(20,0){\circle{10}}
5546       \put(30,-5){\line(0,1){10}}
5547       \put(35,0){\line(-1,0){30}}
5548       \put(-10,-30){\circle{10}}
5549       \put(-5,-30){\line(1,0){10}}
5550       \put(0,-35){\line(0,1){30}}
5551     \end{picture}%
5552   \else%
5553     \begin{picture}(0,0)
5554       \unitlength\p@\thinlines
5555       \put(30,0){\circle{10}}
5556       \put(30,-5){\line(0,1){10}}
5557       \put(35,0){\line(-1,0){30}}
5558       \put(0,-30){\circle{10}}
5559       \put(-5,-30){\line(1,0){10}}
5560       \put(0,-35){\line(0,1){30}}

```

```

5561 \end{picture}%
5562 \fi%
5563 }
5564 \@ifpackagewith{crop}{cam}{%
5565 \CROP@execopt{cam}%
5566 }{}

```

7.41 cutwin-xetex-bidi.def

```

5567 \ProvidesFile{cutwin-xetex-bidi.def}[2011/11/12 v0.1 bidi adaptations for cutwin package for
5568 \renewcommand*{\c@twcompctr}[2]{%
5569 \def\c@twfirst{1}
5570 \loop\advance\c@twwinlines\m@ne
5571 \setbox\c@twslicea=\vsplit#1 to\baselineskip
5572 \setbox\c@twsliceb=\vsplit#1 to\baselineskip
5573 \c@twprune{\c@twslicea}{\c@twlftside}%
5574 \c@twprune{\c@twsliceb}{\c@twrtside}%
5575 \ifnum\c@twfirst=\@ne
5576 \setbox#2=\vbox{\unvbox#2\hbox
5577 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\pageinwindow\hfil\if@RTL\box\c@tw
5578 \else
5579 \setbox#2=\vbox{\unvbox#2\hbox
5580 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\else\bo
5581 \fi
5582 \def\c@twfirst{2}
5583 \ifnum\c@twwinlines>\z@\repeat}
5584 \renewcommand*{\c@twcompodctr}[2]{%
5585 \def\c@twrounds{1}
5586 \def\c@twfirst{1}
5587 \@for\c@twlspec:=\c@twb\do{%
5588 \ifnum\c@twrounds=1
5589 \setbox\c@twslicea=\vsplit#1 to\baselineskip % first of pair
5590 \c@twprune{\c@twslicea}{\c@twlspec}%
5591 \def\c@twrounds{2}
5592 \else
5593 \setbox\c@twsliceb=\vsplit#1 to\baselineskip % second of pair
5594 \c@twprune{\c@twsliceb}{\c@twlspec}%
5595 \ifnum\c@twfirst=1
5596 \setbox#2=\vbox{\unvbox#2\hbox
5597 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\picinwindow\hfil\if@RTL\bo
5598 \def\c@twfirst{2}
5599 \else
5600 \setbox#2=\vbox{\unvbox#2\hbox
5601 to\hsize{\if@RTL\box\c@twsliceb\else\box\c@twslicea\fi\hfil\if@RTL\box\c@twslicea\els
5602 \fi
5603 \def\c@twrounds{1}
5604 \fi}}

```

7.42 cuted-xetex-bidi.def

```

5605 \ProvidesFile{cuted-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for cuted package for Xe

```

```

5606 \def\RTL@outputdblcol{%
5607 \if@firstcolumn \global\@firstcolumnfalse
5608 \global\setbox\@leftcolumn \box\@outputbox
5609 \else
5610 \global\@firstcolumntrue
5611 \setbox\@outputbox \vbox {\hbox to\textwidth {%
5612 \hskip \columnwidth
5613 \hfil \vrule width\columnseprule \hfil
5614 \hbox to\columnwidth {\box\@leftcolumn \hss}}%
5615 \hskip -\textwidth
5616 \hbox to\columnwidth{\box\@outputbox \hss}}%
5617 \hskip \columnsep
5618 \hskip \columnwidth }}%
5619 \ifvoid\hold@viper
5620 \else
5621 \setbox\@outputbox \vbox to\textheight{%
5622 \box\hold@viper
5623 \box\@outputbox
5624 \vss
5625 }%
5626 \fi
5627 \@combinedblfloats \@outputpage
5628 \begingroup \@dblfloatplacement \@startdblcolumn
5629 \@whiles\if@fcolmade \fi
5630 {\@outputpage \@startdblcolumn }%
5631 \ifvoid\@viper
5632 \else
5633 \global\setbox\@viper\vbox{%
5634 \vskip-\stripsep
5635 \unvbox\@viper
5636 }%
5637 \@viperoutput
5638 \fi
5639 \endgroup
5640 \fi}
5641 \def\LTR@outputdblcol{%
5642 \if@firstcolumn
5643 \global \@firstcolumnfalse
5644 \global \setbox\@leftcolumn \box\@outputbox
5645 \else
5646 \global\@firstcolumntrue
5647 \setbox\@outputbox \vbox {%
5648 \hb@xt@\textwidth {%
5649 \hb@xt@\columnwidth {%
5650 \box\@leftcolumn \hss}}%
5651 \hfil
5652 \vrule \@width\columnseprule
5653 \hfil
5654 \hb@xt@\columnwidth {%
5655 \box\@outputbox \hss}}%

```

```

5656                                     }%
5657                                     }%
5658 \ifvoid\hold@viper
5659 \else
5660   \setbox\@outputbox \vbox to\textheight{%
5661                                     \box\hold@viper
5662                                     \box\@outputbox
5663                                     \vss
5664                                     }%
5665 \fi
5666 \@combinedblfloats
5667 \@outputpage
5668 \begingroup
5669   \@dblfloatplacement
5670   \@startdblcolumn
5671   \@whiles\if@colmade \fi
5672   {\@outputpage
5673    \@startdblcolumn}%
5674 \ifvoid\@viper
5675 \else
5676   \global\setbox\@viper\vbox{%
5677                               \vskip-\stripsep
5678                               \unvbox\@viper
5679                               }%
5680   \@viperoutput
5681 \fi
5682 \endgroup
5683 \fi
5684 }
5685 \def \@addviper {%
5686   \if@firstcolumn
5687     \insertfalse
5688     \@reqcolroom .5\@pageht
5689     \ht@viper\@reqcolroom
5690     \advance \@reqcolroom \ht@viper
5691     \advance \@reqcolroom \stripsep
5692     \ifvoid\hold@viper\@tempdima=\z@\else\@tempdima\ht\hold@viper\fi
5693 %%
5694     \@tempdimb \ht@viper
5695     \loop
5696     \setbox\v@aaa\copy\@holdpg
5697     \setbox\v@ccc\vbox to\@tempdimb{%
5698                               \vsplit\v@aaa to\@tempdimb\vss\vsplit\v@aaa to\@tempdimb}%
5699     \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5700     \ifvoid\v@aaa \else \advance\@tempdimb 1pt \repeat
5701     \loop
5702     \setbox\v@aaa\copy\@holdpg
5703     \setbox\v@ccc\vbox to\@tempdimb{%
5704                               \vsplit\v@aaa to\@tempdimb\vss}%
5705     \wlog{(2)Left:\the\ht\v@ccc\space Right:\the\ht\v@aaa\space Output:\the\@tempdimb}%

```

```

5706 \ifdim \ht\v@ccc<\ht\v@aaa \@tempdimb \the\ht\v@aaa \repeat
5707 \wlog{- LAST -^^JLeft:\the\ht\v@ccc^^JRight:\the\ht\v@aaa^^JOutput:\the\@tempdimb}%
5708 \setbox\v@ccc\vbox to\@tempdimb{%
5709 \vsplit\@holdpg to\@tempdimb\vss}%
5710 %%
5711 \setbox\@tempboxa \vbox {%
5712 \hb@xt@\textwidth {%
5713 \if@RTLmain%
5714 \hskip \columnwidth
5715 \hfil \vrule width\columnseprule \hfil
5716 \hb@xt@\columnwidth {%
5717 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5718 \hskip -\textwidth
5719 \hb@xt@\columnwidth {%
5720 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5721 \hskip \columnsep
5722 \hskip \columnwidth
5723 \else%
5724 \hb@xt@\columnwidth {%
5725 \vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5726 \hfil
5727 \vrule \@width\columnseprule
5728 \hfil
5729 \hb@xt@\columnwidth {%
5730 \vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5731 \fi}%
5732 }%
5733 \ifvoid\hold@viper
5734 \global\setbox\hold@viper \vbox {%
5735 \unvbox\@tempboxa
5736 \penalty\interlinepenalty
5737 \vskip\stripsep
5738 \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5739 \outputpenalty \z@
5740 }%
5741 \else
5742 \global\setbox\hold@viper \vbox {%
5743 \unvbox\hold@viper
5744 \unvbox\@tempboxa
5745 \penalty\interlinepenalty
5746 \vskip\stripsep
5747 \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5748 \outputpenalty \z@
5749 }%
5750 \fi
5751 \ifdim \@colroom>\@reqcolroom
5752 \global\setbox\hold@viper \vbox {%
5753 \unvbox\hold@viper
5754 \box\@viper
5755 \penalty\interlinepenalty

```



```

5756         \vskip\stripsep
5757         \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5758         \outputpenalty \z@
5759         }%
5760     \@inserttrue
5761     \advance\@tempdima by-\ht\hold@viper
5762     \global \advance \@colht \@tempdima
5763     \ifdim \@colht<2.5\baselineskip
5764         \@latex@warning@no@line {Optional argument of \noexpand\twocolumn
5765             too tall on page \thepage (1 stulpelis)}%
5766         \@emptycol
5767         \if@firstcolumn
5768         \else
5769             \@emptycol
5770         \fi
5771         \global\@lastvipertrue
5772     \else
5773         \global \vsize \@colht
5774         \global \@colroom \@colht
5775         \check@floats
5776         \ifdim\@tempdima>\z@
5777             \global\advance\@colroom by-\@tempdima
5778         \fi
5779         \ifdim\@colroom<\z@
5780             \global\@colroom 1pt
5781             \ifdim\@tempdima>\@colht
5782                 \@latex@warning@no@line {TOP ir/ar BOT FLOAT's
5783                     netelpla lape \thepage (1 stulpelis)}%
5784             \fi
5785             \@emptycol
5786             \if@firstcolumn
5787             \else
5788                 \@emptycol
5789             \fi
5790             \global\@lastvipertrue
5791         \fi
5792     \fi
5793 \fi
5794 \else
5795     \@insertfalse
5796     \@reqcolroom\@colht
5797     \advance\@reqcolroom \@pageht
5798     \ht@viper.5\@reqcolroom
5799     \@reqcolroom\ht@viper
5800     \advance \@reqcolroom \ht\@viper
5801     \advance \@reqcolroom \stripsep
5802     \if@flushend@auto@baselineskip
5803         \setbox\@tempboxa\vbox{\unvcopy\@leftcolumn
5804             \global\lastskip@d\lastskip
5805             \global\lastskip@b\lastskip

```

```

5806      \loop
5807      \global\lastskip@a\lastskip@b
5808      \unskip\unpenalty
5809      \global\lastskip@b\lastskip
5810      \global\advance\lastskip@d by\lastskip
5811      \ifdim\lastskip@b=-\lastskip@a
5812      \global\advance\lastskip@d by-\lastskip
5813      \else
5814      \repeat
5815      \ifdim\lastskip@b=-\lastskip@a
5816      \ifdim\lastskip@b=\z@
5817      \setbox\lastbox@a\lastbox
5818      \global\advance\lastskip@d by\ht\lastbox@a
5819      \global\advance\lastskip@d by\lastskip
5820      \unskip\unpenalty
5821      \setbox\lastbox@a\lastbox
5822      \global\advance\lastskip@d by\dp\lastbox@a
5823      \else
5824      \global\lastskip@d\lastskip
5825      \global\advance\lastskip@d by\topskip
5826      \fi
5827      \fi
5828      \global\advance\lastskip@d by-\topskip
5829      }%
5830      \ifdim\ht\@holdpg>\@colht
5831      \global\setbox\@holdpg\vbox{\unvbox\@leftcolumn\unskip\unpenalty
5832      \par\eject
5833      \vbox to \@colht{\unvbox\@holdpg\unskip}%
5834      }%
5835      \else
5836      \global\setbox\@holdpg\vbox{%
5837      \unvbox\@leftcolumn\unskip\unpenalty
5838      \vskip\lastskip@d
5839      \the\At@ViperColsBreak
5840      \unvbox\@holdpg
5841      \unskip
5842      }%
5843      \fi
5844      \else
5845      \global\setbox\@holdpg\vbox{%
5846      \unvbox\@leftcolumn
5847      \setbox\@tempboxa\lastbox
5848      \on@stripcols@break
5849      \the\At@ViperColsBreak
5850      \unvbox\@holdpg
5851      }%
5852      \fi
5853      \global\At@ViperColsBreak{}%
5854      \ht@viper .5\ht\@holdpg
5855      \ifdim \ht@viper>\@colht

```

```

5856      \ht@viper \@colht
5857    \fi
5858    \ifvoid\hold@viper\@tempdima=\z@\else\@tempdima\ht\hold@viper\fi
5859  %%
5860    \@tempdimb \ht@viper
5861  \loop
5862    \setbox\v@aaa\copy\@holdpg
5863    \setbox\v@ccc\vbox to\@tempdimb{%
5864      \vsplit\v@aaa to\@tempdimb
5865      \vss
5866      \vsplit\v@aaa to\@tempdimb
5867    }%
5868    \wlog{Extra height:\the\ht\v@aaa\space when \the\@tempdimb}%
5869  \ifvoid\v@aaa
5870  \else
5871    \advance\@tempdimb 1\p@
5872  \repeat
5873  \loop
5874    \setbox\v@aaa\copy\@holdpg
5875    \setbox\v@ccc\vbox to\@tempdimb{\vsplit\v@aaa to\@tempdimb\vss}%
5876    \wlog{(2)Left:\the\ht\v@ccc\space
5877      Right:\the\ht\v@aaa\space
5878      Output:\the\@tempdimb
5879    }%
5880  \ifdim\ht\v@ccc<\ht\v@aaa
5881    \@tempdimb \the\ht\v@aaa
5882  \repeat
5883  \wlog{- LAST -^^JLeft:\the\ht\v@ccc
5884      ^^JRight:\the\ht\v@aaa
5885      ^^JOutput:\the\@tempdimb
5886    }%
5887  \setbox\v@ccc\vbox to\@tempdimb{\vsplit\@holdpg to\@tempdimb\vss}%
5888  \setbox\@tempboxa\vbox{%
5889    \hb@xt@\textwidth {%
5890      \hb@xt@\columnwidth{\vbox to\ht@viper{\box\v@ccc\vss} \hss}%
5891      \hfil
5892      \vrule \@width\columnseprule
5893      \hfil
5894      \hb@xt@\columnwidth {\vbox to\ht@viper{\box\@holdpg\vss} \hss}%
5895    }%
5896  }%
5897  \ifvoid\hold@viper
5898    \global\setbox\hold@viper \vbox {%
5899      \unvbox\@tempboxa
5900      \penalty\interlinepenalty
5901      \vskip\stripsep
5902      \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5903      \outputpenalty \z@
5904    }%
5905  \else

```

```

5906      \global\setbox\hold@viper \vbox {%
5907          \unvbox\hold@viper
5908          \unvbox\@tempboxa
5909          \penalty\interlinepenalty
5910          \vskip\stripsep
5911          \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5912          \outputpenalty \z@
5913          }%
5914      \fi
5915      \ifdim \@colht>\@reqcolroom
5916          \global\setbox\hold@viper \vbox {%
5917              \unvbox\hold@viper
5918              \box\@viper
5919              \penalty\interlinepenalty
5920              \vskip\stripsep
5921              \ifnum\outputpenalty <-\@Mii \vskip -\parskip\fi
5922              \outputpenalty \z@
5923              }%
5924          \@inserttrue
5925          \global\@firstcolumntrue
5926          \advance\@tempdima by-\ht\hold@viper
5927          \global \advance \@colht \@tempdima
5928          \ifdim \@colht<2.5\baselineskip
5929              \@latex@warning@no@line {Optional argument of \noexpand\twocolumn
5930                                      too tall on page \thepage (2 stulpelis)}}%
5931              \@emptycol
5932              \if@firstcolumn
5933              \else
5934                  \@emptycol
5935              \fi
5936              \global\@lastvipertrue
5937          \else
5938              \global \vsize \@colht
5939              \global \@colroom \@colht
5940              \check@floats
5941              \ifdim\@tempdima>\z@
5942                  \global\advance\@colroom by-\@tempdima
5943              \fi
5944              \ifdim\@colroom<\z@
5945                  \global\@colroom 1pt
5946                  \ifdim\@tempdima>\@colht
5947                      \@latex@warning@no@line {TOP ir/ar BOT FLOAT's
5948                                              netelpa lape \thepage (2 stulpelis)}}%
5949                  \fi
5950                  \@emptycol
5951                  \if@firstcolumn
5952                  \else
5953                      \@emptycol
5954                  \fi
5955                  \global\@lastvipertrue

```

```

5956         \fi
5957     \fi
5958 \fi
5959 \fi
5960 \if@insert
5961 \else
5962     \advance\@tempdima by-\ht\hold@viper
5963     \global \advance \@colht \@tempdima
5964     \global\setbox\hold@viper \vbox {%
5965                                     \unvbox\hold@viper
5966                                     \csname viper@top@hook\endcsname
5967                                     \vsplit\@viper to \@colht
5968                                     \vss
5969                                     }%
5970     \vbox{}%
5971     \global\@firstcolumnfalse
5972     \newpage
5973 \fi
5974 }

```

7.43 cvthemebidicasual.sty

```

5975 \NeedsTeXFormat{LaTeX2e}
5976 \ProvidesPackage{cvthemebidicasual}
5977 \DeclareOption{blue}{}
5978 \newif\if@colourorange\@colourorangefalse
5979 \DeclareOption{orange}{\@colourorange>true}
5980 \newif\if@colourgreen\@colourgreenfalse
5981 \DeclareOption{green}{\@colourgreen>true}
5982 \newif\if@colourred\@colourredfalse
5983 \DeclareOption{red}{\@colourred>true}
5984 \newif\if@colourgrey\@colourgreyfalse
5985 \DeclareOption{grey}{\@colourgrey>true}
5986 \DeclareOption*{
5987     \PackageWarning{cvthemebidicasual}{Unknown option \CurrentOption}}
5988 \ExecuteOptions{colour}
5989 \ProcessOptions\relax
5990 \renewcommand*{\listitemsymbol}{\textbullet}
5991 \definecolor{firstnamecolor}{rgb}{0.65,0.65,0.65}
5992 \familynamecolour{808080}
5993 \firstnamecolour{A9A9A9}
5994 \quotecolour{696969}
5995 \addresscolour{696969}
5996 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.50,0.75}
5997 \sectiontitlecolour{1E90FF}
5998 \subsectioncolour{4682B4}
5999 \definecolor{rulecolour}{gray}{0.6}
6000 \definecolor{footersymbolcolour}{rgb}{0.25,0.50,0.75}
6001 \definecolor{footersymbolcolor}{rgb}{0.25,0.50,0.75}
6002 \if@colourorange

```

```

6003 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6004 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.65,0.20}
6005 \sectiontitlecolour{FF8C00}
6006 \subsectioncolour{FF8C00}
6007 \definecolor{footersymbolcolour}{rgb}{0.95,0.55,0.15}
6008 \definecolor{footersymbolcolor}{rgb}{0.95,0.55,0.15}\fi
6009 \if@colouргreen
6010 \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6011 \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6012 \sectiontitlecolour{008000}
6013 \subsectioncolour{008000}
6014 \definecolor{footersymbolcolour}{rgb}{0.30,0.65,0.15}
6015 \definecolor{footersymbolcolor}{rgb}{0.30,0.65,0.15}\fi
6016 \if@colourrred
6017 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6018 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6019 \sectiontitlecolour{FF0000}
6020 \subsectioncolour{FF0000}
6021 \definecolor{footersymbolcolour}{rgb}{0.95,0.20,0.20}
6022 \definecolor{footersymbolcolor}{rgb}{0.95,0.20,0.20}\fi
6023 \if@colouргrey
6024 \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6025 \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6026 \sectiontitlecolour{808080}
6027 \subsectioncolour{808080}
6028 \definecolor{footersymbolcolour}{rgb}{0.35,0.35,0.35}
6029 \definecolor{footersymbolcolor}{rgb}{0.35,0.35,0.35}\fi
6030 \renewcommand*{\ttdefault}{pcr}
6031 \renewcommand*{\firstnamefont}{\fontsize{38}{40}\mdseries\upshape}
6032 \renewcommand*{\familynamefont}{\firstnamefont}
6033 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
6034 \renewcommand*{\quoteont}{\large\slshape}
6035 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6036 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6037 \renewcommand*{\maketitle}{%
6038   {%
6039     \ifthenelse{\isundefined{\@photo}}{%
6040       {%
6041         {\color{firstnamecolor}\framebox{\includegraphics[width=\@photowidth]{\@photo}}}%
6042         \hfill%
6043         \bidi@raggedleft{\firstnamestyle{\@firstname}~\familynamestyle{\@familyname}}\ll[-.35em]}%
6044         {\color{firstnamecolor}\rule{\textwidth}{.25ex}\ll[2.5em]}%
6045       \ifthenelse{\isundefined{\@quote}}{%
6046         {%
6047           {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}\ll
6048         }%
6049     \newif\if@firstfooterelement\@firstfooterelementtrue
6050 \providecommand*{\footersymbol}{%
6051 \renewcommand*{\footersymbol}{%
6052 \if@firstfooterelement%

```

```

6053 \else%
6054 {~~\color{footersymbolcolor}\textbullet~~}\fi}
6055 \providecommand*\makefooter{}
6056 \renewcommand*\makefooter{%
6057 \fancypagestyle{plain}{%
6058 \fancyfoot[c]{%
6059 \parbox{0.8\textwidth}{%
6060 \centering%
6061 \addressfont\@addresscolour%
6062 \ifthenelse{\isundefined{\@address}}{}{%
6063 \addresssymbol~\@address\\%
6064 \@firstfooterelementfalse}%
6065 \ifthenelse{\isundefined{\@mobile}}{}{\mobilesymbol~\@mobile\@firstfooterelementfalse}%
6066 \ifthenelse{\isundefined{\@phone}}{}{\footersymbol\phonesymbol~\@phone\@firstfooterelementfalse}%
6067 \ifthenelse{\isundefined{\@fax}}{}{\footersymbol\faxsymbol~\@fax\@firstfooterelementfalse}%
6068 \ifthenelse{\isundefined{\@email}}{}{\footersymbol\emailsymbol~\email\@firstfooterelementfalse}%
6069 \ifthenelse{\isundefined{\@extrainfo}}{}{\footersymbol\@extrainfo\@firstfooterelementfalse}%
6070 }%
6071 \pagestyle{plain}}
6072 \AtBeginDocument{\makefooter}

```

7.44 cvthemebidiclassic.sty

```

6073 \NeedsTeXFormat{LaTeX2e}
6074 \ProvidesPackage{cvthemebidiclassic}
6075 \DeclareOption{blue}{}
6076 \newif\if@colourorange\@colourorangefalse
6077 \DeclareOption{orange}{\@colourorange>true}
6078 \newif\if@colourgreen\@colourgreenfalse
6079 \DeclareOption{green}{\@colourgreentrue}
6080 \newif\if@colourred\@colourredfalse
6081 \DeclareOption{red}{\@colourred>true}
6082 \newif\if@colourgrey\@colourgreyscalefalse
6083 \DeclareOption{grey}{\@colourgreyscale>true}
6084 \DeclareOption*{
6085 \PackageWarning{cvthemebidiclassic}{Unknown option \CurrentOption}}
6086 \ExecuteOptions{colour}
6087 \ProcessOptions\relax
6088 \renewcommand*\listitemsymbol{\textbullet}
6089 \firstnamecolour{}
6090 \familynamecolour{}
6091 \titlecolour{808080}
6092 \quotecolour{696969}
6093 \addresscolour{696969}
6094 \definecolor{sectionrectanglecolour}{rgb}{0.25,0.50,0.75}
6095 \definecolor{sectionrectanglecolor}{rgb}{0.25,0.5,0.75}
6096 \sectiontitlecolour{1E90FF}
6097 \subsectioncolour{4682B4}
6098 \if@colourorange
6099 \addresscolour{FF8C00}

```

```

6100 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.65,0.20}
6101 \definecolor{sectionrectanglecolor}{rgb}{1,0.65,0.20}
6102 \sectiontitlecolour{FF8C00}
6103 \subsectioncolour{FF8C00}\fi
6104 \if@colourgreen
6105 \addresscolour{008000}
6106 \definecolor{sectionrectanglecolour}{rgb}{0.55,0.85,0.35}
6107 \definecolor{sectionrectanglecolor}{rgb}{0.55,0.85,0.35}
6108 \sectiontitlecolour{008000}
6109 \subsectioncolour{008000}\fi
6110 \if@colourred
6111 \addresscolour{FF0000}
6112 \definecolor{sectionrectanglecolour}{rgb}{1.00,0.30,0.30}
6113 \definecolor{sectionrectanglecolor}{rgb}{1.00,0.30,0.30}
6114 \sectiontitlecolour{FF0000}
6115 \subsectioncolour{FF0000}\fi
6116 \if@colourgrey
6117 \addresscolour{808080}
6118 \definecolor{sectionrectanglecolour}{rgb}{0.75,0.75,0.75}
6119 \definecolor{sectionrectanglecolor}{rgb}{0.75,0.75,0.75}
6120 \sectiontitlecolour{808080}
6121 \subsectioncolour{808080}\fi
6122 \renewcommand*{\ttdefault}{pcr}
6123 \renewcommand*{\firstnamefont}{\fontsize{34}{36}\mdseries\upshape}
6124 \renewcommand*{\titlefont}{\LARGE\mdseries\slshape}
6125 \renewcommand*{\addressfont}{\normalsize\mdseries\slshape}
6126 \renewcommand*{\familynamefont}{\firstnamefont}
6127 \renewcommand*{\quoteftfont}{\large\slshape}
6128 \renewcommand*{\sectionfont}{\Large\mdseries\upshape}
6129 \renewcommand*{\subsectionfont}{\large\mdseries\upshape}
6130 \newlength{\maketitlenamemaxwidth}
6131 \setlength{\maketitlenamemaxwidth}{.525\textwidth}
6132 \newlength{\maketitlenamewidth}
6133 \setlength{\maketitlenamewidth}{\maketitlenamemaxwidth}
6134 \newlength{\maketitlepicturewidth}
6135 \setlength{\maketitlepicturewidth}{\maketitlepicturewidth}
6136 \setlength{\maketitlepicturewidth}{\@photowidth}
6137 \setlength{\maketitlepicturewidth}{\@photowidth}
6138 \setlength{\maketitlepicturewidth}{\@photowidth}
6139 \renewcommand*{\recomputethemelengths}{%
6140 \setlength{\maketitlepicturewidth}{\textwidth}%
6141 \addtolength{\maketitlepicturewidth}{-\maketitlenamewidth}%
6142 \addtolength{\maketitlepicturewidth}{-\separatorcolumnwidth}%
6143 \addtolength{\maketitlepicturewidth}{-\maketitlepicturewidth}}
6144 \recomputethemelengths
6145 \newif\if@firstdetailselement\@firstdetailselementtrue
6146 \newcommand*{\maketitledetailsnewline}{%
6147 \if@firstdetailselement%
6148 \@firstdetailselementfalse%
6149 \else%

```



```

6150    \[.2em]\fi}
6151 \renewcommand*{\maketitle}{%
6152   % name and title
6153   \begin{minipage}[b]{\maketitlewidth}%
6154     \firstnamestyle{\@firstname~}\familynamestyle{\@familyname}%
6155     \ifthenelse{\equal{\@title}{}}{\}[1.25em]\titlestyle{\@title}}%
6156   \end{minipage}%
6157   % optional data
6158   \begin{minipage}[b]{\maketitledetailswidth}%
6159     \bidi@raggedleft\addressfont\@addresscolour%
6160     \ifthenelse{\isundefined{\@address}}{\}%
6161       \maketitledetailsnewline%
6162       \addresssymbol~\@address}%
6163     \ifthenelse{\isundefined{\@mobile}}{\}\maketitledetailsnewline\mobilesymbol~\@mobile}%
6164     \ifthenelse{\isundefined{\@phone}}{\}\maketitledetailsnewline\phonesymbol~\@phone}%
6165     \ifthenelse{\isundefined{\@fax}}{\}\maketitledetailsnewline\faxsymbol~\@fax}%
6166     \ifthenelse{\isundefined{\@email}}{\}\maketitledetailsnewline\emailsymbol~\emailink{\@email}%
6167     \ifthenelse{\isundefined{\@extrainfo}}{\}\maketitledetailsnewline\@extrainfo}%
6168   \end{minipage}%
6169   % optional photo
6170   \ifthenelse{\isundefined{\@photo}}{\}%
6171   {\hspace*{\separatorcolumnwidth}\color{firstnamecolor}\framebox{\includegraphics[width=\n
6172   % optional quote
6173   \ifthenelse{\isundefined{\@quote}}{\}%
6174   {\centering{\begin{minipage}{\quotewidth}\centering\quotestyle{\@quote}\end{minipage}}}\[1.25em]\fi}
6175 }
6176 }
6177 }

```

7.45 dblfnote-xetex-bidi.def

```

6178 \ProvidesFile{dblfnote-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for dblfnote package]
6179 \let\autofootnoterule\relax
6180 \let\rightfootnoterule\relax
6181 \let\leftfootnoterule\relax
6182 \let\textwidthfootnoterule\relax
6183 \let\LRfootnoterule\relax
6184 \def\footnoterule{\kern-3\p@
6185   \hrule \@width \DFNcolumnwidth \kern 2.6\p@}%
6186 \AtBeginDocument{\let\dfn@latex@footnotetext\@footnotetext}
6187 \let\@footnotetext\dfn@footnotetext}
6188 \long\def\dfn@LTRfootnotetext#1{\setbox\dfn@boxa\vbox{
6189   \let\insert\dfn@gobble
6190   \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6191   \def\@makefnmark{\smash{\dfn@makefnmark}}
6192   \dfn@latex@LTRfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6193   \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6194   \ifdim\dfn@dima>\z@ \else
6195     \dfn@dima1sp\relax
6196   \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}\fi

```

```

6197 \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6198 \ifvoid\dfn@ins\else
6199 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6200 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6201 \setbox\dfn@boxa\copy\dfn@ins
6202 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6203 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6204 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6205 \insert\footins{\floatingpenalty\MM \vbox to\@tempdima{}}%
6206 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6207 \AtBeginDocument{\let\dfn@latex@LTRfootnotetext\@LTRfootnotetext
6208 \let\@LTRfootnotetext\dfn@LTRfootnotetext}
6209 \long\def\dfn@RTLfootnotetext#1{{\setbox\dfn@boxa\vbox{
6210 \let\insert\dfn@gobble
6211 \columnwidth\DFNcolumnwidth \hbadness\c@DFNsloppiness
6212 \def\@makefnmark{\smash{\dfn@makefnmark}}
6213 \dfn@latex@RTLfootnotetext{#1}\par \boxmaxdepth\dfn@fnmaxdp}%
6214 \dfn@dima\ht\dfn@boxa \advance\dfn@dima\dp\dfn@boxa
6215 \ifdim\dfn@dima>\z@\else
6216 \dfn@dima1sp\relax
6217 \setbox\dfn@boxa\vbox{\vbox to1sp{\unvbox\dfn@boxa\vfil}}}\fi
6218 \global\setbox\dfn@ins\vbox{\boxmaxdepth\dfn@fnmaxdp
6219 \ifvoid\dfn@ins\else
6220 \unvbox\dfn@ins \allowbreak \nointerlineskip \fi
6221 \ifdfn@allowcbreak \unvbox \else \box \fi \dfn@boxa}%
6222 \setbox\dfn@boxa\copy\dfn@ins
6223 \dfn@split{.5\ht\dfn@boxa}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6224 \advance\@tempdima\@tempdimb \@tempdimb\@tempdima
6225 \advance\@tempdima-\dfn@fnht \global\dfn@fnht\@tempdimb
6226 \insert\footins{\floatingpenalty\MM \vbox to\@tempdima{}}%
6227 \xdef\dfn@list{\dfn@list\@elt{\number\dfn@dima}{\number\@tempdima}}}}
6228 \AtBeginDocument{\let\dfn@latex@RTLfootnotetext\@RTLfootnotetext
6229 \let\@RTLfootnotetext\dfn@RTLfootnotetext}
6230 \def\dfn@RTLmakecol{{\ifvoid\footins\else
6231 \dfn@dima\ht\footins
6232 \@tempcnta\z@ \dfn@countins
6233 \@tempdima\z@ \let\@elt\dfn@elt@getht
6234 \dfn@list\@nil
6235 \ifdim\@tempdima=\z@\else
6236 \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6237 \global\setbox\dfn@ins\box\dfn@ins
6238 \@tempwattrue
6239 \ifdfn@trysingle
6240 \setbox\dfn@boxb\vbox{\unvcopy\@cclv}\@tempdima\@colroom
6241 \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6242 \advance\@tempdima-\skip\footins
6243 \advance\@tempdima-\ht\dfn@boxa
6244 \ifdim\@tempdima<\z@\else \@tempwafalse
6245 \global\setbox\footins\vbox{\boxmaxdepth\dfn@fnmaxdp
6246 \footnoterule \unvbox\dfn@boxa}\fi\fi

```

```

6247 \if@tempwa
6248 \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6249 \global\setbox\footins\vbox{\hbox{%
6250     \hskip \DFNcolumnwidth
6251     \hskip\DFNcolumnsep
6252     \hbox to\DFNcolumnwidth{\vbox to\@tempdima{\footnoterule
6253         \unvbox\dfn@boxb\vss}\hss}
6254     \hskip -\textwidth
6255     \hbox to\DFNcolumnwidth{\ifvoid\dfn@boxa\else
6256         \vbox to\@tempdima{
6257             \setbox\@tempboxa\vbox{\footnoterule}
6258             \ifdfn@ruleboth \unvbox\@tempboxa
6259             \else \@tempdima\ht\@tempboxa
6260                 \advance\@tempdima\dp\@tempboxa
6261                 \vskip\@tempdima
6262                 \prevdepth\dp\@tempboxa \fi
6263             \unvbox\dfn@boxa\vss}\fi\hss}
6264             \hskip \DFNcolumnsep
6265             \hskip \DFNcolumnwidth}}\fi\fi
6266 \global\dfn@fnht\z@
6267 \ifx\dfn@list\@empty\else
6268     \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6269     \dfn@list \global\advance\dfn@fnht\dfn@dimb
6270     \let\@elt\relax
6271     \ifdim\dfn@dimb>\z@
6272         \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
6273         \insert\footins{\floatingpenalty\@MM
6274             \vbox to\dfn@dimb{}}\fi
6275     \ifdim\dfn@fnht>\@tempdima
6276         \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
6277         \global\dfn@fnht\@tempdima
6278         \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
6279         \xdef\dfn@afteroutput{\insert\footins{
6280             \floatingpenalty\@MM
6281             \vbox to\number\@tempdimb sp{}}}%
6282         \global\let\noexpand\dfn@afteroutput\relax}%
6283     \fi\fi
6284 \fi}%
6285 \let\footnoterule\relax \dfn@latex@makecol
6286 \let\footnoterule\dfn@footnoterule}
6287 \def\dfn@LTRmakecol{\ifvoid\footins\else
6288     \dfn@dima\ht\footins
6289     \@tempcnta\z@ \dfn@countins
6290     \@tempdima\z@ \let\@elt\dfn@elt@getht
6291     \dfn@list\@nil
6292     \ifdim\@tempdima=\z@\else
6293         \dfn@split\@tempdima\dfn@ins\dfn@boxa\z@\z@
6294         \global\setbox\dfn@ins\box\dfn@ins
6295         \@tempswatrue
6296         \ifdfn@trysingle

```

```

6297         \setbox\dfn@boxb\ vbox{\unvcopy\@cclv}\@tempdima\@colroom
6298         \advance\@tempdima-\ht\dfn@boxb \advance\@tempdima-\dp\dfn@boxb
6299         \advance\@tempdima-\skip\footins
6300         \advance\@tempdima-\ht\dfn@boxa
6301         \ifdim\@tempdima<\z@ \else \@tempswafalse
6302             \global\setbox\footins\ vbox{\boxmaxdepth\dfn@fnmaxdp
6303                 \footnoterule \unvbox\dfn@boxa}\fi\fi
6304     \if@tempswa
6305     \dfn@split{\dfn@dima}\dfn@boxa\dfn@boxb\dfn@fnmaxdp\footnotesep
6306     \global\setbox\footins\ vbox{\hbox{%
6307         \hbox to\DFNcolumnwidth{\ vbox to\@tempdima{\footnoterule
6308             \unvbox\dfn@boxb\vss}\hss}\hskip\DFNcolumnsep
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}}}\fi\fi
6318     \global\dfn@fnht\z@
6319     \ifx\dfn@list\@empty\else
6320         \let\@elt\dfn@elt@adjust \dfn@dima\z@ \dfn@dimb\z@
6321         \dfn@list \global\advance\dfn@fnht\dfn@dimb
6322         \let\@elt\relax
6323         \ifdim\dfn@dimb>\z@
6324             \xdef\dfn@list{\@elt{0}{\number\dfn@dimb}\dfn@list}%
6325             \insert\footins{\floatingpenalty\@MM
6326                 \ vbox to\dfn@dimb{}}\fi
6327         \ifdim\dfn@fnht>\@tempdima
6328             \@tempdimb\@tempdima \advance\@tempdimb-\dfn@fnht
6329             \global\dfn@fnht\@tempdima
6330             \xdef\dfn@list{\dfn@list\@elt{0}{\number\@tempdimb}}%
6331             \xdef\dfn@afteroutput{\insert\footins{
6332                 \floatingpenalty\@MM
6333                 \ vbox to\number\@tempdimb sp{}}}%
6334             \global\let\noexpand\dfn@afteroutput\relax}%
6335         \fi\fi
6336     \fi}%
6337     \let\footnoterule\relax \dfn@latex@makecol
6338     \let\footnoterule\dfn@footnoterule}
6339 \renewcommand{\dfn@makecol}{\if@RTLmain\dfn@RTLmakecol\else\dfn@LTRmakecol\fi}
6340 \newcommand{\RTLdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@RTLmakecol}}
6341 \newcommand{\LTRdfnmakecol}{\renewcommand{\dfn@makecol}{\dfn@LTRmakecol}}
6342 \DFNalwaysdouble

```

7.46 draftwatermark-xetex-bidi.def

```

6343 \ProvidesFile{draftwatermark-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for draftwatermark]

```

```

6344 \renewcommand\SetWatermarkText[1]{%
6345   \def\sc@wm@text{\if@RTLmain\beginR\fi#1\if@RTLmain\endR\fi}}

```

7.47 eso-pic-xetex-bidi.def

```

6346 \ProvidesFile{eso-pic-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for eso-pic package for
6347 \renewcommand\AtPageLowerLeft[1]{\AtPageUpperLeft{%
6348   \put(\LenToUnit{\if@RTLmain\paperwidth\else0pt\fi},\LenToUnit{-\paperheight}){#1}}
6349
6350 \ESO@isMEMOIR{%
6351   \renewcommand\AtTextUpperLeft[1]{%
6352     \begingroup
6353       \ifodd\c@page
6354         \@tempdima=\spinemargin
6355       \else
6356         \@tempdima=\paperwidth
6357         \advance\@tempdima-\textwidth
6358         \advance\@tempdima-\spinemargin
6359       \fi
6360       \@tempdimb=-\uppermargin
6361       \AtPageUpperLeft{%
6362         \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6363       }%
6364     \endgroup
6365   }
6366 }{%
6367   \renewcommand\AtTextUpperLeft[1]{%
6368     \begingroup
6369       \@tempdima=1in\relax
6370       \ifodd\c@page
6371         \advance\@tempdima\oddsidemargin
6372       \else
6373         \advance\@tempdima\evensidemargin
6374       \fi
6375       \@tempdimb=-1in\relax
6376       \advance\@tempdimb-\topmargin
6377       \advance\@tempdimb-\headheight
6378       \advance\@tempdimb-\headsep
6379       \AtPageUpperLeft{%
6380         \put(\LenToUnit{\if@RTLmain-\fi\@tempdima},\LenToUnit{\@tempdimb}){#1}%
6381       }%
6382     \endgroup
6383   }
6384 }

```

7.48 empheq-xetex-bidi.def

```

6385 \ProvidesFile{empheq-xetex-bidi.def}[2011/09/07 v0.1 bidi adaptations for empheq package for
6386 \MHInternalSyntaxOn
6387 \def\EQ_tag_plus_endmark:{%
6388   \iftagsleft@

```

```

6389 \gdef\maketag@@@#1{%
6390 \hfuzz\displaywidth
6391 \if@RTL\makebox[\widthof{##1}][r]{%
6392 \hbox to \displaywidth{\m@th\normalfont##1\hss
6393 \raisebox{-\dp\EQ_mathdisplay_box
6394 -\depthof{\EQ_outerbox:}}}{
6395 {\PotEndMark{\hss}}}}
6396 \else\makebox[\widthof{##1}][l]{%
6397 \hbox to \displaywidth{\m@th\normalfont##1\hss
6398 \raisebox{-\dp\EQ_mathdisplay_box
6399 -\depthof{\EQ_outerbox:}}}{
6400 {\PotEndMark{\hss}}}}\fi}%
6401 \else:
6402 \gdef\maketag@@@#1{%
6403 \hbox{\m@th\normalfont##1\llap{\hss\PotEndMark{%
6404 \settoheight{\@tempdima}{\@nameuse{\InTheoType Symbol}}}%
6405 \MH_addtolength:dn \@tempdima
6406 {\g_EQ_bottomtag_depth_dim+\mintagvsep}
6407 \setlength{\@tempdimb}
6408 {\g_EQ_bottomrow_depth_dim+\depthof{\EQ_outerbox:}}
6409 +\depthof{\EQ_innerbox:}}}}
6410 \if_dim:w \@tempdima>\@tempdimb
6411 \MH_setlength:dn \@tempdima{-\dp\EQ_mathdisplay_box
6412 -\@tempdima+\g_EQ_bottomrow_depth_dim}
6413 \addtolength{\@tempdima}{\depthof{\EQ_innerbox:}}}%
6414 \def\EQ_next:{\raisebox{\@tempdima}}%
6415 \else:
6416 \def\EQ_next:{
6417 \raisebox{-\dp\EQ_mathdisplay_box
6418 -\depthof{\EQ_outerbox:}}}%
6419 \fi:\EQ_next:}}}%
6420 \fi:}
6421 \def\EQ_post_process:{%
6422 \EQ_initialize:
6423 \EQ_begin_equation:
6424 \MH_if_boolean:nT {outer_mult}{
6425 \setkeys{MT_options_name:}{
6426 firstline-afterskip=Opt,
6427 lastline-preskip=Opt,
6428 multlined-width=Opt,
6429 }
6430 \ifodd \l_EQ_alignmentmode_int
6431 \setkeys{MT_options_name:}{multlined-pos=b}
6432 \else:
6433 \setkeys{MT_options_name:}{multlined-pos=t}
6434 \fi:
6435 \g@addto@macro\EQ_complete_mathdisplay:{
6436 \begin{MTmultlined}\relax}
6437 }
6438 \g@addto@macro\EQ_complete_mathdisplay:\EQ_mathbody:

```

```

6439 \MH_if_boolean:nT {outer_mult}{
6440   \g@addto@macro\EQ_complete_mathdisplay:{\end{MTmultlined}}
6441 }
6442 \EQ_end_equation:
6443 \edef\EQ_hyperref_link_fint{\number\Hy@linkcounter}
6444 \savecounters@
6445 \EQ_typeset_tags:
6446 \edef\l_EQ_equation_fint{\number\c@equation}
6447 \restorecounters@
6448 \Hy@linkcounter=\EQ_hyperref_link_fint
6449 \settowidth\l_EQ_totalwidth_dim{%
6450   $\EQ_left_side:\EQ_innerbox:{}\EQ_right_side:$}%
6451 \MH_if_boolean:nTF {outer_mult}
6452   { \def\EQ_next:{_mult} }
6453   { \def\EQ_next:{} }
6454 \@nameuse{EQ_modify_linewidth_
6455   \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
6456 \EQ_typeset_display:
6457 \@nameuse{find_displaywidth_
6458   \romannumeral\l_EQ_equationtype_int\EQ_next: :}%
6459 \MH_addtolength:dn
6460 \l_EQ_totalwidth_dim{\l_EQ_displaywidth_dim}
6461 \savebox\EQ_mathdisplay_box[\l_EQ_totalwidth_dim][c]{%
6462   $\EQ_left_side:
6463   \EQ_innerbox:{%
6464     \if_case:w \l_EQ_alignmentmode_int\or:
6465       \makebox[\l_EQ_displaywidth_dim][c]
6466       {\usebox{\EQ_mathdisplay_box}}}%
6467     \or:
6468       \makebox[\l_EQ_displaywidth_dim][c]
6469       {\usebox{\EQ_mathdisplay_box}}}%
6470     \or:
6471       \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6472         \if_num:w \l_EQ_equationtype_int=5 \else:
6473           \if_num:w \l_EQ_equationtype_int=6 \else:
6474             \kern-\@mathmargin
6475             \fi:
6476             \fi:
6477             \usebox{\EQ_mathdisplay_box}}}%
6478         \else\makebox[\l_EQ_displaywidth_dim][l]{%
6479           \if_num:w \l_EQ_equationtype_int=5 \else:
6480             \if_num:w \l_EQ_equationtype_int=6 \else:
6481               \kern-\@mathmargin
6482               \fi:
6483               \fi:
6484               \usebox{\EQ_mathdisplay_box}}\fi%
6485       \or:
6486         \if@RTL\makebox[\l_EQ_displaywidth_dim][r]{%
6487           \if_num:w \l_EQ_equationtype_int=5 \else:
6488             \if_num:w \l_EQ_equationtype_int=6 \else:

```

```

6489         \kern-\@mathmargin
6490         \fi:
6491         \fi:
6492         \usebox{\EQ_mathdisplay_box}}
6493     \else\makebox[\l_EQ_displaywidth_dim][l]{%
6494         \if_num:w \l_EQ_equationtype_int=5 \else:
6495         \if_num:w \l_EQ_equationtype_int=6 \else:
6496         \kern-\@mathmargin
6497         \fi:
6498         \fi:
6499         \usebox{\EQ_mathdisplay_box}}\fi%
6500     \fi:}%
6501     \EQ_right_side:$}%
6502 \begin{AmSequation*}
6503 \@nameuse{EQ_place_display_
6504     \romannumeral\l_EQ_equationtype_int\EQ_next: :}
6505 \if_dim:w \g_EQ_widesttag_dim>\z@
6506 \MH_set_boolean_T:n {show_manual_tags}
6507 \if_case:w \l_EQ_alignmentmode_int
6508 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#1
6509 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#2
6510 \or: \if@RTL\EQ_place_tag:N l\else\EQ_place_tag:N r\fi %#3
6511 \or: \if@RTL\EQ_place_tag:N r\else\EQ_place_tag:N l\fi %#4
6512 \fi:
6513 \fi:
6514 \end{AmSequation*}
6515 \global\c@equation=\l_EQ_equation_fint\relax
6516 }
6517 \AtBeginDocument{%
6518 \@ifpackageloaded{fancybox}{%
6519     \@ifpackageloaded{color}{\definecolor{shadowcolor}{rgb}{0,0,0}}%
6520     {\renewcommand*\textcolor[2]{\normalcolor{#2}}}%
6521     \renewcommand*\shadowbox{%
6522         \@ifstar{\MH_set_boolean_T:n {shadowbox_star}
6523             \VerbBox\EQ_shadowbox:n}
6524         {\MH_set_boolean_F:n {shadowbox_star}
6525             \VerbBox\EQ_shadowbox:n}}
6526     \def\EQ_shadowbox:n #1{%
6527         \sbox{\z@}{\fbox{#1}}%
6528         \MH_if_boolean:nTF {shadowbox_star}{
6529             \MH_setlength:dn \@tempdima{\z@}%
6530         }{
6531             \MH_setlength:dn \@tempdima{\dp\z@+\shadowsize}%
6532         }
6533         \raisebox{\@tempdima}{%
6534             \if@RTL\makebox[\z@][r]{%
6535                 \kern\shadowsize \textcolor{shadowcolor}{%
6536                     \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}%
6537             }%
6538         \else\makebox[\z@][l]{%

```



```

6539         \kern\shadowsize \textcolor{shadowcolor}{%
6540             \rule[-\dp\z@-\shadowsize]{\wd\z@}{\shadowsize}}%
6541     }\fi%
6542     \usebox\z@\textcolor{shadowcolor}{%
6543         \rule[-\dp\z@-\shadowsize]{\shadowsize}{\ht\z@+\dp\z@}}}%
6544 }\fi}%
6545 }
6546 \MHInternalSyntaxOff

```

7.49 extarticle-xetex-bidi.def

```

6547 \ProvidesFile{extarticle-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for extarticle clas
6548 \renewcommand*\l@section[2]{%
6549     \ifnum \c@tocdepth >\z@
6550         \addpenalty\@secpenalty
6551         \addvspace{1.0em \@plus\p@}%
6552         \setlength\@tempdima{1.5em}%
6553         \begingroup
6554             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6555             \parfillskip -\@pnumwidth
6556             \leavevmode \bfseries
6557             \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
6558             \hskip -\if@RTL\rightskip\else\leftskip\fi
6559             #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
6560         \endgroup
6561     \fi}
6562 \renewcommand*\l@part[2]{%
6563     \ifnum \c@tocdepth >-2\relax
6564         \addpenalty\@secpenalty
6565         \addvspace{2.25em \@plus\p@}%
6566         \begingroup
6567             \setlength\@tempdima{3em}%
6568             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6569             \parfillskip -\@pnumwidth
6570             {\leavevmode
6571                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
6572             \nobreak
6573         \endgroup
6574     \fi}
6575 \def\@part[#1]#2{%
6576     \ifnum \c@secnumdepth >\m@ne
6577         \refstepcounter{part}%
6578         \addcontentsline{toc}{part}{\thepart\hspace{1em}#1}%
6579     \else
6580         \addcontentsline{toc}{part}{#1}%
6581     \fi
6582     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6583         \interlinepenalty \@M
6584         \normalfont
6585         \ifnum \c@secnumdepth >\m@ne

```

```

6586      \Large\bfseries \partname~\thepart
6587      \par\nobreak
6588      \fi
6589      \huge \bfseries #2%
6590      \markboth{}{}\par}%
6591      \nobreak
6592      \vskip 3ex
6593      \@afterheading}
6594 \def\@spart#1{%
6595   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6596    \interlinepenalty \@M
6597    \normalfont
6598    \huge \bfseries #1\par}%
6599    \nobreak
6600    \vskip 3ex
6601    \@afterheading}
6602 \renewenvironment{thebibliography}[1]
6603   {\section*{\refname
6604    \@mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}}%
6605    \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
6606    \list{\@biblabel{\@arabic{c@enumiv}}}%
6607      {\settowidth\labelwidth{\@biblabel{#1}}%
6608       \leftmargin\labelwidth
6609       \advance\leftmargin\labelsep
6610       \@openbib@code
6611       \usecounter{enumiv}%
6612       \let\p@enumiv\@empty
6613       \renewcommand\theenumiv{\@arabic{c@enumiv}}%
6614       \sloppy\clubpenalty4000\widowpenalty4000%
6615       \sfcode'\. \@m}
6616   {\def\@noitemerr
6617    {\@latex@warning{Empty 'thebibliography' environment}}%
6618    \endlist}
6619 \renewcommand\left@footnoterule{%
6620   \kern-3\p@
6621   \hrule\@width.4\columnwidth
6622   \kern2.6\p@}
6623 \renewcommand\right@footnoterule{%
6624   \hbox to \columnwidth
6625   {\beginR \vbox{%
6626    \kern-3\p@
6627    \hrule\@width.4\columnwidth
6628    \kern2.6\p@}\hfil\endR}}
6629   \if@titlepage
6630 \renewcommand\maketitle{\begin{titlepage}%
6631 \let\footnotesize\small
6632 \let\right@footnoterule\relax
6633 \let\left@footnoterule\relax
6634 \let\textwidth\footnoterule\relax
6635 \let \footnote \thanks

```

```

6636 \null\vfil
6637 \vskip 60\p@
6638 \begin{center}%
6639 {\LARGE \@title \par}%
6640 \vskip 3em%
6641 {\large
6642 \lineskip .75em%
6643 \begin{tabular}[t]{c}%
6644 \@author
6645 \end{tabular}\par}%
6646 \vskip 1.5em%
6647 {\large \@date \par}% % Set date in \large size.
6648 \end{center}\par
6649 \@thanks
6650 \vfil\null
6651 \end{titlepage}%
6652 \setcounter{footnote}{0}%
6653 \global\let\thanks\relax
6654 \global\let\maketitle\relax
6655 \global\let\@thanks\@empty
6656 \global\let\@author\@empty
6657 \global\let\@date\@empty
6658 \global\let\@title\@empty
6659 \global\let\title\relax
6660 \global\let\author\relax
6661 \global\let\date\relax
6662 \global\let\and\relax
6663 }
6664 \else
6665 \renewcommand\maketitle{\par
6666 \begingroup
6667 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
6668 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6669 \long\def\@makefntext##1{\parindent 1em\noindent
6670 \hb@xt@1.8em{%
6671 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6672 \if@twocolumn
6673 \ifnum \col@number=\@one
6674 \@maketitle
6675 \else
6676 \twocolumn[\@maketitle]%
6677 \fi
6678 \else
6679 \newpage
6680 \global\@topnum\z@ % Prevents figures from going at top of page.
6681 \@maketitle
6682 \fi
6683 \thispagestyle{plain}\@thanks
6684 \endgroup
6685 \setcounter{footnote}{0}%

```

```

6686 \global\let\thanks\relax
6687 \global\let\maketitle\relax
6688 \global\let\@maketitle\relax
6689 \global\let\@thanks\@empty
6690 \global\let\@author\@empty
6691 \global\let\@date\@empty
6692 \global\let\@title\@empty
6693 \global\let\title\relax
6694 \global\let\author\relax
6695 \global\let\date\relax
6696 \global\let\and\relax
6697 }
6698 \def\@maketitle{%
6699   \newpage
6700   \null
6701   \vskip 2em%
6702   \begin{center}%
6703     \let \footnote \thanks
6704     {\LARGE \@title \par}%
6705     \vskip 1.5em%
6706     {\large
6707       \lineskip .5em%
6708       \begin{tabular}[t]{c}%
6709         \@author
6710         \end{tabular}\par}%
6711     \vskip 1em%
6712     {\large \@date}%
6713   \end{center}%
6714   \par
6715   \vskip 1.5em}
6716 \fi
6717 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@section}
6718 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\c@subsubsection}
6719 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
6720 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}%%

```

7.50 extbook-xetex-bidi.def

```

6721 \ProvidesFile{extbook-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for extbook class for
6722 \if@titlepage
6723 \renewcommand\maketitle{\begin{titlepage}%
6724 \let\footnotesize\small
6725 \let\right@footnoterule\relax
6726 \let\left@footnoterule\relax
6727 \let\textwidth@footnoterule\relax
6728 \let \footnote \thanks
6729 \let \LTRfootnote \LTRthanks
6730 \let \RTLfootnote \RTLthanks
6731 \null\vfil
6732 \vskip 60\p@

```

```

6733 \begin{center}%
6734 {\LARGE \@title \par}%
6735 \vskip 3em%
6736 {\large
6737 \lineskip .75em%
6738 \begin{tabular}[t]{c}%
6739 \@author
6740 \end{tabular}\par}%
6741 \vskip 1.5em%
6742 {\large \@date \par}% % Set date in \large size.
6743 \end{center}\par
6744 \@thanks
6745 \vfil\null
6746 \end{titlepage}%
6747 \setcounter{footnote}{0}%
6748 \global\let\thanks\relax
6749 \global\let\LTRthanks\relax
6750 \global\let\RTLthanks\relax
6751 \global\let\maketitle\relax
6752 \global\let\@thanks\@empty
6753 \global\let\@author\@empty
6754 \global\let\@date\@empty
6755 \global\let\@title\@empty
6756 \global\let\title\relax
6757 \global\let\author\relax
6758 \global\let\date\relax
6759 \global\let\and\relax
6760 }
6761 \else
6762 \renewcommand\maketitle{\par
6763 \begingroup
6764 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
6765 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
6766 \long\def\@makefntext##1{\parindent 1em\noindent
6767 \hb@xt@1.8em{%
6768 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
6769 \if@twocolumn
6770 \ifnum \col@number=\@one
6771 \maketitle
6772 \else
6773 \twocolumn[\maketitle]%
6774 \fi
6775 \else
6776 \newpage
6777 \global\@topnum\z@ % Prevents figures from going at top of page.
6778 \maketitle
6779 \fi
6780 \thispagestyle{plain}\@thanks
6781 \endgroup
6782 \setcounter{footnote}{0}%

```

```

6783 \global\let\thanks\relax
6784 \global\let\LTRthanks\relax
6785 \global\let\RTLthanks\relax
6786 \global\let\maketitle\relax
6787 \global\let\@maketitle\relax
6788 \global\let\@thanks\@empty
6789 \global\let\@author\@empty
6790 \global\let\@date\@empty
6791 \global\let\@title\@empty
6792 \global\let\title\relax
6793 \global\let\author\relax
6794 \global\let\date\relax
6795 \global\let\and\relax
6796 }
6797 \def\@maketitle{%
6798   \newpage
6799   \null
6800   \vskip 2em%
6801   \begin{center}%
6802     \let \footnote \thanks
6803     \let \LTRfootnote \LTRthanks
6804     \let \RTLfootnote \RTLthanks
6805     {\LARGE \@title \par}%
6806     \vskip 1.5em%
6807     {\large
6808       \lineskip .5em%
6809       \begin{tabular}[t]{c}%
6810         \@author
6811         \end{tabular}\par}%
6812     \vskip 1em%
6813     {\large \@date}%
6814   \end{center}%
6815   \par
6816   \vskip 1.5em}
6817 \fi
6818 \renewcommand*\l@part[2]{%
6819   \ifnum \c@tocdepth >-2\relax
6820     \addpenalty{-\@highpenalty}%
6821     \addvspace{2.25em \@plus\p@}%
6822     \begingroup
6823       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
6824       \parfillskip -\@pnumwidth
6825       {\leavevmode
6826         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
6827       \nobreak
6828       \global\@nobreaktrue
6829       \everypar{\global\@nobreakfalse\everypar{}}%
6830     \endgroup
6831   \fi}
6832 \renewcommand\theequation

```

```

6833 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
6834 \renewcommand \thefigure
6835     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
6836 \renewcommand \thetable
6837     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
6838 \renewcommand \thechapter {\@arabic\c@chapter}
6839 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
6840 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
6841 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
6842 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
6843 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
6844 \def\@makechapterhead#1{%
6845     \vspace*{50\p@}%
6846     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
6847         \ifnum \c@secnumdepth >\m@ne
6848             \if@mainmatter
6849                 \huge\bfseries \@chapapp\space \thechapter
6850                 \par\nobreak
6851                 \vskip 20\p@
6852             \fi
6853             \fi
6854             \interlinepenalty\@M
6855             \Huge \bfseries #1\par\nobreak
6856             \vskip 40\p@
6857     }}
6858
6859 \def\@makeschapterhead#1{%
6860     \vspace*{50\p@}%
6861     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
6862         \normalfont
6863         \interlinepenalty\@M
6864         \Huge \bfseries #1\par\nobreak
6865         \vskip 40\p@
6866     }}
6867 \renewcommand\backmatter{%
6868     \if@openright
6869         \cleardoublepage
6870     \else
6871         \clearpage
6872     \fi
6873     \@mainmatterfalse}
6874 \renewenvironment{thebibliography}[1]
6875     {\chapter*{\bibname
6876         \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
6877     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
6878     \list{\@biblabel{\@arabic\c@enumiv}}%
6879         {\settowidth\labelwidth{\@biblabel{#1}}%
6880         \leftmargin\labelwidth
6881         \advance\leftmargin\labelsep
6882         \@openbib@code

```

```

6883         \usecounter{enumiv}%
6884         \let\p@enumiv\@empty
6885         \renewcommand\theenumiv{\@arabic\c@enumiv}}%
6886     \sloppy
6887     \clubpenalty4000
6888     \@clubpenalty \clubpenalty
6889     \widowpenalty4000%
6890     \sfcode'\.\@m}
6891     {\def\@noitemerr
6892      {\@latex@warning{Empty ‘thebibliography’ environment}}}%
6893     \endlist}

```

7.51 extletter-xetex-bidi.def

```

6894 \ProvidesFile{extletter-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extletter class]
6895 \renewcommand*{\opening}[1]{\ifx\@empty\fromaddress
6896   \thispagestyle{firstpage}%
6897   {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
6898   \else % home address
6899     \thispagestyle{empty}%
6900     {\if@RTL\raggedright\begin{tabular}{r@{}}\else\raggedleft\begin{tabular}{l@{}}\fi\ignorespaces
6901       \fromaddress \*[2\parskip]%
6902       \@date \end{tabular}\par}%
6903   \fi
6904   \vspace{2\parskip}%
6905   {\if@RTL\raggedleft\else\raggedright\fi \toname \[2\parskip] \toaddress \par}%
6906   \vspace{2\parskip}%
6907   #1\par\nobreak}
6908 \renewcommand{\closing}[1]{\par\nobreak\vspace{\parskip}%
6909   \stopbreaks
6910   \noindent
6911   \ifx\@empty\fromaddress\else
6912     \hspace*{\longindentation}\fi
6913   \parbox{\indentedwidth}{\if@RTL\raggedleft\else\raggedright\fi
6914     \ignorespaces #1\[[6\medskipamount]%
6915     \ifx\@empty\fromsig
6916       \fromname
6917     \else \fromsig \fi\strut}%
6918   \par}
6919 \renewcommand\left@footnoterule{%
6920   \kern-\p@
6921   \hrule \@width .4\columnwidth
6922   \kern .6\p@}
6923 \renewcommand\right@footnoterule{%
6924   \hbox to \columnwidth
6925   {\beginR \vbox{%
6926     \kern-\p@
6927     \hrule \@width .4\columnwidth
6928     \kern .6\p@}\hfil\endR}}

```


7.52 extrafootnotefeatures-xetex-bidi.def

```
6929 \ProvidesFile{extrafootnotefeatures-xetex-bidi.def}[2012/12/12 v0.4 bidi extra footnote featur
6930 \let\autofootnoterule\relax
6931 \let\rightfootnoterule\relax
6932 \let\leftfootnoterule\relax
6933 \let\textwidthfootnoterule\relax
6934 \let\LRfootnoterule\relax
6935 \def\footnoterule{\kern-3\p@
6936   \hrule \@width \columnwidth \kern 2.6\p@}
6937 \bidi@ensure@newcommand{\setRTLparagraphfootnotes}{\@parafootRTLtrue}
6938 \bidi@ensure@newcommand{\setLTRparagraphfootnotes}{\@parafootRTLfalse}
6939 \renewcommand{\@footnotetext}[1]{%
6940   \insert\footins{%
6941     \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
6942     \def\baselinestretch{\m@m@footnote@spacing}%
6943     \reset@font
6944     \foottextfont
6945     \@preamfntext
6946     \hsize\columnwidth
6947     \protected@edef\@currentlabel{%
6948       \csname p@footnote\endcsname\@thefnmark}%
6949     \color@begingroup
6950     \@makefntext{%
6951       \rule\z@\footnotesep\ignorespaces{\foottextfont #1}%
6952       \@finalstrut\strutbox}%
6953     \color@endgroup}%
6954     \m@m@mmf@prepare}
6955 \renewcommand{\@RTLfootnotetext}[1]{%
6956   \insert\footins{%
6957     \@RTLtrue%
6958     \def\baselinestretch{\m@m@footnote@spacing}%
6959     \reset@font
6960     \RTLfoottextfont
6961     \@preamfntext
6962     \hsize\columnwidth
6963     \protected@edef\@currentlabel{%
6964       \csname p@footnote\endcsname\@thefnmark}%
6965     \color@begingroup
6966     \@makefntext{%
6967       \rule\z@\footnotesep\ignorespaces{\RTLfoottextfont #1}%
6968       \@finalstrut\strutbox}%
6969     \color@endgroup}%
6970     \m@m@mmf@prepare}
6971 \renewcommand{\@LTRfootnotetext}[1]{%
6972   \insert\footins{%
6973     \@RTLfalse%
6974     \def\baselinestretch{\m@m@footnote@spacing}%
6975     \reset@font
6976     \LTRfoottextfont
```

```

6977 \preamfntext
6978 \hsize\columnwidth
6979 \protected@edef\@currentlabel{%
6980   \csname p@footnote\endcsname\@thefnmark}%
6981 \color@begingroup
6982 \makefnfntext{%
6983   \rule\z@\footnotesep\ignorespaces{\LTRfoottextfont #1}%
6984   \@finalstrut\strutbox}%
6985 \color@endgroup}%
6986 \m@m@mmf@prepare}
6987 \renewcommand{\@mpfootnotetext}[1]{%
6988   \global\setbox\@mpfootins\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
6989     \unvbox\@mpfootins
6990     \def\baselinestretch{\m@m@footnote@spacing}%
6991     \foottextfont \hsize\columnwidth \@parboxrestore
6992     \protected@edef\@currentlabel{%
6993       \csname p@mpfootnote\endcsname\@thefnmark}%
6994     \color@begingroup
6995     \reset@font%
6996     \makefnfntext{%
6997       \rule\z@\footnotesep\ignorespaces{\foottextfont #1}%
6998       \@finalstrut\strutbox}%
6999     \color@endgroup}}
7000 \renewcommand{\@mpLTRfootnotetext}[1]{%
7001   \global\setbox\@mpfootins\vbox{\@RTLfalse%
7002     \unvbox\@mpfootins
7003     \def\baselinestretch{\m@m@footnote@spacing}%
7004     \LTRfoottextfont \hsize\columnwidth \@parboxrestore
7005     \protected@edef\@currentlabel{%
7006       \csname p@mpfootnote\endcsname\@thefnmark}%
7007     \color@begingroup
7008     \reset@font%
7009     \makefnfntext{%
7010       \rule\z@\footnotesep\ignorespaces{\LTRfoottextfont #1}%
7011       \@finalstrut\strutbox}%
7012     \color@endgroup}}
7013 \renewcommand{\@mpRTLfootnotetext}[1]{%
7014   \global\setbox\@mpfootins\vbox{\@RTLtrue%
7015     \unvbox\@mpfootins
7016     \def\baselinestretch{\m@m@footnote@spacing}%
7017     \RTLfoottextfont \hsize\columnwidth \@parboxrestore
7018     \protected@edef\@currentlabel{%
7019       \csname p@mpfootnote\endcsname\@thefnmark}%
7020     \color@begingroup
7021     \reset@font%
7022     \makefnfntext{%
7023       \rule\z@\footnotesep\ignorespaces{\RTLfoottextfont #1}%
7024       \@finalstrut\strutbox}%
7025     \color@endgroup}}
7026 \let\m@mold@footnotetext\@footnotetext

```

```

7027 \let\m@mold@LTRfootnotetext\@LTRfootnotetext
7028 \let\m@mold@RTLfootnotetext\@RTLfootnotetext
7029 \let\m@mold@mpfootnotetext\@mpfootnotetext
7030 \let\m@mold@mpLTRfootnotetext\@mpLTRfootnotetext
7031 \let\m@mold@mpRTLfootnotetext\@mpRTLfootnotetext
7032 \bidi@ensure@newcommand{\normalfootnotes}{%
7033   \let\@footnotetext\m@mold@footnotetext
7034   \let\@LTRfootnotetext\m@mold@LTRfootnotetext
7035   \let\@RTLfootnotetext\m@mold@RTLfootnotetext
7036   \let\@mpfootnotetext\m@mold@mpfootnotetext
7037   \let\@mpLTRfootnotetext\m@mold@mpLTRfootnotetext
7038   \let\@mpRTLfootnotetext\m@mold@mpRTLfootnotetext}
7039 \@ifclassloaded{memoir}{\let\plainfootnotes\normalfootnotes}{%
7040 \bidi@ensure@newcommand*{\RTLcolumnfootnotes}{\@RTLcolumnfootnotestrue}
7041 \bidi@ensure@newcommand*{\LTRcolumnfootnotes}{\@RTLcolumnfootnotestrue}
7042 \bidi@ensure@newcommand*{\setSingleSpace}[1]{%
7043   \def\m@m@singlespace{#1}%
7044   \def\m@m@footnote@spacing{#1}%
7045   \def\m@m@float@spacing{#1} %
7046 }
7047 \setSingleSpace{1}
7048 \newinsert\sideins
7049 \bidi@ensure@newcommand*{\multiplefootnotemarker}{3sp}
7050 \bidi@ensure@newcommand*{\m@m@mmf@prepare}{%
7051   \kern-\multiplefootnotemarker
7052   \kern\multiplefootnotemarker\relax}
7053 \bidi@ensure@newlength{\footmarkwidth}
7054 \bidi@ensure@newlength{\footmarksep}
7055 \bidi@ensure@newlength{\footparindent}
7056 \bidi@ensure@newcommand*{\footmarkstyle}[1]{\def\footscript##1{#1}}
7057 \bidi@ensure@newcommand{\footfootmark}{%
7058   \ifdim\footmarkwidth < \z@
7059     \llap{\hb@xt@ -\footmarkwidth{%
7060       \hss\normalfont\footscript{\@thefnmark}}}%
7061     \hspace*{-\footmarkwidth}}%
7062   \else
7063     \ifdim\footmarkwidth = \z@
7064       {\normalfont\footscript{\@thefnmark}}%
7065     \else
7066       \hb@xt@\footmarkwidth{\hss\normalfont\footscript{\@thefnmark}}%
7067     \fi
7068   \fi}
7069 \footmarkstyle{\textsuperscript{#1}}
7070 \setlength{\footmarkwidth}{1.8em}
7071 \setlength{\footparindent}{1em}
7072 \bidi@ensure@newcommand{\m@m@doextrafeet}{\extrafeetins}
7073 \bidi@ensure@newcommand*{\extrafeetins}{%
7074   \setbox\@outputbox \vbox{%
7075     \boxmaxdepth \@maxdepth
7076     \unvbox\@outputbox

```

```

7077 \ifvoid\footinsv@r\else\@footstartv@r\@footgroupv@r\fi
7078 \extrafeetinshook}}
7079 \bidi@ensure@newcommand{\extrafeetinshook}{%
7080 \bidi@ensure@newcommand{\foottextfont}{\footnotesize}
7081 \bidi@ensure@newcommand{\LTRfoottextfont}{\footnotesize}
7082 \bidi@ensure@newcommand{\RTLfoottextfont}{\footnotesize}
7083 \bidi@ensure@newlength{\footinsdim}
7084 \setlength{\footinsdim}{8in} % standard for \dimen\footins
7085 \bidi@ensure@newcommand{\@preamfntext}{%
7086 \interlinepenalty\interfootnotelinepenalty
7087 \floatingpenalty \@MM
7088 \splittopskip=\footnotesep
7089 \splitmaxdepth=\dp\strutbox
7090 \@parboxrestore}
7091 \bidi@ensure@newcommand{\m@mndoextrafeetmini}{%
7092 \extrafeetminihook}
7093 \bidi@ensure@newcommand{\extrafeetendmini}{%
7094 \ifvoid\@mpfootinsv@r\else
7095 \vskip\skip\@mpfootins
7096 \normalcolor\footnoterule\mp@footgroupv@r
7097 \fi
7098 \extrafeetendminihook}
7099 \bidi@ensure@newcommand{\extrafeetendminihook}{%
7100 \bidi@ensure@newcommand{\m@mndoextrafeetendmini}{\extrafeetendmini}
7101 \def\endminipage{%
7102 \par
7103 \unskip
7104 \ifvoid\@mpfootins\else
7105 \vskip\skip\@mpfootins
7106 \normalcolor
7107 \footnoterule
7108 \unvbox\@mpfootins
7109 \fi
7110 \m@mndoextrafeetendmini
7111 \@minipagefalse
7112 \color@endgroup
7113 \egroup
7114 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
7115 \bidi@ensure@newcommand{\m@make@footstart}[1]{%
7116 \@namedef{\@footstart#1}{%
7117 \vskip\bigskipamount
7118 \leftskip=\z@
7119 \rightskip=\z@
7120 \footnoterule}}
7121 \newinsert\footinsv@r
7122 \skip\footinsv@r\bigskipamount
7123 \count\footinsv@r=1000 % no magnification
7124 \dimen\footinsv@r=\footinsdim
7125 \m@make@footstart{v@r}
7126 \bidi@ensure@newcommand{\@footgroupv@r}{%

```

```

7127 \newinsert\@mpfootinsv@r
7128 \bidi@ensure@newcommand{\mp@footgroupv@r}{%
7129 \newcount\m@m@k \newdimen\m@m@h
7130 \ifpackageloaded{multicol}{%
7131 \bidi@ensure@newcommand*{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7132 \hsize\textwidth
7133 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7134 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7135 }{%
7136 \bidi@ensure@newcommand*{\m@mrigidbalance}[3]{\setbox0=\box#1 \m@m@k=#2 \m@m@h=#3
7137 \@@line{\if@RTLcolumnfootnotes\beginR\fi\splittopskip=\m@m@h \vbadness=\@M \hfilneg
7138 \valign{##\vfill\cr\m@mdosplits}\if@RTLcolumnfootnotes\endR\fi}}
7139 \bidi@ensure@newcommand*{\m@mdosplits}{\ifnum\m@m@k>0 \noalign{\hfil}\m@msplitoff
7140 \global\advance\m@m@k-1\cr\m@mdosplits\fi}
7141 \bidi@ensure@newcommand*{\m@msplitoff}{\dimen0=\ht0
7142 \divide\dimen0 by\m@m@k \advance\dimen0 by\m@m@h
7143 \setbox2 \vsplit0 to \dimen0
7144 \unvbox2 }
7145 \bidi@ensure@newcommand{\twocolumnfootnotes}{%
7146 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7147 \let\@footnotetext\@twocolfootnotetext
7148 \let\@LTRfootnotetext\@twocolLTRfootnotetext
7149 \let\@RTLfootnotetext\@twocolRTLfootnotetext
7150 \dimen\footinsv@r=2\footinsdim
7151 \count\footinsv@r=500\relax
7152 \m@make@twocol@footgroup{v@r}%
7153 \let\@footgroupv@r\@twocol@footgroupv@r
7154 \let\@mpfootnotetext\@mptwocolfootnotetext
7155 \let\@mpLTRfootnotetext\@mptwocolLTRfootnotetext
7156 \let\@mpRTLfootnotetext\@mptwocolRTLfootnotetext
7157 \m@make@mptwocol@footgroup{v@r}%
7158 \let\mp@footgroupv@r\@mptwocol@footgroupv@r}
7159 \bidi@ensure@newcommand{\@twocolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue
7160 \def\baselinestretch{\m@m@footnote@spacing}%
7161 \reset@font\foottextfont
7162 \@preamfntext
7163 \protected@edef\@currentlabel{%
7164 \csname p@footnote\endcsname\@thefnmark}%
7165 \color@begingroup
7166 \@twocolfootfmt{#1}%
7167 \color@endgroup}%
7168 \m@m@prepare}
7169 \bidi@ensure@newcommand{\@twocolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes
7170 \def\baselinestretch{\m@m@footnote@spacing}%
7171 \reset@font\LTRfoottextfont
7172 \@preamfntext
7173 \protected@edef\@currentlabel{%
7174 \csname p@footnote\endcsname\@thefnmark}%
7175 \color@begingroup
7176 \@twocolLTRfootfmt{#1}%

```

```

7177 \color@endgroup}%
7178 \m@mmf@prepare}
7179 \bidi@ensure@newcommand{\@twocolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7180 \def\baselinestretch{\m@m@footnote@spacing}%
7181 \reset@font\RTLfoottextfont
7182 \@preamfntext
7183 \protected@edef\@currentlabel{%
7184 \csname p@footnote\endcsname\@thefnmark}%
7185 \color@begingroup
7186 \@twocolRTLfootfmt{#1}%
7187 \color@endgroup}%
7188 \m@mmf@prepare}
7189 \bidi@ensure@newcommand{\@preamtwofmt}{%
7190 \hsize .45\hsize
7191 \parindent=\z@
7192 \tolerance=5000\relax
7193 \leavevmode}
7194 \bidi@ensure@newcommand{\@twocolfootfmt}[1]{%
7195 \@preamtwofmt
7196 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7197 \bidi@ensure@newcommand{\@twocolLTRfootfmt}[1]{%
7198 \@preamtwofmt
7199 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7200 \bidi@ensure@newcommand{\@twocolRTLfootfmt}[1]{%
7201 \@preamtwofmt
7202 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7203 \bidi@ensure@newcommand{\@mptwocolfootnotetext}[1]{%
7204 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7205 \unvbox\@mpfootinsv@r
7206 \def\baselinestretch{\m@m@footnote@spacing}%
7207 \reset@font\foottextfont
7208 \hsize\columnwidth \@parboxrestore
7209 \protected@edef\@currentlabel{%
7210 \csname p@mpfootnote\endcsname\@thefnmark}%
7211 \color@begingroup
7212 \@twocolfootfmt{#1}%
7213 \color@endgroup}%
7214 \m@mmf@prepare}
7215 \bidi@ensure@newcommand{\@mptwocolLTRfootnotetext}[1]{%
7216 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
7217 \unvbox\@mpfootinsv@r
7218 \def\baselinestretch{\m@m@footnote@spacing}%
7219 \reset@font\LTRfoottextfont
7220 \hsize\columnwidth \@parboxrestore
7221 \if@RTLcolumnfootnotes\beginL\fi
7222 \protected@edef\@currentlabel{%
7223 \csname p@mpfootnote\endcsname\@thefnmark}%
7224 \color@begingroup
7225 \@twocolLTRfootfmt{#1}%
7226 \color@endgroup}%

```

```

7227 \m@mmf@prepare}
7228 \bidi@ensure@newcommand{\@mptwocolRTLfootnotetext}[1]{%
7229 \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
7230 \unvbox\@mpfootinsv@r
7231 \def\baselinestretch{\m@mm@footnote@spacing}%
7232 \reset@font\RTLfoottextfont
7233 \hsize\columnwidth \@parboxrestore
7234 \protected@edef\@currentlabel{%
7235 \csname p@mpfootnote\endcsname\@thefnmark}%
7236 \color@begingroup
7237 \@twocolRTLfootfmt{#1}%
7238 \color@endgroup}%
7239 \m@mmf@prepare}
7240 \bidi@ensure@newcommand{\twocolumnfootstyle}[1]{%
7241 \m@make@twocolfootnotetext{#1}%
7242 \m@make@mptwocolfootnotetext{#1}%
7243 \m@make@twocolfootfmt{#1}%
7244 \m@make@twocol@footgroup{#1}%
7245 \m@make@mptwocol@footgroup{#1}%
7246 \m@make@footstart{#1}%
7247 \bidi@namelongdef{\@footnotetext#1}##1{%
7248 \@nameuse{\@twocolfootnotetext#1}{##1}}%
7249 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
7250 \@nameuse{\@mptwocolfootnotetext#1}{##1}}%
7251 \namedef{\@footgroup#1}{\@nameuse{\@twocol@footgroup#1}}%
7252 \namedef{\mp@footgroup#1}{\@nameuse{\@mptwocol@footgroup#1}}%
7253 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7254 \expandafter\count\csname footins#1\endcsname=500\relax}
7255 \bidi@ensure@newcommand{\m@make@twocolfootnotetext}[1]{%
7256 \bidi@namelongdef{\@twocolfootnotetext#1}##1{%
7257 \insert\@nameuse{footins#1}{%
7258 \def\baselinestretch{\m@mm@footnote@spacing}%
7259 \reset@font\@nameuse{foottextfont#1}%
7260 \@preamfntext
7261 \protected@edef\@currentlabel{%
7262 \csname p@footnote#1\endcsname \@nameuse{\@thefnmark#1}}%
7263 \color@begingroup
7264 \@nameuse{\@twocolfootfmt#1}{##1}%
7265 \color@endgroup}%
7266 \m@mmf@prepare}}
7267 \bidi@ensure@newcommand{\m@make@mptwocolfootnotetext}[1]{%
7268 \bidi@namelongdef{\@mptwocolfootnotetext#1}##1{%
7269 \global\setbox\@nameuse{\@mpfootins#1}\vbox{%
7270 \unvbox\@nameuse{\@mpfootins#1}
7271 \def\baselinestretch{\m@mm@footnote@spacing}%
7272 \reset@font\@nameuse{foottextfont#1}%
7273 \hsize\columnwidth \@parboxrestore
7274 \protected@edef\@currentlabel{%
7275 \csname p@mpfootnote#1\endcsname\@nameuse{\@thefnmark#1}}%
7276 \color@begingroup

```

```

7277 \nameuse{twocolfootfmt#1}##1}%
7278 \color@endgroup}\m@mmf@prepare}}
7279 \bidi@ensure@newcommand{\m@make@twocolfootfmt}[1]{%
7280 \namedef{@twocolfootfmt#1}##1{%
7281 \preamtwofmt
7282 {\nameuse{footfootmark#1}\strut
7283 {\nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7284 \bidi@ensure@newcommand{\m@make@twocol@footgroup}[1]{%
7285 \namedef{@twocol@footgroup#1}{%
7286 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7287 \m@r@rigidbalance{\nameuse{footins#1}}{\tw@}{\splittopskip}}}}
7288 \bidi@ensure@newcommand{\m@make@mptwocol@footgroup}[1]{%
7289 \namedef{@mptwocol@footgroup#1}{%
7290 \nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7291 \m@r@rigidbalance{\nameuse{mpfootins#1}}{\tw@}{\splittopskip}}}}
7292 \bidi@ensure@newcommand{\threecolumnfootnotes}{%
7293 \namedef{foottextfontv@r}{\foottextfont}% % [RS]
7294 \let\@footnotetext\@threecolfootnotetext
7295 \let\@LTRfootnotetext\@threecolLTRfootnotetext
7296 \let\@RTLfootnotetext\@threecolRTLfootnotetext
7297 \dimen\footinsv@r=3\footinsdim
7298 \count\footinsv@r=333\relax
7299 \m@make@threecol@footgroup{v@r}%
7300 \let\@footgroupv@r\@threecol@footgroupv@r
7301 \let\@mpfootnotetext\@mpthreecolfootnotetext
7302 \let\@mpLTRfootnotetext\@mpthreecolLTRfootnotetext
7303 \let\@mpRTLfootnotetext\@mpthreecolRTLfootnotetext
7304 \m@make@mpthreecol@footgroup{v@r}%
7305 \let\mp@footgroupv@r\@mpthreecol@footgroupv@r
7306 \bidi@ensure@newcommand{\@threecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
7307 \def\baselinestretch{\m@m@footnote@spacing}%
7308 \reset@font\foottextfont
7309 \@preamfntext
7310 \protected@edef\@currentlabel{%
7311 \csname p@footnote\endcsname\@thefnmark}%
7312 \color@begingroup
7313 \@threecolfootfmt{#1}%
7314 \color@endgroup}\m@mmf@prepare}
7315 \bidi@ensure@newcommand{\@threecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
7316 \def\baselinestretch{\m@m@footnote@spacing}%
7317 \reset@font\LTRfoottextfont
7318 \@preamfntext
7319 \protected@edef\@currentlabel{%
7320 \csname p@footnote\endcsname\@thefnmark}%
7321 \color@begingroup
7322 \@threecolLTRfootfmt{#1}%
7323 \color@endgroup}\m@mmf@prepare}
7324 \bidi@ensure@newcommand{\@threecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7325 \def\baselinestretch{\m@m@footnote@spacing}%
7326 \reset@font\RTLfoottextfont

```



```

7327 \@preamfntext
7328 \protected@edef\@currentlabel{%
7329   \csname p@footnote\endcsname\@thefnmark}%
7330 \color@begingroup
7331   \@threecolRTLfootfmt{#1}%
7332 \color@endgroup}\m@mmf@prepare}
7333 \bidi@ensure@newcommand{\@preamthreefmt}{%
7334   \hspace{.3\hspace}
7335   \parindent=\z@
7336   \tolerance=5000\relax
7337   \leavevmode}
7338 \bidi@ensure@newcommand{\@threecolfootfmt}[1]{%
7339   \@preamthreefmt
7340   {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7341 \bidi@ensure@newcommand{\@threecolLTRfootfmt}[1]{%
7342   \@preamthreefmt
7343   {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7344 \bidi@ensure@newcommand{\@threecolRTLfootfmt}[1]{%
7345   \@preamthreefmt
7346   {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7347 \bidi@ensure@newcommand{\@mpthreecolfootnotetext}[1]{%
7348   \global\setbox\@mpfootinsv\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7349     \unvbox\@mpfootinsv}
7350   \def\baselinestretch{\m@mm@footnote@spacing}%
7351   \reset@font\foottextfont
7352   \hspace\columnwidth \@parboxrestore
7353   \protected@edef\@currentlabel{%
7354     \csname p@mpfootnote\endcsname\@thefnmark}%
7355   \color@begingroup
7356     \@threecolfootfmt{#1}%
7357   \color@endgroup}\m@mmf@prepare}
7358 \bidi@ensure@newcommand{\@mpthreecolLTRfootnotetext}[1]{%
7359   \global\setbox\@mpfootinsv\@vbox{\@RTLfalse%
7360     \unvbox\@mpfootinsv}
7361   \def\baselinestretch{\m@mm@footnote@spacing}%
7362   \reset@font\LTRfoottextfont
7363   \hspace\columnwidth \@parboxrestore
7364   \if@RTLcolumnfootnotes\beginL\fi
7365   \protected@edef\@currentlabel{%
7366     \csname p@mpfootnote\endcsname\@thefnmark}%
7367   \color@begingroup
7368     \@threecolLTRfootfmt{#1}%
7369   \color@endgroup}\m@mmf@prepare}
7370 \bidi@ensure@newcommand{\@mpthreecolRTLfootnotetext}[1]{%
7371   \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
7372     \unvbox\@mpfootinsv}
7373   \def\baselinestretch{\m@mm@footnote@spacing}%
7374   \reset@font\RTLfoottextfont
7375   \hspace\columnwidth \@parboxrestore
7376   \protected@edef\@currentlabel{%

```

```

7377 \csname p@mpfootnote\endcsname\@thefnmark}%
7378 \color@begingroup
7379 \@threecolRTLfootfmt{#1}%
7380 \color@endgroup\m@mmf@prepare}
7381 \bidi@ensure@newcommand{\threecolumnfootstyle}[1]{%
7382 \m@make@threecolfootnotetext{#1}%
7383 \m@make@mpthreecolfootnotetext{#1}%
7384 \m@make@threecolfootfmt{#1}%
7385 \m@make@threecol@footgroup{#1}%
7386 \m@make@mpthreecol@footgroup{#1}%
7387 \m@make@footstart{#1}%
7388 \bidi@namelongdef{\footnotetext#1}##1{%
7389 \@nameuse{@threecolfootnotetext#1}{##1}}%
7390 \bidi@namelongdef{\mpfootnotetext#1}##1{%
7391 \@nameuse{@mpthreecolfootnotetext#1}{##1}}%
7392 \@namedef{@footgroup#1}{\@nameuse{@threecol@footgroup#1}}%
7393 \@namedef{\mp@footgroup#1}{\@nameuse{@mpthreecol@footgroup#1}}%
7394 \expandafter\dimen\csname footins#1\endcsname=3\footinsdim
7395 \expandafter\count\csname footins#1\endcsname=333\relax}
7396 \bidi@ensure@newcommand{\m@make@threecolfootnotetext}[1]{%
7397 \bidi@namelongdef{@threecolfootnotetext#1}##1{%
7398 \insert\@nameuse{footins#1}{%
7399 \def\baselinestretch{\m@m@footnote@spacing}%
7400 \reset@font\@nameuse{foottextfont#1}%
7401 \preamfntext
7402 \protected@edef\@currentlabel{%
7403 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7404 \color@begingroup
7405 \@nameuse{@threecolfootfmt#1}{##1}%
7406 \color@endgroup}\m@mmf@prepare}}
7407 \bidi@ensure@newcommand{\m@make@mpthreecolfootnotetext}[1]{%
7408 \bidi@namelongdef{@mpthreecolfootnotetext#1}##1{%
7409 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7410 \unvbox\@nameuse{@mpfootins#1}
7411 \def\baselinestretch{\m@m@footnote@spacing}%
7412 \reset@font\@nameuse{foottextfont#1}%
7413 \hsize\columnwidth \@parboxrestore
7414 \protected@edef\@currentlabel{%
7415 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7416 \color@begingroup
7417 \@nameuse{@threecolfootfmt#1}{##1}%
7418 \color@endgroup}\m@mmf@prepare}}
7419 \bidi@ensure@newcommand{\m@make@threecolfootfmt}[1]{%
7420 \bidi@namelongdef{@threecolfootfmt#1}##1{%
7421 \@preamthreefmt
7422 {\@nameuse{footfootmark#1}\strut
7423 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7424 \bidi@ensure@newcommand{\m@make@threecol@footgroup}[1]{%
7425 \@namedef{@threecol@footgroup#1}{%
7426 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox

```

```

7427 \m@mrigidbalance{\@nameuse{footins#1}}{\thr@@}{\splittopskip}}}}
7428 \bidi@ensure@newcommand{\m@make@mpthreecol@footgroup}[1]{%
7429 \@namedef{\mpthreecol@footgroup#1}{%
7430 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7431 \m@mrigidbalance{\@nameuse{\mpfootins#1}}{\thr@@}{\splittopskip}}}}
7432 \bidi@ensure@newcommand{\fourcolumnfootnotes}{%
7433 \@namedef{\foottextfontv@r}{\foottextfont}% % [RS]
7434 \let\@footnotetext\@fourcolfootnotetext
7435 \let\@LTRfootnotetext\@fourcolLTRfootnotetext
7436 \let\@RTLfootnotetext\@fourcolRTLfootnotetext
7437 \dimen\footinsv@r=4\footinsdim
7438 \count\footinsv@r=250\relax
7439 \m@make@fourcol@footgroup{v@r}%
7440 \let\@footgroupv@r\@fourcol@footgroupv@r
7441 \let\@mpfootnotetext\@mpfourcolfootnotetext
7442 \let\@mpLTRfootnotetext\@mpfourcolLTRfootnotetext
7443 \let\@mpRTLfootnotetext\@mpfourcolRTLfootnotetext
7444 \m@make@mpfourcol@footgroup{v@r}%
7445 \let\mp@footgroupv@r\@mpfourcol@footgroupv@r
7446 \bidi@ensure@newcommand{\@fourcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
7447 \def\baselinestretch{\m@m@footnote@spacing}%
7448 \reset@font\foottextfont
7449 \@preamfntext
7450 \protected@edef\@currentlabel{%
7451 \csname p@footnote\endcsname\@thefnmark}%
7452 \color@begingroup
7453 \@fourcolfootfmt{#1}%
7454 \color@endgroup}%
7455 \m@mmf@prepare}
7456 \bidi@ensure@newcommand{\@fourcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
7457 \def\baselinestretch{\m@m@footnote@spacing}%
7458 \reset@font\LTRfoottextfont
7459 \@preamfntext
7460 \protected@edef\@currentlabel{%
7461 \csname p@footnote\endcsname\@thefnmark}%
7462 \color@begingroup
7463 \@fourcolLTRfootfmt{#1}%
7464 \color@endgroup}%
7465 \m@mmf@prepare}
7466 \bidi@ensure@newcommand{\@fourcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7467 \def\baselinestretch{\m@m@footnote@spacing}%
7468 \reset@font\RTLfoottextfont
7469 \@preamfntext
7470 \protected@edef\@currentlabel{%
7471 \csname p@footnote\endcsname\@thefnmark}%
7472 \color@begingroup
7473 \@fourcolRTLfootfmt{#1}%
7474 \color@endgroup}%
7475 \m@mmf@prepare}
7476 \bidi@ensure@newcommand{\@preamfourfmt}{%

```

```

7477 \hsize .25\hsize
7478 \parindent=\z@
7479 \tolerance=5000\relax
7480 \leavevmode}
7481 \bidi@ensure@newcommand{\@fourcolfootfmt}[1]{%
7482 \@preamfourfmt
7483 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7484 \bidi@ensure@newcommand{\@fourcolLTRfootfmt}[1]{%
7485 \@preamfourfmt
7486 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7487 \bidi@ensure@newcommand{\@fourcolRTLfootfmt}[1]{%
7488 \@preamfourfmt
7489 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7490 \bidi@ensure@newcommand{\@mpfourcolfootnotetext}[1]{%
7491 \global\setbox\@mpfootinsv\@r\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7492 \unvbox\@mpfootinsv\@r
7493 \def\baselinestretch{\m@m@footnote@spacing}%
7494 \reset@font\foottextfont
7495 \hsize\columnwidth \@parboxrestore
7496 \protected@edef\@currentlabel{%
7497 \csname p@mpfootnote\endcsname\@thefnmark}%
7498 \color@begingroup
7499 \@fourcolfootfmt{#1}%
7500 \color@endgroup}%
7501 \m@m@m@prepare}
7502 \bidi@ensure@newcommand{\@mpfourcolLTRfootnotetext}[1]{%
7503 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLfalse%
7504 \unvbox\@mpfootinsv\@r
7505 \def\baselinestretch{\m@m@footnote@spacing}%
7506 \reset@font\LTRfoottextfont
7507 \hsize\columnwidth \@parboxrestore
7508 \if@RTLcolumnfootnotes\beginL\fi
7509 \protected@edef\@currentlabel{%
7510 \csname p@mpfootnote\endcsname\@thefnmark}%
7511 \color@begingroup
7512 \@fourcolLTRfootfmt{#1}%
7513 \color@endgroup}%
7514 \m@m@m@prepare}
7515 \bidi@ensure@newcommand{\@mpfourcolRTLfootnotetext}[1]{%
7516 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLtrue%
7517 \unvbox\@mpfootinsv\@r
7518 \def\baselinestretch{\m@m@footnote@spacing}%
7519 \reset@font\RTLfoottextfont
7520 \hsize\columnwidth \@parboxrestore
7521 \protected@edef\@currentlabel{%
7522 \csname p@mpfootnote\endcsname\@thefnmark}%
7523 \color@begingroup
7524 \@fourcolRTLfootfmt{#1}%
7525 \color@endgroup}%
7526 \m@m@m@prepare}

```

```

7527 \bidi@ensure@newcommand{\fourcolumnfootstyle}[1]{%
7528   \m@make@fourcolfootnotetext{#1}%
7529   \m@make@mpfourcolfootnotetext{#1}%
7530   \m@make@fourcolfootfmt{#1}%
7531   \m@make@fourcol@footgroup{#1}%
7532   \m@make@mpfourcol@footgroup{#1}%
7533   \m@make@footstart{#1}%
7534   \bidi@namelongdef{@footnotetext#1}##1{%
7535     \@nameuse{@fourcolfootnotetext#1}{##1}}%
7536   \bidi@namelongdef{@mpfootnotetext#1}##1{%
7537     \@nameuse{@mpfourcolfootnotetext#1}{##1}}%
7538   \@namedef{@footgroup#1}{\@nameuse{@fourcol@footgroup#1}}%
7539   \@namedef{@mp@footgroup#1}{\@nameuse{@mpfourcol@footgroup#1}}%
7540   \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7541   \expandafter\count\csname footins#1\endcsname=500\relax}
7542 \bidi@ensure@newcommand{\m@make@fourcolfootnotetext}[1]{%
7543   \bidi@namelongdef{@fourcolfootnotetext#1}##1{%
7544     \insert\@nameuse{footins#1}{%
7545       \def\baselinestretch{\m@m@footnote@spacing}%
7546       \reset@font\@nameuse{foottextfont#1}%
7547       \@preamfntext
7548       \protected@edef\@currentlabel{%
7549         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7550       \color@begingroup
7551         \@nameuse{@fourcolfootfmt#1}{##1}%
7552       \color@endgroup}%
7553     \m@mmf@prepare}}
7554 \bidi@ensure@newcommand{\m@make@mpfourcolfootnotetext}[1]{%
7555   \bidi@namelongdef{@mpfourcolfootnotetext#1}##1{%
7556     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7557       \unvbox\@nameuse{@mpfootins#1}
7558       \def\baselinestretch{\m@m@footnote@spacing}%
7559       \reset@font\@nameuse{foottextfont#1}%
7560       \hsize\columnwidth \@parboxrestore
7561       \protected@edef\@currentlabel{%
7562         \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7563       \color@begingroup
7564         \@nameuse{@fourcolfootfmt#1}{##1}%
7565       \color@endgroup}\m@mmf@prepare}}
7566 \bidi@ensure@newcommand{\m@make@fourcolfootfmt}[1]{%
7567   \@namedef{@fourcolfootfmt#1}##1{%
7568     \@preamfourfmt
7569     {\@nameuse{footfootmark#1}\strut
7570      {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7571 \bidi@ensure@newcommand{\m@make@fourcol@footgroup}[1]{%
7572   \@namedef{@fourcol@footgroup#1}{%
7573     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7574     \m@rmrigidbalance{\@nameuse{footins#1}}{4}{\splittopskip}}}}
7575 \bidi@ensure@newcommand{\m@make@mpfourcol@footgroup}[1]{%
7576   \@namedef{@mpfourcol@footgroup#1}{%

```

```

7577 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7578 \m@r rigidbalance{\@nameuse{@mpfootins#1}}{4}{\splittopskip}}}}
7579 \bidi@ensure@newcommand{\fivecolumnfootnotes}{%
7580 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7581 \let\@footnotetext\@fivecolfootnotetext
7582 \let\@LTRfootnotetext\@fivecolLTRfootnotetext
7583 \let\@RTLfootnotetext\@fivecolRTLfootnotetext
7584 \dimen\footinsv@r=5\footinsdim
7585 \count\footinsv@r=200\relax
7586 \m@make@fivecol@footgroup{v@r}%
7587 \let\@footgroupv@r\@fivecol@footgroupv@r
7588 \let\@mpfootnotetext\@mpfivecolfootnotetext
7589 \let\@mpLTRfootnotetext\@mpfivecolLTRfootnotetext
7590 \let\@mpRTLfootnotetext\@mpfivecolRTLfootnotetext
7591 \m@make@mpfivecol@footgroup{v@r}%
7592 \let\mp@footgroupv@r\@mpfivecol@footgroupv@r
7593 \bidi@ensure@newcommand{\@fivecolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
7594 \def\baselinestretch{\m@m@footnote@spacing}%
7595 \reset@font\foottextfont
7596 \@preamfntext
7597 \protected@edef\@currentlabel{%
7598 \csname p@footnote\endcsname\@thefnmark}%
7599 \color@begingroup
7600 \@fivecolfootfmt{#1}%
7601 \color@endgroup}%
7602 \m@mmf@prepare}
7603 \bidi@ensure@newcommand{\@fivecolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
7604 \def\baselinestretch{\m@m@footnote@spacing}%
7605 \reset@font\LTRfoottextfont
7606 \@preamfntext
7607 \protected@edef\@currentlabel{%
7608 \csname p@footnote\endcsname\@thefnmark}%
7609 \color@begingroup
7610 \@fivecolLTRfootfmt{#1}%
7611 \color@endgroup}%
7612 \m@mmf@prepare}
7613 \bidi@ensure@newcommand{\@fivecolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7614 \def\baselinestretch{\m@m@footnote@spacing}%
7615 \reset@font\RTLfoottextfont
7616 \@preamfntext
7617 \protected@edef\@currentlabel{%
7618 \csname p@footnote\endcsname\@thefnmark}%
7619 \color@begingroup
7620 \@fivecolRTLfootfmt{#1}%
7621 \color@endgroup}%
7622 \m@mmf@prepare}
7623 \bidi@ensure@newcommand{\@preamfivefmt}{%
7624 \hspace{.2\hspace}
7625 \parindent=\z@
7626 \tolerance=5000\relax

```

```

7627 \leavevmode}
7628 \bidi@ensure@newcommand{\@fivecolfootfmt}[1]{%
7629 \@preamfivefmt
7630 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7631 \bidi@ensure@newcommand{\@fivecolLTRfootfmt}[1]{%
7632 \@preamfivefmt
7633 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7634 \bidi@ensure@newcommand{\@fivecolRTLfootfmt}[1]{%
7635 \@preamfivefmt
7636 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7637 \bidi@ensure@newcommand{\@mpfivecolfootnotetext}[1]{%
7638 \global\setbox\@mpfootinsv\@r\@vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
7639 \unvbox\@mpfootinsv\@r
7640 \def\baselinestretch{\m@m@footnote@spacing}%
7641 \reset@font\foottextfont
7642 \hsize\columnwidth \@parboxrestore
7643 \protected@edef\@currentlabel{%
7644 \csname p@mpfootnote\endcsname\@thefnmark}%
7645 \color@begingroup
7646 \@fivecolfootfmt{#1}%
7647 \color@endgroup}%
7648 \m@m@mpf@prepare}
7649 \bidi@ensure@newcommand{\@mpfivecolLTRfootnotetext}[1]{%
7650 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLfalse%
7651 \unvbox\@mpfootinsv\@r
7652 \def\baselinestretch{\m@m@footnote@spacing}%
7653 \reset@font\LTRfoottextfont
7654 \hsize\columnwidth \@parboxrestore
7655 \if@RTLcolumnfootnotes\beginL\fi
7656 \protected@edef\@currentlabel{%
7657 \csname p@mpfootnote\endcsname\@thefnmark}%
7658 \color@begingroup
7659 \@fivecolLTRfootfmt{#1}%
7660 \color@endgroup}%
7661 \m@m@mpf@prepare}
7662 \bidi@ensure@newcommand{\@mpfivecolRTLfootnotetext}[1]{%
7663 \global\setbox\@mpfootinsv\@r\@vbox{\@RTLtrue%
7664 \unvbox\@mpfootinsv\@r
7665 \def\baselinestretch{\m@m@footnote@spacing}%
7666 \reset@font\RTLfoottextfont
7667 \hsize\columnwidth \@parboxrestore
7668 \protected@edef\@currentlabel{%
7669 \csname p@mpfootnote\endcsname\@thefnmark}%
7670 \color@begingroup
7671 \@fivecolRTLfootfmt{#1}%
7672 \color@endgroup}%
7673 \m@m@mpf@prepare}
7674 \bidi@ensure@newcommand{\fivecolumnfootstyle}[1]{%
7675 \m@make@fivecolfootnotetext{#1}%
7676 \m@make@mpfivecolfootnotetext{#1}%

```

```

7677 \m@make@fivecolfootfmt{#1}%
7678 \m@make@fivecol@footgroup{#1}%
7679 \m@make@mpfivecol@footgroup{#1}%
7680 \m@make@footstart{#1}%
7681 \bidi@namelongdef{@footnotetext#1}##1{%
7682   \@nameuse{@fivecolfootnotetext#1}{##1}}%
7683 \bidi@namelongdef{@mpfootnotetext#1}##1{%
7684   \@nameuse{@mpfivecolfootnotetext#1}{##1}}%
7685 \@namedef{@footgroup#1}{\@nameuse{@fivecol@footgroup#1}}%
7686 \@namedef{@mpfootgroup#1}{\@nameuse{@mpfivecol@footgroup#1}}%
7687 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7688 \expandafter\count\csname footins#1\endcsname=500\relax}
7689 \bidi@ensure@newcommand{\m@make@fivecolfootnotetext}[1]{%
7690   \bidi@namelongdef{@fivecolfootnotetext#1}##1{%
7691     \insert\@nameuse{footins#1}{%
7692       \def\baselinestretch{\m@mm@footnote@spacing}%
7693       \reset@font\@nameuse{foottextfont#1}%
7694       \@preamfntext
7695       \protected@edef\@currentlabel{%
7696         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7697       \color@begingroup
7698         \@nameuse{@fivecolfootfmt#1}{##1}%
7699       \color@endgroup}%
7700     \m@mmf@prepare}}
7701 \bidi@ensure@newcommand{\m@make@mpfivecolfootnotetext}[1]{%
7702   \bidi@namelongdef{@mpfivecolfootnotetext#1}##1{%
7703     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7704       \unvbox\@nameuse{@mpfootins#1}
7705       \def\baselinestretch{\m@mm@footnote@spacing}%
7706       \reset@font\@nameuse{foottextfont#1}%
7707       \hsize\columnwidth \@parboxrestore
7708       \protected@edef\@currentlabel{%
7709         \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7710       \color@begingroup
7711         \@nameuse{@fivecolfootfmt#1}{##1}%
7712       \color@endgroup}\m@mmf@prepare}}
7713 \bidi@ensure@newcommand{\m@make@fivecolfootfmt}[1]{%
7714   \@namedef{@fivecolfootfmt#1}##1{%
7715     \@preamfivefmt
7716     {\@nameuse{footfootmark#1}\strut
7717      {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7718 \bidi@ensure@newcommand{\m@make@fivecol@footgroup}[1]{%
7719   \@namedef{@fivecol@footgroup#1}{%
7720     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7721     \m@mrigidbalance{\@nameuse{footins#1}}{5}{\splittopskip}}}}
7722 \bidi@ensure@newcommand{\m@make@mpfivecol@footgroup}[1]{%
7723   \@namedef{@mpfivecol@footgroup#1}{%
7724     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7725     \m@mrigidbalance{\@nameuse{mpfootins#1}}{5}{\splittopskip}}}}
7726 \bidi@ensure@newcommand{\sixcolumnfootnotes}{%

```



```

7727 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7728 \let\@footnotetext\@sixcolfootnotetext
7729 \let\@LTRfootnotetext\@sixcolLTRfootnotetext
7730 \let\@RTLfootnotetext\@sixcolRTLfootnotetext
7731 \dimen\footinsv@r=6\footinsdim
7732 \count\footinsv@r=166\relax
7733 \m@make@sixcol@footgroup{v@r}%
7734 \let\@footgroupv@r\@sixcol@footgroupv@r
7735 \let\@mpfootnotetext\@mpsixcolfootnotetext
7736 \let\@mpLTRfootnotetext\@mpsixcolLTRfootnotetext
7737 \let\@mpRTLfootnotetext\@mpsixcolRTLfootnotetext
7738 \m@make@mpsixcol@footgroup{v@r}%
7739 \let\mp@footgroupv@r\@mpsixcol@footgroupv@r
7740 \bidi@ensure@newcommand{\@sixcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
7741 \def\baselinestretch{\m@m@footnote@spacing}%
7742 \reset@font\foottextfont
7743 \@preamfntext
7744 \protected@edef\@currentlabel{%
7745 \csname p@footnote\endcsname\@thefnmark}%
7746 \color@begingroup
7747 \@sixcolfootfmt{#1}%
7748 \color@endgroup}%
7749 \m@mmf@prepare}
7750 \bidi@ensure@newcommand{\@sixcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes%
7751 \def\baselinestretch{\m@m@footnote@spacing}%
7752 \reset@font\LTRfoottextfont
7753 \@preamfntext
7754 \protected@edef\@currentlabel{%
7755 \csname p@footnote\endcsname\@thefnmark}%
7756 \color@begingroup
7757 \@sixcolLTRfootfmt{#1}%
7758 \color@endgroup}%
7759 \m@mmf@prepare}
7760 \bidi@ensure@newcommand{\@sixcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7761 \def\baselinestretch{\m@m@footnote@spacing}%
7762 \reset@font\RTLfoottextfont
7763 \@preamfntext
7764 \protected@edef\@currentlabel{%
7765 \csname p@footnote\endcsname\@thefnmark}%
7766 \color@begingroup
7767 \@sixcolRTLfootfmt{#1}%
7768 \color@endgroup}%
7769 \m@mmf@prepare}
7770 \bidi@ensure@newcommand{\@preamsixfmt}{%
7771 \hsize .16\hsize
7772 \parindent=\z@
7773 \tolerance=5000\relax
7774 \leavevmode}
7775 \bidi@ensure@newcommand{\@sixcolfootfmt}[1]{%
7776 \@preamsixfmt

```

```

7777 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7778 \bidi@ensure@newcommand{\@sixcolLTRfootfmt}[1]{%
7779 \@preamsixfmt
7780 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7781 \bidi@ensure@newcommand{\@sixcolRTLfootfmt}[1]{%
7782 \@preamsixfmt
7783 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7784 \bidi@ensure@newcommand{\@mpsixcolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi
7785 \global\setbox\@mpfootinsv\@r\@vbox{%
7786 \unvbox\@mpfootinsv\@r
7787 \def\baselinestretch{\m@m@footnote@spacing}%
7788 \reset@font\foottextfont
7789 \hsize\columnwidth \@parboxrestore
7790 \protected@edef\@currentlabel{%
7791 \csname p@mpfootnote\endcsname\@thefnmark}%
7792 \color@begingroup
7793 \@sixcolfootfmt{#1}%
7794 \color@endgroup}%
7795 \m@m@mmf@prepare}
7796 \bidi@ensure@newcommand{\@mpsixcolLTRfootnotetext}[1]{\@RTLfalse%
7797 \global\setbox\@mpfootinsv\@r\@vbox{%
7798 \unvbox\@mpfootinsv\@r
7799 \def\baselinestretch{\m@m@footnote@spacing}%
7800 \reset@font\LTRfoottextfont
7801 \hsize\columnwidth \@parboxrestore
7802 \if@RTLcolumnfootnotes\beginL\fi
7803 \protected@edef\@currentlabel{%
7804 \csname p@mpfootnote\endcsname\@thefnmark}%
7805 \color@begingroup
7806 \@sixcolLTRfootfmt{#1}%
7807 \color@endgroup}%
7808 \m@m@mmf@prepare}
7809 \bidi@ensure@newcommand{\@mpsixcolRTLfootnotetext}[1]{\@RTLtrue%
7810 \global\setbox\@mpfootinsv\@r\@vbox{%
7811 \unvbox\@mpfootinsv\@r
7812 \def\baselinestretch{\m@m@footnote@spacing}%
7813 \reset@font\RTLfoottextfont
7814 \hsize\columnwidth \@parboxrestore
7815 \protected@edef\@currentlabel{%
7816 \csname p@mpfootnote\endcsname\@thefnmark}%
7817 \color@begingroup
7818 \@sixcolRTLfootfmt{#1}%
7819 \color@endgroup}%
7820 \m@m@mmf@prepare}
7821 \bidi@ensure@newcommand{\sixcolumnfootstyle}[1]{%
7822 \m@make@sixcolfootnotetext{#1}%
7823 \m@make@mpsixcolfootnotetext{#1}%
7824 \m@make@sixcolfootfmt{#1}%
7825 \m@make@sixcol@footgroup{#1}%
7826 \m@make@mpsixcol@footgroup{#1}%

```

```

7827 \m@make@footstart{#1}%
7828 \bidi@namelongdef{@footnotetext#1}##1{%
7829   \@nameuse{@sixcolfootnotetext#1}{##1}}%
7830 \bidi@namelongdef{@mpfootnotetext#1}##1{%
7831   \@nameuse{@mpsixcolfootnotetext#1}{##1}}%
7832 \@namedef{@footgroup#1}{\@nameuse{@sixcol@footgroup#1}}%
7833 \@namedef{@mp@footgroup#1}{\@nameuse{@mpsixcol@footgroup#1}}%
7834 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7835 \expandafter\count\csname footins#1\endcsname=500\relax}
7836 \bidi@ensure@newcommand{\m@make@sixcolfootnotetext}[1]{%
7837   \bidi@namelongdef{@sixcolfootnotetext#1}##1{%
7838     \insert\@nameuse{footins#1}{%
7839       \def\baselinestretch{\m@m@footnote@spacing}%
7840       \reset@font\@nameuse{foottextfont#1}%
7841       \@preamfntext
7842       \protected@edef\@currentlabel{%
7843         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7844       \color@begingroup
7845       \@nameuse{@sixcolfootfmt#1}{##1}%
7846       \color@endgroup}%
7847       \m@m@mmf@prepare}}
7848 \bidi@ensure@newcommand{\m@make@mpsixcolfootnotetext}[1]{%
7849   \bidi@namelongdef{@mpsixcolfootnotetext#1}##1{%
7850     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7851       \unvbox\@nameuse{@mpfootins#1}
7852       \def\baselinestretch{\m@m@footnote@spacing}%
7853       \reset@font\@nameuse{foottextfont#1}%
7854       \hsize\columnwidth \@parboxrestore
7855       \protected@edef\@currentlabel{%
7856         \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
7857       \color@begingroup
7858       \@nameuse{@sixcolfootfmt#1}{##1}%
7859       \color@endgroup}\m@m@mmf@prepare}}
7860 \bidi@ensure@newcommand{\m@make@sixcolfootfmt}[1]{%
7861   \@namedef{@sixcolfootfmt#1}##1{%
7862     \@preamsixfmt
7863     {\@nameuse{footfootmark#1}\strut
7864       {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
7865 \bidi@ensure@newcommand{\m@make@sixcol@footgroup}[1]{%
7866   \@namedef{@sixcol@footgroup#1}{%
7867     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7868     \m@mrigidbalance{\@nameuse{footins#1}}{6}{\splittopskip}}}%
7869 \bidi@ensure@newcommand{\m@make@mpsixcol@footgroup}[1]{%
7870   \@namedef{@mpsixcol@footgroup#1}{%
7871     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
7872     \m@mrigidbalance{\@nameuse{@mpfootins#1}}{6}{\splittopskip}}}%
7873 \bidi@ensure@newcommand{\sevendcolumnfootnotes}{%
7874   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
7875   \let\@footnotetext\@sevendcolfootnotetext
7876   \let\@LTRfootnotetext\@sevendcolLTRfootnotetext

```

```

7877 \let\@RTLfootnotetext\@sevenscolRTLfootnotetext
7878 \dimen\footinsv@r=7\footinsdim
7879 \count\footinsv@r=142\relax
7880 \m@make@sevenscol@footgroup{v@r}%
7881 \let\@footgroupv@r\@sevenscol@footgroupv@r
7882 \let\@mpfootnotetext\@mpsevenscolfootnotetext
7883 \let\@mpLTRfootnotetext\@mpsevenscolLTRfootnotetext
7884 \let\@mpRTLfootnotetext\@mpsevenscolRTLfootnotetext
7885 \m@make@mpsevenscol@footgroup{v@r}%
7886 \let\mp@footgroupv@r\@mpsevenscol@footgroupv@r}
7887 \bidi@ensure@newcommand{\@sevenscolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
7888 \def\baselinestretch{\m@m@footnote@spacing}%
7889 \reset@font\foottextfont
7890 \@preamfntext
7891 \protected@edef\@currentlabel{%
7892 \csname p@footnote\endcsname\@thefnmark}%
7893 \color@begingroup
7894 \@sevenscolfootfmt{#1}%
7895 \color@endgroup}%
7896 \m@mmf@prepare}
7897 \bidi@ensure@newcommand{\@sevenscolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
7898 \def\baselinestretch{\m@m@footnote@spacing}%
7899 \reset@font\LTRfoottextfont
7900 \@preamfntext
7901 \protected@edef\@currentlabel{%
7902 \csname p@footnote\endcsname\@thefnmark}%
7903 \color@begingroup
7904 \@sevenscolLTRfootfmt{#1}%
7905 \color@endgroup}%
7906 \m@mmf@prepare}
7907 \bidi@ensure@newcommand{\@sevenscolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
7908 \def\baselinestretch{\m@m@footnote@spacing}%
7909 \reset@font\RTLfoottextfont
7910 \@preamfntext
7911 \protected@edef\@currentlabel{%
7912 \csname p@footnote\endcsname\@thefnmark}%
7913 \color@begingroup
7914 \@sevenscolRTLfootfmt{#1}%
7915 \color@endgroup}%
7916 \m@mmf@prepare}
7917 \bidi@ensure@newcommand{\@preamsevenfmt}{%
7918 \hsize .142\hsize
7919 \parindent=\z@
7920 \tolerance=5000\relax
7921 \leavevmode}
7922 \bidi@ensure@newcommand{\@sevenscolfootfmt}[1]{%
7923 \@preamsevenfmt
7924 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
7925 \bidi@ensure@newcommand{\@sevenscolLTRfootfmt}[1]{%
7926 \@preamsevenfmt

```

```

7927 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
7928 \bidi@ensure@newcommand{\@sevendcolRTLfootfmt}[1]{%
7929 \@preamsevenfmt
7930 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
7931 \bidi@ensure@newcommand{\@mpsevencolfootnotetext}[1]{\if@RTL@footnote\@RTLtrue\else\@RTLfalse%
7932 \global\setbox\@mpfootinsv@r\vbox{%
7933 \unvbox\@mpfootinsv@r
7934 \def\baselinestretch{\m@m@footnote@spacing}%
7935 \reset@font\foottextfont
7936 \hsize\columnwidth \@parboxrestore
7937 \protected@edef\@currentlabel{%
7938 \csname p@mpfootnote\endcsname\@thefnmark}%
7939 \color@begingroup
7940 \@sevendcolfootfmt{#1}%
7941 \color@endgroup}%
7942 \m@mmf@prepare}
7943 \bidi@ensure@newcommand{\@mpsevencolLTRfootnotetext}[1]{\@RTLfalse%
7944 \global\setbox\@mpfootinsv@r\vbox{%
7945 \unvbox\@mpfootinsv@r
7946 \def\baselinestretch{\m@m@footnote@spacing}%
7947 \reset@font\LTRfoottextfont
7948 \hsize\columnwidth \@parboxrestore
7949 \if@RTLcolumnfootnotes\beginL\fi
7950 \protected@edef\@currentlabel{%
7951 \csname p@mpfootnote\endcsname\@thefnmark}%
7952 \color@begingroup
7953 \@sevendcolLTRfootfmt{#1}%
7954 \color@endgroup}%
7955 \m@mmf@prepare}
7956 \bidi@ensure@newcommand{\@mpsevencolRTLfootnotetext}[1]{\@RTLtrue%
7957 \global\setbox\@mpfootinsv@r\vbox{%
7958 \unvbox\@mpfootinsv@r
7959 \def\baselinestretch{\m@m@footnote@spacing}%
7960 \reset@font\RTLfoottextfont
7961 \hsize\columnwidth \@parboxrestore
7962 \protected@edef\@currentlabel{%
7963 \csname p@mpfootnote\endcsname\@thefnmark}%
7964 \color@begingroup
7965 \@sevendcolRTLfootfmt{#1}%
7966 \color@endgroup}%
7967 \m@mmf@prepare}
7968 \bidi@ensure@newcommand{\sevendcolumnfootstyle}[1]{%
7969 \m@make@sevendcolfootnotetext{#1}%
7970 \m@make@mpsevencolfootnotetext{#1}%
7971 \m@make@sevendcolfootfmt{#1}%
7972 \m@make@sevendcol@footgroup{#1}%
7973 \m@make@mpsevencol@footgroup{#1}%
7974 \m@make@footstart{#1}%
7975 \bidi@namelongdef{\footnotetext#1}##1{%
7976 \@nameuse{\@sevendcolfootnotetext#1}{##1}}%

```

```

7977 \bidi@namelongdef{@mpfootnotetext#1}##1{%
7978 \@nameuse{@mpsevenscolfootnotetext#1}{##1}}%
7979 \@namedef{@footgroup#1}{\@nameuse{@sevenscol@footgroup#1}}%
7980 \@namedef{mp@footgroup#1}{\@nameuse{@mpsevenscol@footgroup#1}}%
7981 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
7982 \expandafter\count\csname footins#1\endcsname=500\relax}
7983 \bidi@ensure@newcommand{\m@make@sevenscolfootnotetext}[1]{%
7984 \bidi@namelongdef{@sevenscolfootnotetext#1}##1{%
7985 \insert\@nameuse{footins#1}{%
7986 \def\baselinestretch{\m@footnote@spacing}%
7987 \reset@font\@nameuse{foottextfont#1}%
7988 \@preamfntext
7989 \protected@edef\@currentlabel{%
7990 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
7991 \color@begingroup
7992 \@nameuse{@sevenscolfootfmt#1}{##1}%
7993 \color@endgroup}%
7994 \m@mmf@prepare}}
7995 \bidi@ensure@newcommand{\m@make@mpsevenscolfootnotetext}[1]{%
7996 \bidi@namelongdef{@mpsevenscolfootnotetext#1}##1{%
7997 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
7998 \unvbox\@nameuse{@mpfootins#1}
7999 \def\baselinestretch{\m@footnote@spacing}%
8000 \reset@font\@nameuse{foottextfont#1}%
8001 \hsize\columnwidth \@parboxrestore
8002 \protected@edef\@currentlabel{%
8003 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8004 \color@begingroup
8005 \@nameuse{@sevenscolfootfmt#1}{##1}%
8006 \color@endgroup}\m@mmf@prepare}}
8007 \bidi@ensure@newcommand{\m@make@sevenscolfootfmt}[1]{%
8008 \@namedef{@sevenscolfootfmt#1}##1{%
8009 \@preamsevenfmt
8010 {\@nameuse{footfootmark#1}\strut
8011 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8012 \bidi@ensure@newcommand{\m@make@sevenscol@footgroup}[1]{%
8013 \@namedef{@sevenscol@footgroup#1}{%
8014 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8015 \m@mrigidbodybalance{\@nameuse{footins#1}}{7}{\splittopskip}}}}
8016 \bidi@ensure@newcommand{\m@make@mpsevenscol@footgroup}[1]{%
8017 \@namedef{@mpsevenscol@footgroup#1}{%
8018 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8019 \m@mrigidbodybalance{\@nameuse{@mpfootins#1}}{7}{\splittopskip}}}}
8020 \bidi@ensure@newcommand{\eightcolumnfootnotes}{%
8021 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8022 \let\@footnotetext\@eightcolfootnotetext
8023 \let\@LTRfootnotetext\@eightcolLTRfootnotetext
8024 \let\@RTLfootnotetext\@eightcolRTLfootnotetext
8025 \dimen\footinsv@r=8\footinsdim
8026 \count\footinsv@r=125\relax

```

```

8027 \m@make@eightcol@footgroup{v@r}%
8028 \let\@footgroupv@r\@eightcol@footgroupv@r
8029 \let\@mpfootnotetext\@mpeightcolfootnotetext
8030 \let\@mpLTRfootnotetext\@mpeightcolLTRfootnotetext
8031 \let\@mpRTLfootnotetext\@mpeightcolRTLfootnotetext
8032 \m@make@mpeightcol@footgroup{v@r}%
8033 \let\mp@footgroupv@r\@mpeightcol@footgroupv@r
8034 \bidi@ensure@newcommand{\@eightcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtr
8035 \def\baselinestretch{\m@m@footnote@spacing}%
8036 \reset@font\foottextfont
8037 \@preamfntext
8038 \protected@edef\@currentlabel{%
8039 \csname p@footnote\endcsname\@thefnmark}%
8040 \color@begingroup
8041 \@eightcolfootfmt{#1}%
8042 \color@endgroup}%
8043 \m@mmf@prepare}
8044 \bidi@ensure@newcommand{\@eightcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnot
8045 \def\baselinestretch{\m@m@footnote@spacing}%
8046 \reset@font\LTRfoottextfont
8047 \@preamfntext
8048 \protected@edef\@currentlabel{%
8049 \csname p@footnote\endcsname\@thefnmark}%
8050 \color@begingroup
8051 \@eightcolLTRfootfmt{#1}%
8052 \color@endgroup}%
8053 \m@mmf@prepare}
8054 \bidi@ensure@newcommand{\@eightcolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8055 \def\baselinestretch{\m@m@footnote@spacing}%
8056 \reset@font\RTLfoottextfont
8057 \@preamfntext
8058 \protected@edef\@currentlabel{%
8059 \csname p@footnote\endcsname\@thefnmark}%
8060 \color@begingroup
8061 \@eightcolRTLfootfmt{#1}%
8062 \color@endgroup}%
8063 \m@mmf@prepare}
8064 \bidi@ensure@newcommand{\@preameightfmt}{%
8065 \hspace{.125\hspace}
8066 \parindent=\z@
8067 \tolerance=5000\relax
8068 \leavevmode}
8069 \bidi@ensure@newcommand{\@eightcolfootfmt}[1]{%
8070 \@preameightfmt
8071 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8072 \bidi@ensure@newcommand{\@eightcolLTRfootfmt}[1]{%
8073 \@preameightfmt
8074 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8075 \bidi@ensure@newcommand{\@eightcolRTLfootfmt}[1]{%
8076 \@preameightfmt

```

```

8077 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8078 \bidi@ensure@newcommand{\@mpeightcolfootnotetext}[1]{%
8079 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8080 \unvbox\@mpfootinsv@r
8081 \def\baselinestretch{\m@m@footnote@spacing}%
8082 \reset@font\foottextfont
8083 \hsize\columnwidth \@parboxrestore
8084 \protected@edef\@currentlabel{%
8085 \csname p@mpfootnote\endcsname\@thefnmark}%
8086 \color@begingroup
8087 \@eightcolfootfmt{#1}%
8088 \color@endgroup}%
8089 \m@m@m@prepare}
8090 \bidi@ensure@newcommand{\@mpeightcolLTRfootnotetext}[1]{%
8091 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8092 \unvbox\@mpfootinsv@r
8093 \def\baselinestretch{\m@m@footnote@spacing}%
8094 \reset@font\LTRfoottextfont
8095 \hsize\columnwidth \@parboxrestore
8096 \if@RTLcolumnfootnotes\beginL\fi
8097 \protected@edef\@currentlabel{%
8098 \csname p@mpfootnote\endcsname\@thefnmark}%
8099 \color@begingroup
8100 \@eightcolLTRfootfmt{#1}%
8101 \color@endgroup}%
8102 \m@m@m@prepare}
8103 \bidi@ensure@newcommand{\@mpeightcolRTLfootnotetext}[1]{%
8104 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8105 \unvbox\@mpfootinsv@r
8106 \def\baselinestretch{\m@m@footnote@spacing}%
8107 \reset@font\RTLfoottextfont
8108 \hsize\columnwidth \@parboxrestore
8109 \protected@edef\@currentlabel{%
8110 \csname p@mpfootnote\endcsname\@thefnmark}%
8111 \color@begingroup
8112 \@eightcolRTLfootfmt{#1}%
8113 \color@endgroup}%
8114 \m@m@m@prepare}
8115 \bidi@ensure@newcommand{\eightcolumnfootstyle}[1]{%
8116 \m@make@eightcolfootnotetext{#1}%
8117 \m@make@mpeightcolfootnotetext{#1}%
8118 \m@make@eightcolfootfmt{#1}%
8119 \m@make@eightcol@footgroup{#1}%
8120 \m@make@mpeightcol@footgroup{#1}%
8121 \m@make@footstart{#1}%
8122 \bidi@namelongdef{\footnotetext#1}##1{%
8123 \@nameuse{\@eightcolfootnotetext#1}{##1}}%
8124 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8125 \@nameuse{\@mpeightcolfootnotetext#1}{##1}}%
8126 \@namedef{\@footgroup#1}{\@nameuse{\@eightcol@footgroup#1}}%

```



```

8127 \@namedef{mp@footgroup#1}{\@nameuse{@mpeightcol@footgroup#1}}%
8128 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8129 \expandafter\count\csname footins#1\endcsname=500\relax}
8130 \bidi@ensure@newcommand{\m@make@eightcolfootnotetext}[1]{%
8131 \bidi@namelongdef{@eightcolfootnotetext#1}##1{%
8132 \insert\@nameuse{footins#1}{%
8133 \def\baselinestretch{\m@m@footnote@spacing}%
8134 \reset@font\@nameuse{foottextfont#1}%
8135 \@preamfntext
8136 \protected@edef\@currentlabel{%
8137 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8138 \color@begingroup
8139 \@nameuse{@eightcolfootfmt#1}##1}%
8140 \color@endgroup}%
8141 \m@mmf@prepare}}
8142 \bidi@ensure@newcommand{\m@make@mpeightcolfootnotetext}[1]{%
8143 \bidi@namelongdef{@mpeightcolfootnotetext#1}##1{%
8144 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8145 \unvbox\@nameuse{@mpfootins#1}
8146 \def\baselinestretch{\m@m@footnote@spacing}%
8147 \reset@font\@nameuse{foottextfont#1}%
8148 \hsize\columnwidth \@parboxrestore
8149 \protected@edef\@currentlabel{%
8150 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8151 \color@begingroup
8152 \@nameuse{@eightcolfootfmt#1}##1}%
8153 \color@endgroup}\m@mmf@prepare}}
8154 \bidi@ensure@newcommand{\m@make@eightcolfootfmt}[1]{%
8155 \@namedef{@eightcolfootfmt#1}##1{%
8156 \@preameightfmt
8157 {\@nameuse{footfootmark#1}\strut
8158 {\@nameuse{foottextfont#1}##1}\strut\par}\allowbreak}}
8159 \bidi@ensure@newcommand{\m@make@eightcol@footgroup}[1]{%
8160 \@namedef{@eightcol@footgroup#1}{%
8161 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8162 \m@mrigidbalance{\@nameuse{footins#1}}{8}{\splittopskip}}}}
8163 \bidi@ensure@newcommand{\m@make@mpeightcol@footgroup}[1]{%
8164 \@namedef{@mpeightcol@footgroup#1}{%
8165 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8166 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{8}{\splittopskip}}}}
8167 \bidi@ensure@newcommand{\necolumnfootnotes}{%
8168 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8169 \let\@footnotetext\@ninecolfootnotetext
8170 \let\@LTRfootnotetext\@ninecolLTRfootnotetext
8171 \let\@RTLfootnotetext\@ninecolRTLfootnotetext
8172 \dimen\footinsv@r=9\footinsdim
8173 \count\footinsv@r=111\relax
8174 \m@make@ninecol@footgroup{v@r}%
8175 \let\@footgroupv@r\@ninecol@footgroupv@r
8176 \let\@mpfootnotetext\@mpninecolfootnotetext

```

```

8177 \let\@mpLTRfootnotetext\@mpninelcolLTRfootnotetext
8178 \let\@mpRTLfootnotetext\@mpninelcolRTLfootnotetext
8179 \m@make@mpninelcol@footgroup{v@r}%
8180 \let\mp@footgroupv@r\@mpninelcol@footgroupv@r}
8181 \bidi@ensure@newcommand{\@ninelcolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtru
8182 \def\baselinestretch{\m@m@footnote@spacing}%
8183 \reset@font\foottextfont
8184 \@preamfntext
8185 \protected@edef\@currentlabel{%
8186 \csname p@footnote\endcsname\@thefnmark}%
8187 \color@begingroup
8188 \@ninelcolfootfmt{#1}%
8189 \color@endgroup}%
8190 \m@mmf@prepare}
8191 \bidi@ensure@newcommand{\@ninelcolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnote
8192 \def\baselinestretch{\m@m@footnote@spacing}%
8193 \reset@font\LTRfoottextfont
8194 \@preamfntext
8195 \protected@edef\@currentlabel{%
8196 \csname p@footnote\endcsname\@thefnmark}%
8197 \color@begingroup
8198 \@ninelcolLTRfootfmt{#1}%
8199 \color@endgroup}%
8200 \m@mmf@prepare}
8201 \bidi@ensure@newcommand{\@ninelcolRTLfootnotetext}[1]{\insert\footinsv@r{\if@RTLtrue%
8202 \def\baselinestretch{\m@m@footnote@spacing}%
8203 \reset@font\RTLfoottextfont
8204 \@preamfntext
8205 \protected@edef\@currentlabel{%
8206 \csname p@footnote\endcsname\@thefnmark}%
8207 \color@begingroup
8208 \@ninelcolRTLfootfmt{#1}%
8209 \color@endgroup}%
8210 \m@mmf@prepare}
8211 \bidi@ensure@newcommand{\@preamninefmt}{%
8212 \hspace{.1\hspace}
8213 \parindent=\z@
8214 \tolerance=5000\relax
8215 \leavevmode}
8216 \bidi@ensure@newcommand{\@ninelcolfootfmt}[1]{%
8217 \@preamninefmt
8218 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8219 \bidi@ensure@newcommand{\@ninelcolLTRfootfmt}[1]{%
8220 \@preamninefmt
8221 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8222 \bidi@ensure@newcommand{\@ninelcolRTLfootfmt}[1]{%
8223 \@preamninefmt
8224 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8225 \bidi@ensure@newcommand{\@mpninelcolfootnotetext}[1]{%
8226 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%

```

```

8227 \unvbox\@mpfootinsv@r
8228 \def\baselinestretch{\m@m@footnote@spacing}%
8229 \reset@font\foottextfont
8230 \hsize\columnwidth \@parboxrestore
8231 \protected@edef\@currentlabel{%
8232 \csname p@mpfootnote\endcsname\@thefnmark}%
8233 \color@begingroup
8234 \@ninecolfootfmt{#1}%
8235 \color@endgroup}%
8236 \m@m@m@prepare}
8237 \bidi@ensure@newcommand{\@mpninecolLTRfootnotetext}[1]{%
8238 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8239 \unvbox\@mpfootinsv@r
8240 \def\baselinestretch{\m@m@footnote@spacing}%
8241 \reset@font\LTRfoottextfont
8242 \hsize\columnwidth \@parboxrestore
8243 \if@RTLcolumnfootnotes\beginL\fi
8244 \protected@edef\@currentlabel{%
8245 \csname p@mpfootnote\endcsname\@thefnmark}%
8246 \color@begingroup
8247 \@ninecolLTRfootfmt{#1}%
8248 \color@endgroup}%
8249 \m@m@m@prepare}
8250 \bidi@ensure@newcommand{\@mpninecolRTLfootnotetext}[1]{%
8251 \global\setbox\@mpfootinsv@r\vbox{\@RTLtrue%
8252 \unvbox\@mpfootinsv@r
8253 \def\baselinestretch{\m@m@footnote@spacing}%
8254 \reset@font\RTLfoottextfont
8255 \hsize\columnwidth \@parboxrestore
8256 \protected@edef\@currentlabel{%
8257 \csname p@mpfootnote\endcsname\@thefnmark}%
8258 \color@begingroup
8259 \@ninecolRTLfootfmt{#1}%
8260 \color@endgroup}%
8261 \m@m@m@prepare}
8262 \bidi@ensure@newcommand{\@ninecolumnfootstyle}[1]{%
8263 \m@make@ninecolfootnotetext{#1}%
8264 \m@make@mpninecolfootnotetext{#1}%
8265 \m@make@ninecolfootfmt{#1}%
8266 \m@make@ninecol@footgroup{#1}%
8267 \m@make@mpninecol@footgroup{#1}%
8268 \m@make@footstart{#1}%
8269 \bidi@namelongdef{\@footnotetext#1}##1{%
8270 \@nameuse{\@ninecolfootnotetext#1}{##1}}%
8271 \bidi@namelongdef{\@mpfootnotetext#1}##1{%
8272 \@nameuse{\@mpninecolfootnotetext#1}{##1}}%
8273 \@namedef{\@footgroup#1}{\@nameuse{\@ninecol@footgroup#1}}%
8274 \@namedef{\mp@footgroup#1}{\@nameuse{\@mpninecol@footgroup#1}}%
8275 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8276 \expandafter\count\csname footins#1\endcsname=500\relax}

```

```

8277 \bidi@ensure@newcommand{\m@make@ninecolfootnotetext}[1]{%
8278   \bidi@namelongdef{@ninecolfootnotetext#1}##1{%
8279     \insert@nameuse{footins#1}{%
8280       \def\baselinestretch{\m@make@footnote@spacing}%
8281       \reset@font\@nameuse{foottextfont#1}%
8282       \@preamfntext
8283       \protected@edef\@currentlabel{%
8284         \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8285       \color@begingroup
8286         \@nameuse{@ninecolfootfmt#1}{##1}%
8287       \color@endgroup}%
8288     \m@mmf@prepare}}
8289 \bidi@ensure@newcommand{\m@make@mpninecolfootnotetext}[1]{%
8290   \bidi@namelongdef{@mpninecolfootnotetext#1}##1{%
8291     \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8292       \unvbox\@nameuse{@mpfootins#1}
8293       \def\baselinestretch{\m@make@footnote@spacing}%
8294       \reset@font\@nameuse{foottextfont#1}%
8295       \hsize\columnwidth \@parboxrestore
8296       \protected@edef\@currentlabel{%
8297         \csname p@mpfootnote#1\endcsname \@nameuse{@thefnmark#1}}%
8298       \color@begingroup
8299         \@nameuse{@ninecolfootfmt#1}{##1}%
8300       \color@endgroup}\m@mmf@prepare}}
8301 \bidi@ensure@newcommand{\m@make@ninecolfootfmt}[1]{%
8302   \@namedef{@ninecolfootfmt#1}##1{%
8303     \@preamninefmt
8304     {\@nameuse{footfootmark#1}\strut
8305      {\@nameuse{foottextfont#1}##1}\strut\par\allowbreak}}
8306 \bidi@ensure@newcommand{\m@make@ninecol@footgroup}[1]{%
8307   \@namedef{@ninecol@footgroup#1}{%
8308     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8309     \m@mrigidbalance{\@nameuse{footins#1}}{9}{\splittopskip}}}%
8310 \bidi@ensure@newcommand{\m@make@mpninecol@footgroup}[1]{%
8311   \@namedef{@mpninecol@footgroup#1}{%
8312     \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8313     \m@mrigidbalance{\@nameuse{mpfootins#1}}{9}{\splittopskip}}}%
8314 \bidi@ensure@newcommand{\tencolumnfootnotes}{%
8315   \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8316   \let\@footnotetext\@tencolfootnotetext
8317   \let\@LTRfootnotetext\@tencolLTRfootnotetext
8318   \let\@RTLfootnotetext\@tencolRTLfootnotetext
8319   \dimen\footinsv@r=10\footinsdim
8320   \count\footinsv@r=100\relax
8321   \m@make@tencol@footgroup{v@r}%
8322   \let\@footgroupv@r\@tencol@footgroupv@r
8323   \let\@mpfootnotetext\@mptencolfootnotetext
8324   \let\@mpLTRfootnotetext\@mptencolLTRfootnotetext
8325   \let\@mpRTLfootnotetext\@mptencolRTLfootnotetext
8326   \m@make@mptencol@footgroup{v@r}%

```

```

8327 \let\mp@footgroupv@r\@mptencol@footgroupv@r}
8328 \bidi@ensure@newcommand{\@tencolfootnotetext}[1]{\insert\footinsv@r{\if@RTL@footnote\@RTLtrue%
8329 \def\baselinestretch{\m@m@footnote@spacing}%
8330 \reset@font\foottextfont
8331 \@preamfntext
8332 \protected@edef\@currentlabel{%
8333 \csname p@footnote\endcsname\@thefnmark}%
8334 \color@begingroup
8335 \@tencolfootfmt{#1}%
8336 \color@endgroup}%
8337 \m@mmf@prepare}
8338 \bidi@ensure@newcommand{\@tencolLTRfootnotetext}[1]{\insert\footinsv@r{\if@RTLcolumnfootnotes%
8339 \def\baselinestretch{\m@m@footnote@spacing}%
8340 \reset@font\LTRfoottextfont
8341 \@preamfntext
8342 \protected@edef\@currentlabel{%
8343 \csname p@footnote\endcsname\@thefnmark}%
8344 \color@begingroup
8345 \@tencolLTRfootfmt{#1}%
8346 \color@endgroup}%
8347 \m@mmf@prepare}
8348 \bidi@ensure@newcommand{\@tencolRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLtrue%
8349 \def\baselinestretch{\m@m@footnote@spacing}%
8350 \reset@font\RTLfoottextfont
8351 \@preamfntext
8352 \protected@edef\@currentlabel{%
8353 \csname p@footnote\endcsname\@thefnmark}%
8354 \color@begingroup
8355 \@tencolRTLfootfmt{#1}%
8356 \color@endgroup}%
8357 \m@mmf@prepare}
8358 \bidi@ensure@newcommand{\@preamtenfmt}{%
8359 \hsize .1\hsize
8360 \parindent=\z@
8361 \tolerance=5000\relax
8362 \leavevmode}
8363 \bidi@ensure@newcommand{\@tencolfootfmt}[1]{%
8364 \@preamtenfmt
8365 {\footfootmark\strut {\foottextfont #1}\strut\par}\allowbreak}
8366 \bidi@ensure@newcommand{\@tencolLTRfootfmt}[1]{%
8367 \@preamtenfmt
8368 {\footfootmark\strut {\LTRfoottextfont #1}\strut\par}\allowbreak}
8369 \bidi@ensure@newcommand{\@tencolRTLfootfmt}[1]{%
8370 \@preamtenfmt
8371 {\footfootmark\strut {\RTLfoottextfont #1}\strut\par}\allowbreak}
8372 \bidi@ensure@newcommand{\@mptencolfootnotetext}[1]{%
8373 \global\setbox\@mpfootinsv@r\vbox{\if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
8374 \unvbox\@mpfootinsv@r
8375 \def\baselinestretch{\m@m@footnote@spacing}%
8376 \reset@font\foottextfont

```

```

8377 \hsize\columnwidth \@parboxrestore
8378 \protected@edef\@currentlabel{%
8379 \csname p@mpfootnote\endcsname\@thefnmark}%
8380 \color@begingroup
8381 \@tencolfootfmt{#1}%
8382 \color@endgroup}%
8383 \m@mmf@prepare}
8384 \bidi@ensure@newcommand{\@mptencolLTRfootnotetext}[1]{%
8385 \global\setbox\@mpfootinsv\@vbox{\@RTLfalse%
8386 \unvbox\@mpfootinsv@r
8387 \def\baselinestretch{\m@mm@footnote@spacing}%
8388 \reset@font\LTRfoottextfont
8389 \hsize\columnwidth \@parboxrestore
8390 \if@RTLcolumnfootnotes\beginL\fi
8391 \protected@edef\@currentlabel{%
8392 \csname p@mpfootnote\endcsname\@thefnmark}%
8393 \color@begingroup
8394 \@tencolLTRfootfmt{#1}%
8395 \color@endgroup}%
8396 \m@mmf@prepare}
8397 \bidi@ensure@newcommand{\@mptencolRTLfootnotetext}[1]{%
8398 \global\setbox\@mpfootinsv\@vbox{\@RTLtrue%
8399 \unvbox\@mpfootinsv@r
8400 \def\baselinestretch{\m@mm@footnote@spacing}%
8401 \reset@font\RTLfoottextfont
8402 \hsize\columnwidth \@parboxrestore
8403 \protected@edef\@currentlabel{%
8404 \csname p@mpfootnote\endcsname\@thefnmark}%
8405 \color@begingroup
8406 \@tencolRTLfootfmt{#1}%
8407 \color@endgroup}%
8408 \m@mmf@prepare}
8409 \bidi@ensure@newcommand{\tencolumnfootstyle}[1]{%
8410 \m@make@tencolfootnotetext{#1}%
8411 \m@make@mptencolfootnotetext{#1}%
8412 \m@make@tencolfootfmt{#1}%
8413 \m@make@tencol@footgroup{#1}%
8414 \m@make@mptencol@footgroup{#1}%
8415 \m@make@footstart{#1}%
8416 \bidi@namelongdef{\footnotetext#1}##1{%
8417 \@nameuse{\tencolfootnotetext#1}{##1}}%
8418 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8419 \@nameuse{\mptencolfootnotetext#1}{##1}}%
8420 \@namedef{\footgroup#1}{\@nameuse{\tencol@footgroup#1}}%
8421 \@namedef{\mpfootgroup#1}{\@nameuse{\mptencol@footgroup#1}}%
8422 \expandafter\dimen\csname footins#1\endcsname=2\footinsdim
8423 \expandafter\count\csname footins#1\endcsname=500\relax}
8424 \bidi@ensure@newcommand{\m@make@tencolfootnotetext}[1]{%
8425 \bidi@namelongdef{\tencolfootnotetext#1}##1{%
8426 \insert\@nameuse{footins#1}{%

```

```

8427 \def\baselinestretch{\m@m@footnote@spacing}%
8428 \reset@font\@nameuse{foottextfont#1}%
8429 \@preamfntext
8430 \protected@edef\@currentlabel{%
8431 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8432 \color@begingroup
8433 \@nameuse{@tencolfootfmt#1}{##1}%
8434 \color@endgroup}%
8435 \m@mmf@prepare}}
8436 \bidi@ensure@newcommand{\m@make@mptencolfootnotetext}[1]{%
8437 \bidi@namelongdef\@mptencolfootnotetext#1}{##1}%
8438 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8439 \unvbox\@nameuse{@mpfootins#1}
8440 \def\baselinestretch{\m@m@footnote@spacing}%
8441 \reset@font\@nameuse{foottextfont#1}%
8442 \hsize\columnwidth \@parboxrestore
8443 \protected@edef\@currentlabel{%
8444 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8445 \color@begingroup
8446 \@nameuse{@tencolfootfmt#1}{##1}%
8447 \color@endgroup}\m@mmf@prepare}}
8448 \bidi@ensure@newcommand{\m@make@tencolfootfmt}[1]{%
8449 \@namedef{@tencolfootfmt#1}{##1}%
8450 \@preamtenfmt
8451 {\@nameuse{footfootmark#1}\strut
8452 {\@nameuse{foottextfont#1}{##1}\strut\par}\allowbreak}}
8453 \bidi@ensure@newcommand{\m@make@tencol@footgroup}[1]{%
8454 \@namedef{@tencol@footgroup#1}{%
8455 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8456 \m@mrigidbalance{\@nameuse{footins#1}}{10}{\splittopskip}}}}
8457 \bidi@ensure@newcommand{\m@make@mptencol@footgroup}[1]{%
8458 \@namedef{@mptencol@footgroup#1}{%
8459 \@nameuse{foottextfont#1} \splittopskip=\ht\strutbox
8460 \m@mrigidbalance{\@nameuse{@mpfootins#1}}{10}{\splittopskip}}}}
8461 \bidi@ensure@newcommand{\m@munvxh}[1]{%
8462 \setbox0=\vbox{\unvbox#1%
8463 \global\setbox1=\lastbox}%
8464 \unhbox1
8465 \unskip
8466 \unskip
8467 \unpenalty
8468 \hskip\m@mipn@skip}
8469 \bidi@ensure@newcommand{\m@mungebox}{%
8470 \setbox0=\hbox{\m@munvxh0}%
8471 \dp0=\z@
8472 \ht0=\footfudgefactor\wd0
8473 \box0
8474 \penalty0}
8475 \newskip\m@mipn@skip
8476 \bidi@ensure@newcommand*\{\m@minterparanoteglue}[1]{%

```

```

8477 {\foottextfont\global\m@mipn@skip=#1\relax}}
8478 \m@minterparanoteglue{1em plus.4em minus.4em}
8479 \@ifpackageloaded{multicol}{%
8480 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8481 \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8482 \hsize\textwidth%
8483 \setbox0=\hbox{}}%
8484 \loop
8485 \unpenalty
8486 \setbox2=\lastbox
8487 \ifhbox2
8488 \setbox0=\hbox{\box2\unhbox0}
8489 \repeat}
8490 }{%
8491 \bidi@ensure@newcommand*{\m@mmakehboxofhboxes}{%
8492 \if@parafootRTL\@RTLtrue\else\@RTLfalse\fi%
8493 \setbox0=\hbox{}}%
8494 \loop
8495 \unpenalty
8496 \setbox2=\lastbox
8497 \ifhbox2
8498 \setbox0=\hbox{\box2\unhbox0}
8499 \repeat}}
8500 \bidi@ensure@newcommand*{\m@mremovehboxes}{\setbox0=\lastbox
8501 \ifhbox0{\m@mremovehboxes}\unhbox0 \fi}
8502 \bidi@ensure@newcommand*{\footfudgefiddle}{64}
8503 \bidi@ensure@newcommand{\paragraphfootnotes}{%
8504 \@namedef{foottextfontv@r}{\foottextfont}% % [RS]
8505 \let\@footnotetext\@parafootnotetext
8506 \let\@LTRfootnotetext\@paraLTRfootnotetext
8507 \let\@RTLfootnotetext\@paraRTLfootnotetext
8508 \dimen\footinsv@r=\footinsdim
8509 \count\footinsv@r=1000\relax
8510 \m@make@para@footgroup{v@r}%
8511 \let\@footgroupv@r\@para@footgroupv@r
8512 \let\@mpfootnotetext\@mpparafootnotetext
8513 \let\@mpLTRfootnotetext\@mpparaLTRfootnotetext
8514 \let\@mpRTLfootnotetext\@mpparaRTLfootnotetext
8515 \m@make@mppara@footgroup{v@r}%
8516 \let\mp@footgroupv@r\@mppara@footgroupv@r
8517 {\foottextfont
8518 \dimen0=\baselineskip
8519 \multiply\dimen0 by 1024
8520 \divide\dimen0 by \hsize \multiply\dimen0 by \footfudgefiddle
8521 \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }}
8522 \bidi@ensure@newcommand{\@parafootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8523 \def\baselinestretch{\m@m@footnote@spacing}%
8524 \reset@font\foottextfont
8525 \@preamfntext
8526 \protected@edef\@currentlabel{%

```



```

8527 \csname p@footnote\endcsname\@thefnmark}%
8528 \setbox0=\vbox{\hsize=\maxdimen
8529 \color@begingroup
8530 \noindent \@parafootfmt{\if@RTL@footnote\beginR\else\beginL\fi#1\if@RTL@footnote\endR\else\beginL\fi#1\if@RTL@footnote\endR}%
8531 \color@endgroup}%
8532 \m@mungebox}\m@mmf@prepare}
8533 \bidi@ensure@newcommand{\@paraLTRfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8534 \def\baselinestretch{\m@m@footnote@spacing}%
8535 \reset@font\LTRfoottextfont
8536 \@preamfntext
8537 \protected@edef\@currentlabel{%
8538 \csname p@footnote\endcsname\@thefnmark}%
8539 \setbox0=\vbox{\hsize=\maxdimen
8540 \color@begingroup
8541 \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8542 \color@endgroup}%
8543 \m@mungebox}\m@mmf@prepare}
8544 \bidi@ensure@newcommand{\@paraRTLfootnotetext}[1]{\insert\footinsv@r{\@RTLfalse
8545 \def\baselinestretch{\m@m@footnote@spacing}%
8546 \reset@font\RTLfoottextfont
8547 \@preamfntext
8548 \protected@edef\@currentlabel{%
8549 \csname p@footnote\endcsname\@thefnmark}%
8550 \setbox0=\vbox{\hsize=\maxdimen
8551 \color@begingroup
8552 \noindent \@paraRTLfootfmt{\beginR#1\endR}%
8553 \color@endgroup}%
8554 \m@mungebox}\m@mmf@prepare}
8555 \bidi@ensure@newcommand{\@parafootfmt}[1]{%
8556 \parindent=\z@
8557 \parfillskip=0pt \@plus 1fil
8558 {\footfootmark\strut {\foottextfont #1}\penalty-10}}
8559 \bidi@ensure@newcommand{\@paraLTRfootfmt}[1]{%
8560 \parindent=\z@
8561 \parfillskip=0pt \@plus 1fil
8562 {\footfootmark\strut {\LTRfoottextfont #1}\penalty-10}}
8563 \bidi@ensure@newcommand{\@paraRTLfootfmt}[1]{%
8564 \parindent=\z@
8565 \parfillskip=0pt \@plus 1fil
8566 {\footfootmark\strut {\RTLfoottextfont #1}\penalty-10}}
8567 \bidi@ensure@newcommand{\@mpparafootnotetext}[1]{%
8568 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8569 \unvbox\@mpfootinsv@r
8570 \def\baselinestretch{\m@m@footnote@spacing}%
8571 \reset@font\foottextfont
8572 \hsize\columnwidth \@parboxrestore
8573 \protected@edef\@currentlabel{%
8574 \csname p@mpfootnote\endcsname\@thefnmark}%
8575 \setbox0=\vbox{\hsize=\maxdimen
8576 \color@begingroup

```

```

8577 \noindent \@parafootfmt{\ifRTL@footnote\beginR\else\beginL\fi#1\ifRTL@footnote\endR\else\endL}%
8578 \color@endgroup}%
8579 \m@mungebox}\m@mmf@prepare}
8580 \bidi@ensure@newcommand{\@mpparaLTRfootnotetext}[1]{%
8581 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8582 \unvbox\@mpfootinsv@r
8583 \def\baselinestretch{\m@m@footnote@spacing}%
8584 \reset@font\LTRfoottextfont
8585 \hsize\columnwidth \@parboxrestore
8586 \protected@edef\@currentlabel{%
8587 \csname p@mpfootnote\endcsname\@thefnmark}%
8588 \setbox0=\vbox{\hsize=\maxdimen
8589 \color@begingroup
8590 \noindent \@paraLTRfootfmt{\beginL#1\endL}%
8591 \color@endgroup}%
8592 \m@mungebox}\m@mmf@prepare}
8593 \bidi@ensure@newcommand{\@mpparaRTLfootnotetext}[1]{%
8594 \global\setbox\@mpfootinsv@r\vbox{\@RTLfalse%
8595 \unvbox\@mpfootinsv@r
8596 \def\baselinestretch{\m@m@footnote@spacing}%
8597 \reset@font\RTLfoottextfont
8598 \hsize\columnwidth \@parboxrestore
8599 \protected@edef\@currentlabel{%
8600 \csname p@mpfootnote\endcsname\@thefnmark}%
8601 \setbox0=\vbox{\hsize=\maxdimen
8602 \color@begingroup
8603 \noindent \@paraRTLfootfmt{\beginR#1\endR}%
8604 \color@endgroup}%
8605 \m@mungebox}\m@mmf@prepare}
8606 \bidi@ensure@newcommand{\paragraphfootstyle}[1]{%
8607 \m@make@parafootnotetext{#1}%
8608 \m@make@mpparafootnotetext{#1}%
8609 \m@make@parafootfmt{#1}%
8610 \m@make@para@footgroup{#1}%
8611 \m@make@mppara@footgroup{#1}%
8612 \m@make@para@footstart{#1}%
8613 \bidi@namelongdef{\footnotetext#1}##1{%
8614 \@nameuse{\@parafootnotetext#1}{##1}}%
8615 \bidi@namelongdef{\mpfootnotetext#1}##1{%
8616 \@nameuse{\@mpparafootnotetext#1}{##1}}%
8617 \@namedef{\@footgroup#1}{\@nameuse{\@para@footgroup#1}}%
8618 \@namedef{\mp@footgroup#1}{\@nameuse{\@mppara@footgroup#1}}%
8619 \@namedef{\@footstart#1}{\@nameuse{\@para@footstart#1}}%
8620 \expandafter\dimen\csname footins#1\endcsname=\footinsdim
8621 \expandafter\count\csname footins#1\endcsname=1000\relax
8622 {\@nameuse{\foottextfont#1}%
8623 \dimen0=\baselineskip
8624 \multiply\dimen0 by 1024
8625 \divide\dimen0 by \hsize \multiply\dimen0 by 64
8626 \xdef\footfudgefactor{\expandafter\strip@pt\dimen0 }}

```

```

8627 \bidi@ensure@newcommand{\m@make@parafootnotetext}[1]{%
8628 \bidi@namelongdef{@parafootnotetext#1}##1{%
8629 \insert\@nameuse{footins#1}{
8630 \def\baselinestretch{\m@m@footnote@spacing}%
8631 \reset@font\@nameuse{foottextfont#1}%
8632 \@preamfntext
8633 \protected@edef\@currentlabel{%
8634 \csname p@footnote#1\endcsname \@nameuse{@thefnmark#1}}%
8635 \setbox0=\vbox{\hsize=\maxdimen
8636 \color@begingroup
8637 \noindent \@nameuse{@parafootfmt#1}{##1}%
8638 \color@endgroup}%
8639 \m@mungebox}\m@mmf@prepare}}
8640 \bidi@ensure@newcommand{\m@make@mpparafootnotetext}[1]{%
8641 \bidi@namelongdef{@mpparafootnotetext#1}##1{%
8642 \global\setbox\@nameuse{@mpfootins#1}\vbox{%
8643 \unvbox\@nameuse{@mpfootins#1}
8644 \def\baselinestretch{\m@m@footnote@spacing}%
8645 \reset@font\@nameuse{foottextfont#1}%
8646 \hsize\columnwidth \@parboxrestore
8647 \protected@edef\@currentlabel{%
8648 \csname p@mpfootnote#1\endcsname\@nameuse{@thefnmark#1}}%
8649 \setbox0=\vbox{\hsize=\maxdimen
8650 \color@begingroup
8651 \noindent \@nameuse{@parafootfmt#1}{##1}%
8652 \color@endgroup}%
8653 \m@mungebox}\m@mmf@prepare}}
8654 \bidi@ensure@newcommand{\m@make@parafootfmt}[1]{%
8655 \bidi@namelongdef{@parafootfmt#1}##1{%
8656 \parindent=\z@
8657 \parfillskip=0pt \@plus 1fil
8658 {\@nameuse{footfootmark#1}\strut
8659 {\@nameuse{foottextfont#1}##1}\penalty-10}}
8660 \bidi@ensure@newcommand{\m@make@para@footgroup}[1]{%
8661 \@namedef{@para@footgroup#1}{%
8662 \unvbox\@nameuse{footins#1}
8663 \m@mmakehboxofhboxes
8664 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8665 \@nameuse{foottextfont#1}%
8666 \noindent\unhbox0\par}}
8667 \bidi@ensure@newcommand{\m@make@mppara@footgroup}[1]{%
8668 \@namedef{@mppara@footgroup#1}{%
8669 \unvbox\@nameuse{@mpfootins#1}
8670 \m@mmakehboxofhboxes
8671 \setbox0=\hbox{\unhbox0 \m@mremovehboxes}%
8672 \@nameuse{foottextfont#1}%
8673 \noindent\unhbox0\par}}
8674 \bidi@ensure@newcommand{\m@make@para@footstart}[1]{%
8675 \@namedef{@para@footstart#1}{%
8676 \vskip\bigskipamount

```

```

8677 \leftskip=\z@
8678 \rightskip=\z@
8679 \parindent=\z@
8680 \vskip\skip\@nameuse{footins#1}%
8681 \footnoterule}}
8682 \bidi@ensure@newcommand*{\m@m@makecolfloats}{%
8683 \xdef\@freelist{\@freelist\@midlist}%
8684 \global\let\@midlist\@empty
8685 \@combinefloats}
8686 \bidi@ensure@newcommand*{\m@m@makecoltext}{%
8687 \ifvbox\@kludgeins
8688 \@makespecialcolbox
8689 \else
8690 \setbox\@outputbox \vbox to\@colht{%
8691 \@texttop
8692 \dimen@ \dp\@outputbox
8693 \unvbox \@outputbox
8694 \vskip -\dimen@
8695 \@textbottom}%
8696 \fi}
8697 \bidi@ensure@newcommand*{\m@m@makecolintro}{%
8698 \bidi@ensure@newcommand*{\m@mopfootnote}{\setbox\@outputbox \vbox{%
8699 \boxmaxdepth\@maxdepth
8700 \@tempdima\dp\@cclv
8701 \unvbox\@cclv
8702 \vskip-\@tempdima
8703 \vskip \skip\footins
8704 \color@begingroup
8705 \normalcolor
8706 \footnoterule
8707 \unvbox \footins
8708 \color@endgroup}}
8709 \bidi@ensure@newcommand*{\m@mopsidebar}{%
8710 \ifvoid\sideins\else
8711 \setbox\@outputbox \vbox{%
8712 \sidecontents
8713 \unvbox\@outputbox}
8714 \fi}
8715 \gdef\mem@m@makecol{%
8716 \m@m@makecolintro
8717 \ifvoid\footins
8718 \setbox\@outputbox \box\@cclv
8719 \else
8720 \m@mopfootnote
8721 \fi
8722 \m@m@doextrafeet
8723 \m@m@makecolfloats
8724 \m@mopsidebar
8725 \m@m@makecoltext
8726 \global \maxdepth \@maxdepth}

```

```

8727 \bidi@ensure@newcommand{\feetabovelfloat}{\gdef\@makecol{\mem@makecol}}
8728 \feetabovelfloat%

```

7.53 extreport-xetex-bidi.def

```

8729 \ProvidesFile{extreport-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for extreport class]
8730 \renewcommand*{\l@part[2]}{%
8731   \ifnum \c@tocdepth >-2\relax
8732     \addpenalty{-\@highpenalty}%
8733     \addvspace{2.25em \@plus\p@}%
8734     \begingroup
8735       \setlength\@tempdima{3em}%
8736       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8737       \parfillskip -\@pnumwidth
8738       {\leavevmode
8739         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
8740       \nobreak
8741       \global\@nobreaktrue
8742       \everypar{\global\@nobreakfalse\everypar{}}%
8743     \endgroup
8744   \fi}
8745 \renewcommand*{\l@chapter[2]}{%
8746   \ifnum \c@tocdepth >\m@ne
8747     \addpenalty{-\@highpenalty}%
8748     \vskip 1.0em \@plus\p@
8749     \setlength\@tempdima{1.5em}%
8750     \begingroup
8751       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
8752       \parfillskip -\@pnumwidth
8753       \leavevmode \bfseries
8754       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
8755       \hskip -\if@RTL\rightskip\else\leftskip\fi
8756       #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
8757       \penalty\@highpenalty
8758     \endgroup
8759   \fi}
8760 \def\@makechapterhead#1{%
8761   \vspace*{50\p@}%
8762   {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
8763     \ifnum \c@secnumdepth >\m@ne
8764       \huge\bfseries \@chapapp\space \thechapter
8765       \par\nobreak
8766       \vskip 20\p@
8767     \fi
8768     \interlinepenalty\@M
8769     \Huge \bfseries #1\par\nobreak
8770     \vskip 40\p@
8771   }}
8772 \def\@makeschapterhead#1{%
8773   \vspace*{50\p@}%

```

```

8774 {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
8775 \normalfont
8776 \interlinepenalty\@M
8777 \Huge \bfseries #1\par\nobreak
8778 \vskip 40\p@
8779 }}
8780 \renewcommand\left@footnoterule{%
8781 \kern-3\p@
8782 \hrule\@width.4\columnwidth
8783 \kern2.6\p@}
8784 \renewcommand\right@footnoterule{%
8785 \hbox to \columnwidth
8786 {\beginR \vbox{%
8787 \kern-3\p@
8788 \hrule\@width.4\columnwidth
8789 \kern2.6\p@}\hfil\endR}}
8790 \renewenvironment{thebibliography}[1]
8791 {\chapter*{\bibname
8792 \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}}%
8793 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
8794 \list{\@biblabel{\@arabic\c@enumiv}}%
8795 {\settowidth\labelwidth{\@biblabel{#1}}%
8796 \leftmargin\labelwidth
8797 \advance\leftmargin\labelsep
8798 \@openbib@code
8799 \usecounter{enumiv}%
8800 \let\p@enumiv\@empty
8801 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
8802 \sloppy\clubpenalty4000\widowpenalty4000%
8803 \sfcode'\. \@m}
8804 {\def\@noitemerr
8805 {\@latex@warning{Empty 'thebibliography' environment}}%
8806 \endlist}
8807 \if@titlepage
8808 \renewcommand\maketitle{\begin{titlepage}%
8809 \let\footnotesize\small
8810 \let\right@footnoterule\relax
8811 \let\left@footnoterule\relax
8812 \let\textwidth\footnoterule\relax
8813 \let\footnote\thanks
8814 \null\vfil
8815 \vskip 60\p@
8816 \begin{center}%
8817 {\LARGE \@title \par}%
8818 \vskip 3em%
8819 {\large
8820 \lineskip .75em%
8821 \begin{tabular}[t]{c}%
8822 \@author
8823 \end{tabular}\par}%

```

```

8824     \vskip 1.5em%
8825     {\large \@date \par}%           % Set date in \large size.
8826 \end{center}\par
8827 \@thanks
8828 \vfil\null
8829 \end{titlepage}%
8830 \setcounter{footnote}{0}%
8831 \global\let\thanks\relax
8832 \global\let\maketitle\relax
8833 \global\let\@thanks\@empty
8834 \global\let\@author\@empty
8835 \global\let\@date\@empty
8836 \global\let\@title\@empty
8837 \global\let\title\relax
8838 \global\let\author\relax
8839 \global\let\date\relax
8840 \global\let\and\relax
8841 }
8842 \else
8843 \renewcommand\maketitle{\par
8844   \begingroup
8845     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
8846     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
8847     \long\def\@makefntext##1{\parindent 1em\noindent
8848       \hb@xt@1.8em{%
8849         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
8850     \if@twocolumn
8851       \ifnum \col@number=\@ne
8852         \@maketitle
8853       \else
8854         \twocolumn[\@maketitle]%
8855       \fi
8856     \else
8857       \newpage
8858       \global\@topnum\z@    % Prevents figures from going at top of page.
8859       \@maketitle
8860     \fi
8861     \thispagestyle{plain}\@thanks
8862   \endgroup
8863   \setcounter{footnote}{0}%
8864   \global\let\thanks\relax
8865   \global\let\maketitle\relax
8866   \global\let\@maketitle\relax
8867   \global\let\@thanks\@empty
8868   \global\let\@author\@empty
8869   \global\let\@date\@empty
8870   \global\let\@title\@empty
8871   \global\let\title\relax
8872   \global\let\author\relax
8873   \global\let\date\relax

```

```

8874 \global\let\and\relax
8875 }
8876 \def\@maketitle{%
8877 \newpage
8878 \null
8879 \vskip 2em%
8880 \begin{center}%
8881 \let \footnote \thanks
8882 {\LARGE \@title \par}%
8883 \vskip 1.5em%
8884 {\large
8885 \lineskip .5em%
8886 \begin{tabular}[t]{c}%
8887 \@author
8888 \end{tabular}\par}%
8889 \vskip 1em%
8890 {\large \@date}%
8891 \end{center}%
8892 \par
8893 \vskip 1.5em}
8894 \fi
8895 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
8896 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\csubsection}
8897 \renewcommand\thesubsubsection{\thesubsection \@SepMark\@arabic\csubsubsection}
8898 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\cparagraph}
8899 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\csubparagraph}
8900 \renewcommand\theequation{%
8901 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
8902 \renewcommand\thefigure{%
8903 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
8904 \renewcommand\thetable{%
8905 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}

```

7.54 fancybox-xetex-bidi.def

```

8906 \ProvidesFile{fancybox-xetex-bidi.def}[2013/05/01 v0.1 bidi adaptations for fancybox package]
8907 \def\fancy@oval#1#2#3{%
8908 \boxmaxdepth \maxdimen
8909 \@ovttrue \@ovbtrue \@ovltrue \@ovrtrue
8910 \@tfor\@tempa :=#3\do{\csname @ov\@tempa false\endcsname}%
8911 \@ovxx#1\relax
8912 \advance\@ovxx-\@wholewidth
8913 \@ovyy#2\relax
8914 \advance\@ovyy-\@wholewidth
8915 \@tempdimb \ifdim \@ovyy >\@ovxx \@ovxx\else \@ovyy \fi
8916 \advance\@tempdimb-2\p@
8917 \ifdim\@tempdimb>\the@cornersize\relax
8918 \@tempdimb=\the@cornersize
8919 \fi
8920 \@getcirc\@tempdimb

```



```

8921 \@ovro\ht\@tempboxa \@ovri\dp\@tempboxa
8922 \@ovdx\@ovxx \advance\@ovdx-\@tempdima \divide\@ovdx \tw@
8923 \@ovdy\@ovyy \advance\@ovdy-\@tempdima \divide\@ovdy \tw@
8924 \@circlefnt
8925 \setbox\@tempboxa\hbox{\beginL%
8926   \if@ovr \@ovvert32\kern -\@tempdima \fi
8927   \if@ovl \kern \@ovxx \@ovvert01\kern -\@tempdima \kern -\@ovxx \fi
8928   \if@ovt \@ovhorz \kern -\@ovxx \fi
8929   \if@ovb \raise \@ovyy \@ovhorz \fi\endL}%
8930 \advance\@ovdx\@ovro
8931 \advance\@ovdy\@ovro
8932 \advance\@ovxx\@wholewidth
8933 \wd\@tempboxa=\@ovxx
8934 \dp\@tempboxa=\z@}

```

7.55 fancyhdr-xetex-bidi.def

```

8935 \ProvidesFile{fancyhdr-xetex-bidi.def}[2012/04/18 v0.4 bidi adaptations for fancyhdr package]
8936 \let\fnch@everypar\everypar%
8937 \def\@fancyhead#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hbox{
8938   \@fancyvbox\headheight{\hbox
8939     {\rlap{\parbox[b]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2\if@RTLmain\endR\else\endL\fi}
8940     \parbox[b]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\else\endL\fi}
8941     \llap{\parbox[b]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLmain\endR\else\endL\fi}}
8942 \def\@fancyfoot#1#2#3#4#5{\if@RTLmain\beginR\else\beginL\fi#1\if@RTLmain\endR\else\endL\fi\hbox{
8943   \@fancyvbox\footskip{\footrule
8944     \hbox{\rlap{\parbox[t]{\headwidth}{\bidi@raggedright\if@RTLmain\beginR\else\beginL\fi#2\if@RTLmain\endR\else\endL\fi}
8945     \parbox[t]{\headwidth}{\centering\if@RTLmain\beginR\else\beginL\fi#3\if@RTLmain\endR\else\endL\fi}
8946     \llap{\parbox[t]{\headwidth}{\bidi@raggedleft\if@RTLmain\beginR\else\beginL\fi#4\if@RTLmain\endR\else\endL\fi}}

```

7.56 fix2col-xetex-bidi.def

```

8947 \ProvidesFile{fix2col-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for fix2col package]
8948 \def\RTL@outputdblcol{%
8949   \if@firstcolumn
8950     \global\@firstcolumnfalse
8951     \global\setbox\@leftcolumn\copy\@outputbox
8952     \splitmaxdepth\maxdimen
8953     \vbadness\maxdimen
8954     \setbox\@outputbox\vsplit\@outputbox to\maxdimen
8955     \toks@\expandafter{\topmark}%
8956     \xdef\@firstcoltopmark{\the\toks@}%
8957     \toks@\expandafter{\splitfirstmark}%
8958     \xdef\@firstcolfirstmark{\the\toks@}%
8959     \ifx\@firstcolfirstmark\@empty
8960       \global\let\@setmarks\relax
8961     \else
8962       \gdef\@setmarks{%
8963         \let\firstmark\@firstcolfirstmark
8964         \let\topmark\@firstcoltopmark}%
8965   \fi

```

```

8966 \else \global\@firstcolumntrue
8967 \setbox\@outputbox \vbox {\hbox to\textwidth {%
8968 \hskip \columnwidth
8969 \hfil \vrule width\columnseprule \hfil
8970 \hbox to\columnwidth {\box\@leftcolumn \hss}%
8971 \hskip -\textwidth
8972 \hbox to\columnwidth{\box\@outputbox \hss}%
8973 \hskip \columnsep
8974 \hskip \columnwidth }}%
8975 \@combinedblfloats \@setmarks \@outputpage
8976 \begingroup \@dblfloatplacement \@startdblcolumn
8977 \@whiles\if@fcolmade \fi
8978 {\@outputpage \@startdblcolumn }\endgroup
8979 \fi}
8980 \def\LTR@outputdblcol{%
8981 \if@firstcolumn
8982 \global\@firstcolumnfalse
8983 \global\setbox\@leftcolumn\copy\@outputbox
8984 \splitmaxdepth\maxdimen
8985 \vbadness\maxdimen
8986 \setbox\@outputbox\vsplit\@outputbox to\maxdimen
8987 \toks@\expandafter{\topmark}%
8988 \xdef\@firstcoltopmark{\the\toks@}%
8989 \toks@\expandafter{\splitfirstmark}%
8990 \xdef\@firstcolfirstmark{\the\toks@}%
8991 \ifx\@firstcolfirstmark\@empty
8992 \global\let\@setmarks\relax
8993 \else
8994 \gdef\@setmarks{%
8995 \let\firstmark\@firstcolfirstmark
8996 \let\topmark\@firstcoltopmark}%
8997 \fi
8998 \else
8999 \global\@firstcolumntrue
9000 \setbox\@outputbox\vbox{%
9001 \hb@xt@\textwidth{%
9002 \hb@xt@\columnwidth{\box\@leftcolumn \hss}%
9003 \hfil
9004 \vrule \@width\columnseprule
9005 \hfil
9006 \hb@xt@\columnwidth{\box\@outputbox \hss}}}%
9007 \@combinedblfloats
9008 \@setmarks
9009 \@outputpage
9010 \begingroup
9011 \@dblfloatplacement
9012 \@startdblcolumn
9013 \@whiles\if@fcolmade \fi{\@outputpage\@startdblcolumn}%
9014 \endgroup
9015 \fi}

```

7.57 fleqn-xetex-bidi.def

```
9016 \ProvidesFile{fleqn-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for fleqn tag for XeTeX
9017 \renewcommand\[{\\relax
9018         \ifmmode\@badmath
9019         \else
9020         \begin{trivlist}%
9021         \@beginparpenalty\predisplaypenalty
9022         \@endparpenalty\postdisplaypenalty
9023         \item[]\leavevmode
9024         \hb@xt@\linewidth\bgroup \beginL$m@th\displaystyle %$
9025         \hskip\mathindent\bgroup
9026         \fi}
9027 \renewcommand\}{\\relax
9028         \ifmmode
9029         \egroup $\\hfil% $
9030         \endL\egroup
9031         \end{trivlist}%
9032         \else \@badmath
9033         \fi}
9034 \renewenvironment{equation}%
9035     {\@beginparpenalty\predisplaypenalty
9036     \@endparpenalty\postdisplaypenalty
9037     \refstepcounter{equation}%
9038     \trivlist \item[]\leavevmode
9039     \hb@xt@\linewidth\bgroup\beginL $m@th% $
9040     \displaystyle
9041     \hskip\mathindent}%
9042     {$\\hfil % $
9043     \displaywidth\linewidth\hbox{\@eqnnum}%
9044     \endL\egroup
9045     \endtrivlist}
```

7.58 float-xetex-bidi.def

```
9046 \ProvidesFile{float-xetex-bidi.def}[2013/04/04 v0.2 bidi adaptations for float package for Xe
9047 \renewcommand\floatc@plain[2]{\setbox\@tempboxa\hbox{\{\@fs@cfont #1:} #2}%
9048 \ifdim\wd\@tempboxa>\hsize {\@fs@cfont #1:} #2\par
9049 \else\hbox to\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}\fi}
9050 \def\float@newx#1[#2]{\ifundefined{c@#1}{\newcounter{#1}[#2]%
9051 \expandafter\edef\csname the#1\endcsname{%
9052 \expandafter\noexpand\csname
9053 the#2\endcsname\@SepMark\noexpand\arabic{#1}}}%
9054 {\PackageWarning{float}{Can't redefine counter variable for #1.}}}
```

7.59 floatrow-xetex-bidi.def

```
9055 \ProvidesFile{floatrow-xetex-bidi.def}[2013/04/08 v0.1 bidi adaptations for floatrow package
9056 \renewcommand\flnew@within[1]{\@addtoreset{FB@captype}{#1}%
9057 \expandafter\edef\csname theFB@captype\endcsname{%
9058 \expandafter\noexpand\csname
9059 the#1\endcsname\@SepMark\noexpand\arabic{FB@captype}}}
```

7.60 flowfram-xetex-bidi.def

```
9060 \ProvidesFile{flowfram-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for flowfram package]
9061 \def\@outputdblcol{%
9062 \@nxtcol=\c@thisframe
9063 \c@curpg=\c@page
9064 \@g@tnextcol{\@nxtcol}%
9065 \if@ff@nwpg % next flow frame starts on new page
9066 \global\@firstcolumntrue
9067 \@setcolbox\c@thisframe
9068 \if@specialpage
9069 \global\@specialpagefalse
9070 \nameuse{ps@\@specialstyle}\relax
9071 \fi
9072 \if@twoside
9073 \ifodd\count\z@
9074 \let\@thehead\@oddhead
9075 \let\@thefoot\@oddfoot
9076 \else
9077 \let\@thehead\@evenhead
9078 \let\@thefoot\@evenfoot
9079 \fi
9080 \else
9081 \let\@thehead\@oddhead
9082 \let\@thefoot\@oddfoot
9083 \fi
9084 \@beginindvi
9085 \@dodynamicthehead\@dodynamicthefoot
9086 \vbadness=\M
9087 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}%
9088 \@combinedblfloats
9089 \@outputpage
9090 \advance\c@curpg by -\c@page\relax
9091 \whiledo{\c@curpg>0}{\advance\c@curpg by -1\relax
9092 \setbox\@outputbox\vbox{\hbox to \textwidth{\@ff@do@allframes}}%
9093 \@outputpage}
9094 \begingroup
9095 \@dblfloatplacement
9096 \@startdblcolumn
9097 \@whilesw \if@colmade \fi
9098 {\@outputpage \@startdblcolumn }\endgroup
9099 \@resetst@tics
9100 \@resetdyn@tics
9101 \else % still on same page, save contents of box255
9102 \global\@firstcolumnfalse
9103 \@setcolbox\c@thisframe
9104 \fi
9105 \global\c@thisframe=\@nxtcol
9106 \@setcol{\c@thisframe}\relax
9107 \global\@colht\vsiz
```

```

9108 }
9109 \def\@outputpage{%
9110 \begingroup
9111   \let\protect\noexpand
9112   \@resetactivechars
9113   \global\let\@if@newlist@if@newlist
9114   \global\@newlistfalse\@parboxrestore
9115   \shipout\vbox{\set@typeset@protect
9116     \aftergroup
9117     \endgroup
9118     \aftergroup
9119     \set@typeset@protect
9120     \reset@font\normalsize\normalsfcodes
9121     \let\label\@gobble
9122     \let\index\@gobble
9123     \let\glossary\@gobble
9124     \baselineskip\z@skip
9125     \lineskip\z@skip
9126     \lineskiplimit\z@
9127     \vskip\topmargin\moveright\@themargin
9128     \vbox{%
9129       \vskip\headheight
9130       \vskip\headsep
9131       \box\@outputbox
9132     }}%
9133   \global\let@if@newlist\@if@newlist
9134   \stepcounter{page}%
9135   \setcounter{displayedframe}{0}%
9136   \let\firstmark\botmark}
9137
9138
9139 \newcommand*\bidi@stfftextcol{\ifthenelse{\equal{\ff@txtcol}{}}{}}{%
9140 \expandafter\bidi@color\ff@txtcol}}
9141
9142 \newcommand{\bidi@ff@box}[3]{\@ffbackground{\vbox to#2
9143 {\hb@xt@ #1{\hss{\bidi@stfftextcol #3}\hss}\vss\kern\z@}}}}
9144
9145
9146 \renewcommand*\@docolbox}[1]{%
9147 \edef\ff@frametype{%
9148 \csname @ff@frametype@\romannumeral#1\endcsname}%
9149 \edef\ff@col{\csname @ff@col@\romannumeral#1\endcsname}%
9150 \edef\ff@txtcol{\csname @ff@txtcol@\romannumeral#1\endcsname}%
9151 \edef\ff@backcol{\csname @ff@backcol@\romannumeral#1\endcsname}%
9152 \@ff@setoffset{#1}%
9153 \rotateframe{\csname @ff@angle@\romannumeral#1\endcsname}{%
9154 \ifthenelse{\boolean{columnframe\romannumeral#1}}{%
9155 \@ff@fbox{\csname colwidth\romannumeral#1\endcsname}%
9156 {\csname colheight\romannumeral#1\endcsname}}{%
9157 \expandafter\box\csname column\romannumeral#1\endcsname}}}%

```

```

9158 \csname\ff@frametype\endcsname}%
9159 }{%
9160 \bidi@ff@box{\csname colwidth\romannumeral#1\endcsname}%
9161 {\csname colheight\romannumeral#1\endcsname}{%
9162 \expandafter\box\csname column\romannumeral#1\endcsname}%
9163 }}}
9164 \@ifclassloaded{book}{%
9165 \renewcommand\theequation
9166   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9167 \renewcommand \thefigure
9168   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9169 \renewcommand \thetable
9170   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9171 \renewcommand \thechapter {\@arabic\c@chapter}
9172 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9173 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9174 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
9175 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9176 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
9177 \@ifclassloaded{report}{%
9178 \renewcommand\theequation
9179   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
9180 \renewcommand \thefigure
9181   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
9182 \renewcommand \thetable
9183   {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
9184 \renewcommand \thechapter {\@arabic\c@chapter}
9185 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
9186 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
9187 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
9188 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
9189 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}}{}
9190 \renewcommand{\rotateframe}[2]{\if@ttb@rotate
9191 \rotatebox{#1}{\if@RTL\beginL\fi#2\if@RTL\endL\fi}}%
9192 \else
9193 #2\relax
9194 \fi}

```

7.61 footnote-xetex-bidi.def

```

9195 \ProvidesFile{footnote-xetex-bidi.def}[2013/04/26 v0.8 bidi footnote macros for XeTeX engine]
9196 \if@RTLmain\@RTL@footnotetrue\else\@RTL@footnotefalse\fi
9197 \newif\ifbidi@autofootnoterule
9198 \def\bidi@mpfootnoterule{\footnoterule}
9199 \newcounter{footdir@label}
9200 \renewcommand*{\thefootdir@label}{\footdir@the\value{footdir@label}}
9201 \newcommand*{\footdir@write}{%
9202   \stepcounter{footdir@label}%
9203   \zref@labelbyprops{\thefootdir@label}{abspage}%
9204 }

```

```

9205 \newif\iffootdir@debug
9206 \newcommand*{\debugfootnotedirection}{\footdir@debugtrue}
9207 \newtoks\footdir@toks
9208 \newcommand*{\footdir@debug}[1]{%
9209   \iffootdir@debug
9210     \typeout{[footdir] #1}%
9211   \fi
9212 }
9213 \@ifpackagelater{zref-abspage}{2012/10/27}{%
9214   \newcommand*{\footdir@LeftRightElse}{%
9215     \ltx@ifundefined{footdir@the\value{zabspage}}{%
9216       \footdir@debug{abspage \the\value{zabspage}: else}%
9217     \ltx@thirdofthree
9218   }{%
9219     \if\csname footdir@the\value{zabspage}\endcsname L%
9220       \footdir@debug{abspage \the\value{zabspage}: left}%
9221     \expandafter\ltx@firstofthree
9222   \else
9223     \footdir@debug{abspage \the\value{zabspage}: right}%
9224     \expandafter\ltx@secondofthree
9225   \fi
9226 }%
9227 }%
9228 }{%
9229   \providecommand*{\c@zabspage}{\c@abspage}%
9230   \newcommand*{\footdir@LeftRightElse}{%
9231     \footdir@write
9232     \zifrefundefined{\thefootdir@label}{%
9233       \footdir@debug{abspage ??: else}%
9234     \ltx@thirdofthree
9235   }{%
9236     \edef\footdir@abspage{%
9237       \zref@extractdefault{\thefootdir@label}{abspage}{0}%
9238     }%
9239     \ltx@ifundefined{footdir@\footdir@abspage}{%
9240       \footdir@debug{\footdir@abspage: else}%
9241     \ltx@thirdofthree
9242   }{%
9243     \if\csname footdir@\footdir@abspage\endcsname L%
9244       \footdir@debug{\footdir@abspage: left}%
9245     \expandafter\ltx@firstofthree
9246   \else
9247     \footdir@debug{\footdir@abspage: right}%
9248     \expandafter\ltx@secondofthree
9249   \fi
9250 }%
9251 }%
9252 }%
9253 }
9254 \newcommand*{\footdir@fntext}[1]{%

```

```

9255 \zifrefundefined{\thefootdir@label}{%
9256 }{%
9257 \edef\footdir@name{%
9258     footdir@\zref@extractdefault{\thefootdir@label}{abspage}{0}%
9259 }%
9260 \@ifundefined{footdir@name}{%
9261     \expandafter\gdef\csname\footdir@name\endcsname{#1}%
9262 }{}%
9263 }%
9264 }
9265
9266 \newcommand*{\footdir@temp}[3]{%
9267     \@ifdefinable{#1}{%
9268         \let#1#2%
9269         \renewcommand{#2}[1]{%
9270             \footdir@write
9271             \footdir@fntext{#3}%
9272             \stepcounter{footdir@label}%
9273             \footdir@fntext{#3}%
9274             \footdir@toks{##1}%
9275             \footdir@toks\expandafter{%
9276                 \the\expandafter\footdir@toks
9277                 \expandafter
9278                 \zref@labelbyprops\expandafter{\thefootdir@label}{abspage}%
9279             }%
9280             \expandafter#1\expandafter{\the\footdir@toks}%
9281         }%
9282     }%
9283 }
9284
9285 \def\right@footnoterule{%
9286     \hbox to \columnwidth
9287     {\beginR \vbox{\kern -3\p@
9288         \hrule width .4\columnwidth \kern2.6\p@}\hfil\endR}}
9289 \def\left@footnoterule{%
9290     \hrule width .4\columnwidth\kern 2.6\p@}
9291 \def\textwidth@footnoterule{\kern-3\p@
9292 \hrule \@width \columnwidth \kern 2.6\p@}
9293 \def\leftfootnoterule{%
9294 \bidi@autofootnoterulefalse%
9295 \def\footnoterule{\left@footnoterule}}
9296 \let\LRfootnoterule=\leftfootnoterule
9297 \def\rightfootnoterule{%
9298 \bidi@autofootnoterulefalse%
9299 \def\footnoterule{\right@footnoterule}}
9300 \def\textwidthfootnoterule{%
9301 \bidi@autofootnoterulefalse%
9302 \def\footnoterule{\textwidth@footnoterule}}
9303
9304

```



```

9305
9306 \def\auto@footnoterule{%
9307 \footdir@LeftRightElse%
9308 \left@footnoterule%
9309 \right@footnoterule%
9310 \left@footnoterule%
9311 }
9312
9313
9314
9315 \def\autofootnoterule{%
9316 \bidi@autofootnoteruletrue%
9317 \def\footnoterule{\auto@footnoterule}%
9318 }
9319
9320 \newcommand*\SplitFootnoteRule{%
9321 \gdef\split@prev{0}
9322 \let\pagefootnoterule\footnoterule
9323 \let\mpfootnoterule\footnoterule
9324 \def\splitfootnoterule{\kern-3\p@ \hrule \kern2.6\p@}
9325 \def\footnoterule{\relax
9326 \ifx \@listdepth\@mplistdepth
9327 \mpfootnoterule
9328 \else
9329 \ifnum\split@prev=\z@
9330 \pagefootnoterule
9331 \else
9332 \splitfootnoterule
9333 \fi
9334 \xdef\split@prev{\the\insertpenalties}%
9335 \fi
9336 }%
9337 }
9338
9339
9340
9341
9342 \def\RTLfootnote{\@ifnextchar[\@xRTLfootnote{\stepcounter\@mpfn
9343 \protected@xdef\@thefnmark{\thempfn}%
9344 \@footnotemark\@RTLfootnotetext}}
9345 \def\@xRTLfootnote[#1]{%
9346 \begingroup
9347 \csname c@\@mpfn\endcsname #1\relax
9348 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9349 \endgroup
9350 \@footnotemark\@RTLfootnotetext}
9351 \def\LTRfootnote{\@ifnextchar[\@xLTRfootnote{\stepcounter\@mpfn
9352 \protected@xdef\@thefnmark{\thempfn}%
9353 \@footnotemark\@LTRfootnotetext}}
9354 \def\@xLTRfootnote[#1]{%

```

```

9355 \begingroup
9356 \csname c@\@mpfn\endcsname #1\relax
9357 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9358 \endgroup
9359 \@footnotemark\@LTRfootnotetext}
9360
9361
9362 \def\setfootnoteRL{\@RTL@footnotetrue}
9363 \def\unsetfootnoteRL{\@RTL@footnotefalse}
9364 \def\setfootnoteLR{\unsetfootnoteRL}
9365
9366 \long\def\@footnotetext#1{\insert\footins{%
9367 \if@RTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9368 \reset@font\footnotesize
9369 \interlinepenalty\interfootnotelinepenalty
9370 \splittopskip\footnotesep
9371 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9372 \hsize\columnwidth \@parboxrestore
9373 \protected@edef\@currentlabel{%
9374 \csname p@footnote\endcsname\@thefnmark
9375 }%
9376 \color@begingroup
9377 \makefntext{%
9378 \rule{z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9379 \color@endgroup}}%
9380
9381
9382 \long\def\@RTLfootnotetext#1{\insert\footins{%
9383 \@RTLtrue%
9384 \reset@font\footnotesize
9385 \interlinepenalty\interfootnotelinepenalty
9386 \splittopskip\footnotesep
9387 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9388 \hsize\columnwidth \@parboxrestore
9389 \protected@edef\@currentlabel{%
9390 \csname p@footnote\endcsname\@thefnmark
9391 }%
9392 \color@begingroup
9393 \makefntext{%
9394 \rule{z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9395 \color@endgroup}}%
9396
9397 \long\def\@LTRfootnotetext#1{\insert\footins{%
9398 \@RTLfalse%
9399 \reset@font\footnotesize
9400 \interlinepenalty\interfootnotelinepenalty
9401 \splittopskip\footnotesep
9402 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
9403 \hsize\columnwidth \@parboxrestore
9404 \protected@edef\@currentlabel{%

```

```

9405         \csname p@footnote\endcsname\@thefnmark
9406     }%
9407     \color@begingroup
9408         \@makefnmark{\rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9409         \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9410     \color@endgroup}}%
9411
9412 \AtBeginDocument{%
9413 \ifRTL@footnote
9414     \newcommand*{\bidi@footdir@footnote}{R}
9415 \else
9416     \newcommand*{\bidi@footdir@footnote}{L}
9417 \fi%
9418 }
9419
9420 \footdir@temp\footdir@ORG@bidi@footnotetext\@footnotetext{\bidi@footdir@footnote}%
9421 \footdir@temp\footdir@ORG@bidi@RTLfootnotetext\@RTLfootnotetext{R}%
9422 \footdir@temp\footdir@ORG@bidi@LTRfootnotetext\@LTRfootnotetext{L}%
9423
9424 \long\def\@mpRTLfootnotetext#1{%
9425     \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\right@footnoterule%
9426     \global\setbox\@mpfootins\vbox{\@RTLtrue%
9427         \unvbox\@mpfootins
9428         \reset@font\footnotesize
9429         \hsize\columnwidth
9430         \@parboxrestore
9431         \protected@edef\@currentlabel
9432             {\csname p@mpfootnote\endcsname\@thefnmark}%
9433         \color@begingroup
9434             \@makefnmark{\rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9435             \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9436         \color@endgroup}}
9437 \long\def\@mpLTRfootnotetext#1{%
9438     \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\global\let\bidi@mpfootnoterule\left@footnoterule%
9439     \global\setbox\@mpfootins\vbox{\@RTLfalse%
9440         \unvbox\@mpfootins
9441         \reset@font\footnotesize
9442         \hsize\columnwidth
9443         \@parboxrestore
9444         \protected@edef\@currentlabel
9445             {\csname p@mpfootnote\endcsname\@thefnmark}%
9446         \color@begingroup
9447             \@makefnmark{\rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9448             \rule\z@{footnotesep\ignorespaces#1\@finalstrut\strutbox}}%
9449         \color@endgroup}}
9450 \long\def\@mpfootnotetext#1{%
9451     \ifbidi@autofootnoterule\ifnum\c@mpfootnote=\@ne\ifRTL@footnote\global\let\bidi@mpfootnoterule\right@footnoterule%
9452     \global\setbox\@mpfootins\vbox{\ifRTL@footnote\@RTLtrue\else\@RTLfalse\fi%
9453         \unvbox\@mpfootins
9454         \reset@font\footnotesize

```

```

9455 \hsize\columnwidth
9456 \@parboxrestore
9457 \protected@edef\@currentlabel
9458 {\csname p@mpfootnote\endcsname\@thefnmark}%
9459 \color@begingroup
9460 \@makefnfntext{%
9461 \rule\z@\footnotesep\ignorespaces#1\@finalstrut\strutbox}%
9462 \color@endgroup}}
9463 \def\@iiiminipage#1#2[#3]#4{%
9464 \leavevmode
9465 \@pboxswfalse
9466 \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
9467 \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
9468 \setlength\@tempdima{#4}%
9469 \def\@mpargs{{#1}{#2}[#3]{#4}}%
9470 \setbox\@tempboxa\vbox\bgroup
9471 \color@begingroup
9472 \hsize\@tempdima
9473 \textwidth\hsize \columnwidth\hsize
9474 \@parboxrestore
9475 \def\@mpfn{mpfootnote}\def\thempfn{\thempfootnote}\c@mpfootnote\z@
9476 \let\@footnotetext\@mpfootnotetext
9477 \let\@LTRfootnotetext\@mplTRfootnotetext
9478 \let\@RTLfootnotetext\@mpRTLfootnotetext
9479 \let\@listdepth\@mplistdepth \@mplistdepth\z@
9480 \@minipagerestore
9481 \@setminipage}
9482 \def\endminipage{%
9483 \par
9484 \unskip
9485 \ifvoid\@mpfootins\else
9486 \vskip\skip\@mpfootins
9487 \normalcolor
9488 \bidi@mpfootnoterule
9489 \unvbox\@mpfootins
9490 \fi
9491 \@minipagefalse %% added 24 May 89
9492 \color@endgroup
9493 \egroup
9494 \expandafter\@iiiparbox\@mpargs{\unvbox\@tempboxa}}
9495 \def\LTRthanks#1{\footnotemark
9496 \protected@xdef\@thanks{\@thanks
9497 \protect\LTRfootnotetext[\the\c@footnote]{#1}}%
9498 }
9499 \def\LTRfootnotetext{%
9500 \@ifnextchar [\@xLTRfootnotenext
9501 {\protected@xdef\@thefnmark{\thempfn}%
9502 \@LTRfootnotetext}}
9503 \def\@xLTRfootnotenext[#1]{%
9504 \begingroup

```

```

9505 \csname c@\mpfn\endcsname #1\relax
9506 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9507 \endgroup
9508 \LTRfootnotetext}
9509 \def\RTLthanks#1{\footnotemark
9510 \protected@xdef\@thanks{\@thanks
9511 \protect\RTLfootnotetext[\the\c@footnote]{#1}}%
9512 }
9513 \let\@thanks\@empty
9514 \def\RTLfootnotetext{%
9515 \ifnextchar [\@xRTLfootnotenext
9516 {\protected@xdef\@thefnmark{\thempfn}%
9517 \@RTLfootnotetext}}
9518 \def\@xRTLfootnotenext[#1]{%
9519 \begingroup
9520 \csname c@\mpfn\endcsname #1\relax
9521 \unrestored@protected@xdef\@thefnmark{\thempfn}%
9522 \endgroup
9523 \@RTLfootnotetext}
9524 \leftfootnoterule

```

7.62 framed-xetex-bidi.def

```

9525 \ProvidesFile{framed-xetex-bidi.def}[2012/06/05 v0.3 bidi adaptations for framed package for
9526 \renewcommand\TitleBarFrame[3][\begingroup
9527 \ifx\delimiter#1\delimiter
9528 \let\TF@conlab\@empty
9529 \else
9530 \def\TF@conlab{% continuation label
9531 \nointerlineskip
9532 \smash{\rlap{\kern\wd\@tempboxa\kern\fbboxrule\kern\fbboxsep #1}}}%
9533 \fi
9534 %\let\TF@savecolor\current@color
9535 \textcolor{TFFrameColor}{%
9536 \CustomFBox
9537 {\TF@Title{#2}}{\TF@conlab}%
9538 \fbboxrule\fbboxrule\fbboxrule\fbboxrule
9539 %{\let\current@color\TF@savecolor\set@color #3}%
9540 {\normalcolor #3}%
9541 }\endgroup
9542 }
9543 \renewenvironment{titled-frame}[1]{%
9544 \def\FrameCommand{\fbboxsep8pt\fbboxrule2pt
9545 \TitleBarFrame{\textbf{#1}}}%
9546 \def\FirstFrameCommand{\fbboxsep8pt\fbboxrule2pt
9547 \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1}}}%
9548 \def\MidFrameCommand{\fbboxsep8pt\fbboxrule2pt
9549 \TitleBarFrame[$\if@RTL\blacktriangleleft\else\blacktriangleright\fi$]{\textbf{#1\ (cont
9550 \def\LastFrameCommand{\fbboxsep8pt\fbboxrule2pt
9551 \TitleBarFrame{\textbf{#1\ (cont)}}}%

```

```

9552 \MakeFramed{\advance\hsize-20pt \FrameRestore}}}%
9553 % note: 8 + 2 + 8 + 2 = 20. Don't use \width because the frame title
9554 % could interfere with the width measurement.
9555 {\endMakeFramed}
9556 \chardef\FrameRestore=\catcode'\| % for debug
9557 \catcode'\|=\catcode'\% % (debug: insert space after backslash)
9558 \def\fb@put@frame#1#2{\relax
9559 \ifdim\pagegoal=\maxdimen \pagegoal\vsizel\fi
9560 | \message{===== Entering putframe =====^^J
9561 | \pagegoal=\the\pagegoal, \pagetotal=\the\pagetotal. }%
9562 \ifinner
9563 \fb@putboxa#1%
9564 \fb@afterframe
9565 \else
9566 \dimen@=\pagegoal \advance\dimen@-\pagetotal % natural space left on page
9567 \ifdim\dimen@<2\baselineskip % Too little room on page
9568 | \message{Page has only \the\dimen@\space room left; eject. }%
9569 \eject \fb@adjheight \fb@put@frame#1#2%
9570 \else % there's appreciable room left on the page
9571 \fb@sizeofframe#1%
9572 | \message{\string\pagetotal=\the\pagetotal,
9573 | \string\pagegoal=\the\pagegoal,
9574 | \string\pagestretch=\the\pagestretch,
9575 | \string\pageshrink=\the\pageshrink,
9576 | \string\fb@frh=\the\fb@frh. \space}
9577 | \message{^^JBox of size \the\ht\@tempboxa\space}%
9578 \begingroup % temporarily set \dimen@ to be...
9579 \advance\dimen@.8\pageshrink % maximum space available on page
9580 \advance\dimen@-\fb@frh\relax % max space available for frame's contents
9581 %%% LOOKS SUBTRACTED AND ADDED, SO DOUBLE ACCOUNTING!
9582 \expandafter\endgroup
9583 % expand \ifdim, then restore \dimen@ to real room left on page
9584 \ifdim\dimen@>\ht\@tempboxa % whole box does fit
9585 | \message{fits in \the\dimen@. }%
9586 % ToDo: Change this to use vsplit anyway to capture the marks
9587 % MERGE THIS WITH THE else CLAUSE!!!
9588 \fb@putboxa#1%
9589 \fb@afterframe
9590 \else % box must be split
9591 | \message{must be split to fit in \the\dimen@. }%
9592 % update frame measurement to use \FirstFrameCommand or \MidFrameCommand
9593 \fb@sizeofframe#2%
9594 \setbox\@tempboxa\vbox{% simulate frame and flexibility of the page:
9595 \vskip \fb@frh \@plus\pagestretch \@minus.8\pageshrink
9596 \kern137sp\kern-137sp\penalty-30
9597 \unvbox\@tempboxa}%
9598 \edef\fb@resto@set{\boxmaxdepth\the\boxmaxdepth
9599 \splittopskip\the\splittopskip}%
9600 \boxmaxdepth\z@ \splittopskip\z@
9601 | \message{^^JPadded box of size \the\ht\@tempboxa\space split to \the\dimen@}%

```

```

9602      % Split box here
9603      \setbox\tw@\vsplit\@tempboxa to\dimen@
9604 |      \toks99\expandafter{\splitfirstmark}%
9605 |      \toks98\expandafter{\splitbotmark}%
9606 |      \message{Marks are: \the\toks99, \the\toks98. }%
9607      \setbox\tw@\vbox{\unvbox\tw@}% natural-sized
9608 |      \message{Natural height of split box is \the\ht\tw@, leaving
9609 |          \the\ht\@tempboxa\space remainder. }%
9610      % If the split-to size > (\vsize-\topskip), then set box to full size.
9611      \begingroup
9612      \advance\dimen@\topskip
9613      \expandafter\endgroup
9614      \ifdim\dimen@>\pagegoal
9615 |          \message{Frame is big -- Use up the full column. }%
9616              \dimen@ii\pagegoal
9617              \advance\dimen@ii -\topskip
9618              \advance\dimen@ii \FrameHeightAdjust\relax
9619      \else % suspect this is implemented incorrectly:
9620          % If the split-to size > feasible room_on_page, rebox it smaller.
9621          \advance\dimen@.8\pageshrink
9622          \ifdim\ht\tw@>\dimen@
9623 |              \message{Box too tall; rebox it to \the\dimen@. }%
9624                  \dimen@ii\dimen@
9625              \else % use natural size
9626                  \dimen@ii\ht\tw@
9627              \fi
9628      \fi
9629      % Re-box contents to desired size \dimen@ii
9630      \advance\dimen@ii -\fb@frh
9631      \setbox\tw@\vbox to\dimen@ii \bgroup
9632      % remove simulated frame and page flexibility:
9633      \vskip -\fb@frh \@plus-\pagestretch \@minus-.8\pageshrink
9634      \unvbox\tw@ \unpenalty\unpenalty
9635      \ifdim\lastkern=-137sp % whole box went to next page
9636 |          \message{box split at beginning! }%
9637              % need work here???
9638              \egroup \fb@resto@set \eject % (\vskip for frame size was discarded)
9639              \fb@adjheight
9640              \fb@put@frame#1#2% INSERTED ???
9641      \else % Got material split off at the head
9642          \egroup \fb@resto@set
9643          \ifvoid\@tempboxa % it all fit after all
9644 |              \message{box split at end! }%
9645                  \setbox\@tempboxa\box\tw@
9646                  \fb@putboxa#1%
9647                  \fb@afterframe
9648              \else % it really did split
9649 |              \message{box split as expected. Its reboxed height is \the\ht\tw@. }%
9650                  \ifdim\wd\tw@>\z@
9651                      \wd\tw@\wd\@tempboxa

```

```

9652             \centerline{#2{\hboxL{\box\tw@}}}% ??? \centerline bad idea
9653         \else
9654 |             \message{Zero width means likely blank. Don't frame it (guess)}%
9655             \box\tw@
9656         \fi
9657         \hrule \@height\z@ \@width\hsize
9658         \eject
9659         \fb@adjheight
9660         \fb@put@frame\LastFrameCommand\MidFrameCommand
9661     \fi\fi\fi\fi\fi
9662 }
9663 \def\fb@putboxa#1{%
9664     \ifvoid\@tempboxa
9665         \PackageWarning{framed}{Boxa is void -- discard it. }%
9666     \else
9667 |         \message{Frame and place boxa. }%
9668 |         %{\showoutput\showbox\@tempboxa}%
9669         \centerline{#1{\hboxL{\box\@tempboxa}}}%
9670     \fi
9671 }
9672 \catcode'\|=\FrameRestore
9673 \def\FrameRestore{%
9674     \let\if@nbreak\iffalse
9675     \let\if@noskipsec\iffalse
9676     \let\-\@dischyph
9677     \let'\@acci\let'\@accii\let\=\@acciii
9678     % \message{FrameRestore:
9679     %     \@totalleftmargin=\the \@totalleftmargin,
9680     %     \rightmargin=\the\rightmargin,
9681     %     \@listdepth=\the\@listdepth. }%
9682     % Test if we are in a list (or list-like paragraph)
9683     \ifnum \ifdim\@totalleftmargin>\z@ 1\fi
9684         \ifdim\rightmargin>\z@ 1\fi
9685         \ifnum\@listdepth>\z@ 1\fi 0>\z@
9686     %     \message{In a list: \linewidth=\the\linewidth, \@totalleftmargin=\the\@totalleftmargin,
9687     %     \parshape=\the\parshape, \columnwidth=\the\columnwidth, \hsize=\the\hsize,
9688     %     \labelwidth=\the\labelwidth. }%
9689     \@setminipage % snug fit around the item
9690     % Now try to propageate changes of width from \hsize to list parameters.
9691     % This is deficient, but a more advanced way to indicate modification to text
9692     % dimensions is not (yet) provided; in particular, no separate left/right
9693     % adjustment.
9694     \advance\linewidth-\columnwidth \advance\linewidth\hsize
9695     \parshape\@ne \@totalleftmargin \linewidth
9696 \else % Not in list
9697     \linewidth=\hsize
9698     %\message{No list, set \string\linewidth=\the\hsize. }%
9699 \fi
9700 \sloppy
9701 }

```


7.63 ftnright-xetex-bidi.def

```
9702 \ProvidesFile{ftnright-xetex-bidi.def}[2013/04/10 v0.3 bidi adaptations for ftnright package
9703 \def\LTR@outputdblcol{\if@firstcolumn
9704   \global\@firstcolumnfalse
9705   \global\setbox\@leftcolumn\box\@outputbox
9706   \global\count\footins\@m
9707   \global\skip\footins\rcol@footinsskip
9708 \else \preparefootins
9709   \global\@firstcolumntrue
9710   \setbox\@outputbox\vbox{\hbox to\textwidth
9711     {\hbox to\columnwidth
9712       {\box\@leftcolumn\hss}%
9713       \hfil\vrule\@width\columnseprule\hfil
9714       \hbox to\columnwidth
9715         {\box\@outputbox\hss}}}%
9716   \@combinedblfloats\@outputpage
9717   \begingroup
9718     \@dblfloatplacement\@startdblcolumn
9719     \@whiles\if@fcolmade\fi
9720       {\@outputpage\@startdblcolumn}%
9721   \endgroup
9722 \fi}
9723 \def\RTL@outputdblcol{\if@firstcolumn
9724   \global\@firstcolumnfalse
9725   \global\setbox\@leftcolumn\box\@outputbox
9726   \global\count\footins\@m
9727   \global\skip\footins\rcol@footinsskip
9728 \else \preparefootins
9729   \global\@firstcolumntrue
9730   \setbox\@outputbox\vbox{\hbox to\textwidth
9731     {\hskip \columnwidth
9732       \hfil \vrule width\columnseprule \hfil
9733       \hbox to\columnwidth
9734         {\box\@leftcolumn\hss}%
9735       \hskip -\textwidth
9736       \hbox to\columnwidth
9737         {\box\@outputbox\hss}
9738       \hskip \columnsep
9739       \hskip \columnwidth}}}%
9740   \@combinedblfloats\@outputpage
9741   \begingroup
9742     \@dblfloatplacement\@startdblcolumn
9743     \@whiles\if@fcolmade\fi
9744       {\@outputpage\@startdblcolumn}%
9745   \endgroup
9746 \fi}
9747 \let\leftfootnoterule\@empty
9748 \let\rightfootnoterule\@empty
9749 \let\textwidthfootnoterule\@empty
```

```

9750 \let\autofooterule\@empty
9751 \let\footnoterule\@empty
9752 \long\def\@makefntext#1{\parindent 1em
9753   \noindent\hbox to 2em{}%
9754   \llap{\@thefnmark\hbox{.}\, \,}#1}

```

7.64 graphicx-xetex-bidi.def

```

9755 \ProvidesFile{graphicx-xetex-bidi.def}[2012/01/01 v0.4 bidi adaptations for graphicx package]
9756 \def\Grot@box@std#1#2{\ifmmode\else\if@RTL\beginL\fi\fi%
9757   \Grot@setangle{#1}%
9758   \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#2\if@RTL\endR\fi\else\if@RTL\beginR\fi#2\if@RTL\endR\fi}%
9759   \Grot@x\z@
9760   \Grot@y\z@
9761   \Grot@box\ifmmode\else\if@RTL\endL\fi\fi}
9762 \long\def\Gscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
9763   \leavevmode
9764   \def\Gscale@x{#1}\def\Gscale@y{#2}%
9765   \setbox\z@\hbox{#3}%
9766   \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
9767   \ifdim#2\p@<\z@
9768     \ht\tw@-#2\dp\z@
9769     \dp\tw@-#2\ht\z@
9770   \else
9771     \ht\tw@#2\ht\z@
9772     \dp\tw@#2\dp\z@
9773   \fi
9774   \ifdim#1\p@<\z@
9775     \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
9776   \else
9777     \wd\tw@#1\wd\z@
9778     \box\tw@
9779   \fi\ifmmode\else\if@RTL\endL\fi\fi}
9780 \def\Gin@iii[#1,#2][#3,#4]#5{%
9781   \begingroup
9782   \ifmmode\else\if@RTL\beginL\fi\fi
9783   \Gin@bbboxtrue
9784   \Gin@defaultbp\Gin@llx{#1}%
9785   \Gin@defaultbp\Gin@lly{#2}%
9786   \Gin@defaultbp\Gin@urx{#3}%
9787   \Gin@defaultbp\Gin@ury{#4}%
9788   \Gin@include@graphics{#5}%
9789   \ifmmode\else\if@RTL\endL\fi\fi
9790   \endgroup}
9791 \def\Gin@ii[#1]#2{%
9792   \def\@tempa{[]}\def\@tempb{#2}%
9793   \ifx\@tempa\@tempb
9794     \def\@tempa{\Gin@iii[#1] []}%
9795     \expandafter\@tempa
9796   \else

```

```

9797 \begingroup
9798 \ifmmode\else\if@RTL\beginL\fi\fi
9799 \@tempswafalse
9800 \toks@{\Ginclude@graphics{#2}}%
9801 \setkeys{Gin}{#1}%
9802 \Gin@esetsize
9803 \the\toks@
9804 \ifmmode\else\if@RTL\endL\fi\fi
9805 \endgroup
9806 \fi}
9807 \def\reflectbox{\bidiGscale@box-1[1]}
9808 \long\def\bidiGscale@box#1[#2]#3{\ifmmode\else\if@RTL\beginL\fi\fi%
9809 \leavevmode
9810 \def\Gscale@x{#1}\def\Gscale@y{#2}%
9811 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if@RTL\endR\fi}%
9812 \setbox\tw@\hbox{\Gscale@start\rlap{\copy\z@}\Gscale@end}%
9813 \ifdim#2\p@<\z@
9814 \ht\tw@-#2\dp\z@
9815 \dp\tw@-#2\ht\z@
9816 \else
9817 \ht\tw@#2\ht\z@
9818 \dp\tw@#2\dp\z@
9819 \fi
9820 \ifdim#1\p@<\z@
9821 \hb@xt@-#1\wd\z@{\kern-#1\wd\z@\box\tw@\hss}%
9822 \else
9823 \wd\tw@#1\wd\z@
9824 \box\tw@
9825 \fi\ifmmode\else\if@RTL\endL\fi\fi}
9826 \def\scalebox#1{%
9827 \@ifnextchar[{\bidiGscale@box{#1}}{\bidiGscale@box{#1}[#1]}%
9828 \def\resizebox{%
9829 \leavevmode
9830 \@ifstar{\bidiGscale@@box\totalheight}{\bidiGscale@@box\height}}
9831 \def\bidiGscale@@box#1#2#3{%
9832 \let@tempa\Gin@exclamation
9833 \expandafter\def\expandafter\@tempb\expandafter{\string#2}%
9834 \expandafter\def\expandafter\@tempc\expandafter{\string#3}%
9835 \ifx\@tempb\@tempa
9836 \ifx\@tempc\@tempa
9837 \toks@{\mbox}%
9838 \else
9839 \toks@{\bidiGscale@box@dd{#3}#1}%
9840 \fi
9841 \else
9842 \ifx\@tempc\@tempa
9843 \toks@{\bidiGscale@box@dd{#2}\width}%
9844 \else
9845 \toks@{\bidiGscale@box@ddd{#2}\width{#3}#1}%
9846 \fi

```

```

9847 \fi
9848 \the\toks@}
9849 \long\def\bidigscale@box@dd#1#2#3{%
9850 \begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#3\if@RTL\endR\fi\else\if@RTL\beginR\fi#3\if
9851 \setlength\@tempdima{#1}%
9852 \setlength\@tempdimb{#2}%
9853 \Gscale@div\@tempa\@tempdima\@tempdimb
9854 \Gscale@box\@tempa[\@tempa]{\box\@tempboxa}%
9855 \end@tempboxa}
9856 \long\def\bidigscale@box@dddd#1#2#3#4#5{%
9857 \begin@tempboxa\hbox{\ifmmode\if@RTL\beginR\fi#5\if@RTL\endR\fi\else\if@RTL\beginR\fi#5\if
9858 \setlength\@tempdima{#1}%
9859 \setlength\@tempdimb{#2}%
9860 \Gscale@div\@tempa\@tempdima\@tempdimb
9861 \setlength\@tempdima{#3}%
9862 \setlength\@tempdimb{#4}%
9863 \Gscale@div\@tempb\@tempdima\@tempdimb
9864 \ifGin@iso
9865 \ifdim\@tempa\p@>\@tempb\p@
9866 \let\@tempa\@tempb
9867 \else
9868 \let\@tempb\@tempa
9869 \fi
9870 \fi
9871 \Gscale@box\@tempa[\@tempb]{\box\@tempboxa}%
9872 \end@tempboxa}

```

7.65 geometry-xetex-bidi.def

```

9873 \ProvidesFile{geometry-xetex-bidi.def}[2013/04/01 v0.1 bidi adaptations for geometry package]
9874 \renewcommand*{\Gm@vrules@mpi}{%
9875 \if@RTLmain%
9876 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9877 \llap{\Gm@vrule}\ignorespaces
9878 \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9879 \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}%
9880 \else%
9881 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
9882 \hskip \textwidth\Gm@vrule\hskip \marginparsep
9883 \llap{\Gm@vrule}\hfil\Gm@vrule}\fi}%
9884 \renewcommand*{\Gm@vrules@mpii}{%
9885 \if@RTLmain%
9886 \hb@xt@\@tempdima{\llap{\Gm@vrule}\ignorespaces
9887 \hskip \textwidth\Gm@vrule\hskip \marginparsep
9888 \llap{\Gm@vrule}\hfil\Gm@vrule}%
9889 \else%
9890 \hb@xt@\@tempdima{\hskip-\marginparwidth\hskip-\marginparsep
9891 \llap{\Gm@vrule}\ignorespaces
9892 \hskip \marginparwidth\rlap{\Gm@vrule}\hskip \marginparsep
9893 \llap{\Gm@vrule}\hskip\textwidth\rlap{\Gm@vrule}\hss}\fi}%

```

9894

7.66 hvfloat-xetex-bidi.def

```
9895 \ProvidesFile{hvfloat-xetex-bidi.def}[2012/04/18 v0.2 bidi adaptations for hvfloat package for xetex]
9896 \def\do@hvFloat[#1]#2#3{%
9897 \def\hv@shortCap{#1}
9898 \def\hv@longCap{#2}
9899 \def\hv@label{#3}
9900 %\newcommand*{\hvFloat}[5][{}]{%
9901 % #1: keyvalues
9902 % #2: type figure | table | ...
9903 % #3: float contents
9904 % #4: short caption
9905 % #5: caption
9906 % #6: label
9907 % \setDefaults%
9908 % \def@tempa{#1}%
9909 % \ifx\@tempa\empty\else\setkeys{hvSet}{#1}\fi% set options, only when not empty
9910 \def@tempa{90}%
9911 \ifx\hvSet@rotAngle\@tempa \setlength{\hvMaxCapWidth}{\textheight}
9912 \else \setlength{\hvMaxCapWidth}{\linewidth}
9913 \fi
9914 %
9915 % First we save the object in \hvObjectBox
9916 %
9917 \ifx\hvSet@objectAngle\hv@Zero % rotate the object?
9918 \savebox{\hvObjectBox}{\ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}
9919 \else
9920 \savebox{\hvObjectBox}{%
9921 \rotatebox{\hvSet@objectAngle}{%
9922 \ifhv@useOBox\usebox{\hvOBox}\else\hv@floatObject\fi}}
9923 \fi
9924 \setlength{\hvObjectWidth}{\wd\hvObjectBox}
9925 %
9926 % Now we save the caption with its defined \hvCapWidth
9927 %
9928 \ifx\hvSet@capWidth\hv@Width\setlength{\hvCapWidth}{\hvObjectWidth}
9929 \else
9930 \ifx\hvSet@capWidth\hv@Height\setlength{\hvCapWidth}{\ht\hvObjectBox}
9931 \else
9932 \setlength{\hvCapWidth}{\hvObjectWidth}
9933 \ifx\hvSet@capPos\hv@Left\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
9934 \ifx\hvSet@capPos\hv@Right\addtolength{\hvMaxCapWidth}{-\hvObjectWidth}\fi
9935 \ifdim\hvSet@capWidth\columnwidth<\hvMaxCapWidth
9936 \setlength{\hvCapWidth}{\hvSet@capWidth\columnwidth}
9937 \else
9938 \setlength{\hvCapWidth}{\hvMaxCapWidth}
9939 \fi
9940 \fi
```

```

9941 \fi
9942 %
9943 % now we have the object and the caption with the right
9944 % rotated angles saved in boxes
9945 %
9946 \def\fps@figure{\hvSet@floatPos}
9947 \ifhv@nonFloat\begin{group}% Start the nonfloat part
9948 \else \begin{\hv@floatType}% Start the floating environment
9949 \fi%
9950 \saveCaptionSkip% we put this space ourselves
9951 \ifx\hvSet@capAngle\hv@Width % need rotation?
9952 \sbox{\hvCaptionBox}{%
9953 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
9954 \ifhv@nonFloat%
9955 \ifhv@onlyText#2%
9956 \else%
9957 \ifx\hv@floatType\hv@figure
9958 \ifx\relax#1\relax \figcaption{#2}\else\figcaption[#1]{#2}\fi
9959 \else
9960 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[#1]{#2}\fi%
9961 \fi
9962 \fi
9963 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[#1]{#2}\fi%
9964 \fi%
9965 \label{#3}%
9966 \end{minipage}%
9967 }%
9968 \else%
9969 \sbox{\hvCaptionBox}{%
9970 \rotatebox{\hvSet@capAngle}{%
9971 \begin{minipage}[b]{\hvCapWidth}% minipage, to get hyphenation
9972 \ifhv@nonFloat%
9973 \ifhv@onlyText#2%
9974 \else%
9975 \ifx\hv@floatType\hv@figure
9976 \ifx\relax#1\relax \figcaption{#2}\else\figcaption[#1]{#2}\fi
9977 \else
9978 \ifx\relax#1\relax \tabcaption{#2}\else\tabcaption[#1]{#2}\fi%
9979 \fi
9980 \fi
9981 \else\ifx\relax\hv@shortCap\relax\caption{#2}\else\caption[#1]{#2}\fi%
9982 \fi%
9983 \label{#3}%
9984 \end{minipage}%
9985 }%
9986 }%
9987 \fi%
9988 %%
9989 \restoreCaptionSkip% save old values
9990 \ifx\hvSet@objectPos\hv@Right\bidiraggedleft%

```

```

9991 \else%
9992 \ifx\hvSet@objectPos\hv@Center
9993 \ifhv@nonFloat\hspace*{\fill}\else\centering\fi%
9994 \fi%
9995 \fi%
9996 %
9997 % to rotate object and caption together, we save all in another box
9998 % the caption comes first, if its on the left or the top
9999 %
10000 \savebox{\@tempboxa}{%
10001 \ifx\hvSet@capPos\hv@Left % caption on left side
10002 \if@RTL%
10003 \ifx\hvSet@capVPos\hv@Center%
10004 \ifhv@fbox
10005 \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10006 \else
10007 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10008 \fi%
10009 \hspace{\hvSet@floatCapSep pt}%
10010 \ifhv@fbox
10011 \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10012 \else
10013 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10014 \fi%
10015 \else%
10016 \ifx\hvSet@capVPos\hv@Top
10017 \ifhv@fbox
10018 \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10019 \else
10020 \raisebox{-\height}{\usebox{\hvObjectBox}}%
10021 \fi%
10022 \hspace{\hvSet@floatCapSep pt}%
10023 \ifhv@fbox
10024 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10025 \else
10026 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10027 \fi
10028 \else
10029 \ifhv@fbox
10030 \fbox{\usebox{\hvObjectBox}}%
10031 \else
10032 \usebox{\hvObjectBox}%
10033 \fi
10034 \hspace{\hvSet@floatCapSep pt}%
10035 \ifhv@fbox
10036 \fbox{\usebox{\hvCaptionBox}}%
10037 \else
10038 \usebox{\hvCaptionBox}%
10039 \fi%
10040 \fi%

```

```

10041 \fi%
10042 \else% not RTL
10043     \ifx\hvSet@capVPos\hv@Center%
10044         \ifhv@fbox\fbbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10045         \else         \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10046         \fi%
10047         \hspace{\hvSet@floatCapSep pt}% capfloatsep
10048         \ifhv@fbox\fbbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}%
10049         \else         \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10050         \fi%
10051 \else%
10052     \ifx\hvSet@capVPos\hv@Top % caption at top
10053         \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10054         \else         \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10055         \fi
10056         \hspace{\hvSet@floatCapSep pt}% capfloatsep
10057         \ifhv@fbox\fbbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10058         \else         \raisebox{-\height}{\usebox{\hvObjectBox}}%
10059         \fi%
10060     \else% caption on bottom
10061         \ifhv@fbox\fbbox{\usebox{\hvCaptionBox}}
10062         \else\usebox{\hvCaptionBox}
10063         \fi%
10064         \hspace{\hvSet@floatCapSep pt}%
10065         \ifhv@fbox\fbbox{\usebox{\hvObjectBox}}
10066         \else         \usebox{\hvObjectBox}
10067         \fi%
10068     \fi%
10069 \fi% end of RTL
10070 \fi%
10071 \else
10072 \ifx\hvSet@capPos\hv@Top
10073 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10074 \begin{minipage}{\wd\hvCaptionBox}
10075 \else
10076 \begin{minipage}{\wd\hvObjectBox}
10077 \fi
10078 \centering
10079 \ifhv@fbox
10080 \fbbox{\usebox{\hvCaptionBox}}\[\hvBelowCaptionSkip]
10081 \fbbox{\usebox{\hvObjectBox}}
10082 \else
10083 \usebox{\hvCaptionBox}\[\hvBelowCaptionSkip]
10084 \usebox{\hvObjectBox}
10085 \fi%
10086 \end{minipage}
10087 \else
10088 \ifx\hvSet@capPos\hv@Bottom
10089 \ifdim\wd\hvCaptionBox>\wd\hvObjectBox
10090 \begin{minipage}{\wd\hvCaptionBox}

```



```

10091 \else
10092 \begin{minipage}{\wd\hvObjectBox}
10093 \fi
10094 \centering
10095 \ifhv@fbox
10096 \fbox{\usebox{\hvObjectBox}}\[\hvAboveCaptionSkip]
10097 \fbox{\usebox{\hvCaptionBox}}
10098 \else
10099 \usebox{\hvObjectBox}\[\hvAboveCaptionSkip]
10100 \usebox{\hvCaptionBox}
10101 \fi%
10102 \end{minipage}
10103 \else% the last option: put the caption on the right
10104 \if@RTL%
10105     \ifx\hvSet@capVPos\hv@Center%
10106         \ifhv@fbox\fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10107     \else     \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}%
10108     \fi%
10109     \hspace{\hvSet@floatCapSep pt}% capfloatsep
10110     \ifhv@fbox\fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10111 \else     \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10112 \fi%
10113 \else%
10114     \ifx\hvSet@capVPos\hv@Top % caption at top
10115         \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10116     \else     \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10117     \fi
10118     \hspace{\hvSet@floatCapSep pt}% capfloatsep
10119     \ifhv@fbox\fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}
10120 \else     \raisebox{-\height}{\usebox{\hvObjectBox}}%
10121 \fi%
10122 \else% caption on bottom
10123     \ifhv@fbox\fbox{\usebox{\hvCaptionBox}}
10124     \else\usebox{\hvCaptionBox}
10125     \fi%
10126     \hspace{\hvSet@floatCapSep pt}%
10127     \ifhv@fbox\fbox{\usebox{\hvObjectBox}}
10128 \else     \usebox{\hvObjectBox}
10129 \fi%
10130 \fi%
10131 \fi%
10132 \else% not RTL
10133 \ifx\hvSet@capVPos\hv@Center%
10134 \ifhv@fbox
10135 \fbox{\parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}}
10136 \else
10137 \parbox{\wd\hvObjectBox}{\usebox{\hvObjectBox}}
10138 \fi%
10139 \hspace{\hvSet@floatCapSep pt}%
10140 \ifhv@fbox

```

```

10141 \fbox{\parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}}%
10142 \else
10143 \parbox{\wd\hvCaptionBox}{\usebox{\hvCaptionBox}}
10144 \fi%
10145 \else%
10146 \ifx\hvSet@capVPos\hv@Top
10147 \ifhv@fbox
10148 \fbox{\raisebox{-\height}{\usebox{\hvObjectBox}}}%
10149 \else
10150 \raisebox{-\height}{\usebox{\hvObjectBox}}%
10151 \fi%
10152 \hspace{\hvSet@floatCapSep pt}%
10153 \ifhv@fbox
10154 \fbox{\raisebox{-\height}{\usebox{\hvCaptionBox}}}%
10155 \else
10156 \raisebox{-\height}{\usebox{\hvCaptionBox}}%
10157 \fi
10158 \else
10159 \ifhv@fbox
10160 \fbox{\usebox{\hvObjectBox}}%
10161 \else
10162 \usebox{\hvObjectBox}%
10163 \fi
10164 \hspace{\hvSet@floatCapSep pt}%
10165 \ifhv@fbox
10166 \fbox{\usebox{\hvCaptionBox}}%
10167 \else
10168 \usebox{\hvCaptionBox}%
10169 \fi%
10170 \fi%
10171 \fi
10172 \fi% end of RTL
10173 \fi
10174 \fi
10175 \fi
10176 }% End savebox Object and caption
10177 %
10178 % now we rotate the object and caption, if needed
10179 %
10180 \ifx\hvSet@rotAngle\hv@Zero
10181 \usebox{\@tempboxa}
10182 \else
10183 \rotatebox{\hvSet@rotAngle}{\usebox{\@tempboxa}}
10184 \fi
10185 \ifhv@nonFloat
10186 \ifx\hvSet@objectPos\hv@Center
10187 \ifhv@nonFloat
10188 \hspace{\fill}
10189 \fi
10190 \fi

```

```

10191 \endgroup% End the nonfloat part
10192 \else
10193 \end{\hv@floatType}% End the floating environment
10194 \fi
10195 }

```

7.67 hyperref-xetex-bidi.def

```

10196 \ProvidesFile{hyperref-xetex-bidi.def}[2013/04/08 v0.7 bidi adaptations for hyperref package]
10197 \AtBeginDocument{%
10198 \def\contentsline#1#2#3#4{%
10199   \ifx\\#4\\%
10200     \csname l@#1\endcsname{#2}{#3}%
10201   \else
10202     \ifcase\Hy@linktoc % none
10203       \csname l@#1\endcsname{#2}{#3}%
10204     \or % section
10205       \csname l@#1\endcsname{%
10206         \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10207       }{#3}%
10208     \or % page
10209       \csname l@#1\endcsname{{#2}}{%
10210         \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10211       }%
10212     \else % all
10213       \csname l@#1\endcsname{%
10214         \beginL\hyper@linkstart{link}{#4}{\if@RTL\beginR\fi#2\if@RTL\endR\fi}\hyper@linkend\endL
10215       }{%
10216         \beginL\hyper@linkstart{link}{#4}{#3}\hyper@linkend\endL
10217       }%
10218     \fi
10219   \fi
10220 }
10221 \ifHy@hyperfootnotes
10222   \let\H@@footnotetext\@footnotetext
10223   \let\HRTL@RTLfootnotetext\@RTLfootnotetext
10224   \let\HLTR@LTRfootnotetext\@LTRfootnotetext
10225   \def\@xfootnotenext[#1]{%
10226     \begingroup
10227       \csname c@\mpfn\endcsname #1\relax
10228       \unrestored@protected@xdef\@thefnmark{\thempfn}%
10229     \endgroup
10230     \ifx\@footnotetext\@mpfootnotetext
10231       \expandafter\H@@mpfootnotetext
10232     \else
10233       \expandafter\H@@footnotetext
10234     \fi
10235   }%
10236   \def\@xRTLfootnotenext[#1]{%
10237     \begingroup

```

```

10238     \csname c@\mpfn\endcsname #1\relax
10239     \unrestored@protected@xdef\@thefnmark{\thempfn}%
10240 \endgroup
10241 \ifx\@RTLfootnotetext\@mpRTLfootnotetext
10242     \expandafter\HRTL@\mpRTLfootnotetext
10243 \else
10244     \expandafter\HRTL@\RTLfootnotetext
10245 \fi
10246 }%
10247 \def\@xLTRfootnotenext[#1]{%
10248 \begingroup
10249     \csname c@\mpfn\endcsname #1\relax
10250     \unrestored@protected@xdef\@thefnmark{\thempfn}%
10251 \endgroup
10252 \ifx\@LTRfootnotetext\@mpLTRfootnotetext
10253     \expandafter\HLTR@\mpLTRfootnotetext
10254 \else
10255     \expandafter\HLTR@\LTRfootnotetext
10256 \fi
10257 }%
10258 \def\@xfootnotemark[#1]{%
10259 \begingroup
10260     \c@footnote #1\relax
10261     \unrestored@protected@xdef\@thefnmark{\thefootnote}%
10262 \endgroup
10263 \H@\@footnotemark
10264 }%
10265 \let\H@\mpfootnotetext\@mpfootnotetext
10266 \let\HRTL@\mpRTLfootnotetext\@mpRTLfootnotetext
10267 \let\HLTR@\mpLTRfootnotetext\@mpLTRfootnotetext
10268 \long\def\@mpfootnotetext#1{%
10269     \H@\mpfootnotetext{%
10270         \ifHy@nesting
10271             \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10272         \else
10273             \Hy@raisedlink{%
10274                 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10275             }#1%
10276         \fi
10277     }%
10278 }%
10279 \long\def\@mpRTLfootnotetext#1{%
10280     \HRTL@\mpRTLfootnotetext{%
10281         \ifHy@nesting
10282             \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10283         \else
10284             \Hy@raisedlink{%
10285                 \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10286             }#1%
10287         \fi

```

```

10288     }%
10289 }%
10290 \long\def\@mplTRfootnotetext#1{%
10291 \HLTR@@mplTRfootnotetext{%
10292   \ifHy@nesting
10293     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10294   \else
10295     \Hy@raisedlink{%
10296       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10297     }#1%
10298   \fi
10299 }%
10300 }%
10301 \long\def\@footnotetext#1{%
10302 \H@@footnotetext{%
10303   \ifHy@nesting
10304     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10305   \else
10306     \Hy@raisedlink{%
10307       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10308     }%
10309     \let\@currentHlabel\Hy@footnote@currentHlabel
10310     \let\@currentHref\Hy@footnote@currentHref
10311     \let\@currentlabelname\@empty
10312     #1%
10313   \fi
10314 }%
10315 }%
10316 \long\def\@RTLfootnotetext#1{%
10317 \HRTL@@RTLfootnotetext{%
10318   \ifHy@nesting
10319     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10320   \else
10321     \Hy@raisedlink{%
10322       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%
10323     }%
10324     \let\@currentHlabel\Hy@footnote@currentHlabel
10325     \let\@currentHref\Hy@footnote@currentHref
10326     \let\@currentlabelname\@empty
10327     #1%
10328   \fi
10329 }%
10330 }%
10331 \long\def\@LTRfootnotetext#1{%
10332 \HLTR@@LTRfootnotetext{%
10333   \ifHy@nesting
10334     \hyper@@anchor{\Hy@footnote@currentHref}{#1}%
10335   \else
10336     \Hy@raisedlink{%
10337       \hyper@@anchor{\Hy@footnote@currentHref}{\relax}%

```

```

10338     }%
10339     \let\@currentHlabel\Hy@footnote@currentHlabel
10340     \let\@currentHref\Hy@footnote@currentHref
10341     \let\@currentlabelname\@empty
10342     #1%
10343     \fi
10344 }%
10345 }%
10346 \def\@footnotemark{%
10347     \leavevmode
10348     \ifhmode\edef\@x@sf{\the\spacefactor}\nobreak\fi
10349     \stepcounter{Hfootnote}%
10350     \global\let\Hy@saved@currentHlabel\@currentHlabel
10351     \global\let\Hy@saved@currentHref\@currentHref
10352     \hyper@makecurrent{Hfootnote}%
10353     \global\let\Hy@footnote@currentHlabel\@currentHlabel
10354     \global\let\Hy@footnote@currentHref\@currentHref
10355     \global\let\@currentHlabel\Hy@saved@currentHlabel
10356     \global\let\@currentHref\Hy@saved@currentHref
10357     \beginL\hyper@linkstart{link}{\Hy@footnote@currentHref}%
10358     \@makefnmark
10359     \hyper@linkend\endL
10360     \ifhmode\spacefactor\@x@sf\fi
10361     \relax
10362 }%
10363 \let\HyOrg@maketitle\maketitle
10364 \def\maketitle{%
10365     \let\Hy@saved@footnotemark\@footnotemark
10366     \let\Hy@saved@footnotetext\@footnotetext
10367     \let\HyRTL@saved@RTLfootnotetext\@RTLfootnotetext
10368     \let\HyLTR@saved@LTRfootnotetext\@LTRfootnotetext
10369     \let\@footnotemark\H@@footnotemark
10370     \let\@footnotetext\H@@footnotetext
10371     \let\@RTLfootnotetext\HRTL@@RTLfootnotetext
10372     \let\@LTRfootnotetext\HLTR@@LTRfootnotetext
10373     \@ifnextchar[\Hy@maketitle@optarg{% ]
10374         \HyOrg@maketitle
10375         \Hy@maketitle@end
10376     }%
10377 }%
10378 \def\Hy@maketitle@optarg[#1]{%
10379     \HyOrg@maketitle[#{#1}]%
10380     \Hy@maketitle@end
10381 }%
10382 \def\Hy@maketitle@end{%
10383     \ifx\@footnotemark\H@@footnotemark
10384         \let\@footnotemark\Hy@saved@footnotemark
10385     \fi
10386     \ifx\@footnotetext\H@@footnotetext
10387         \let\@footnotetext\Hy@saved@footnotetext

```

```

10388 \fi
10389 \ifx\@RTLfootnotetext\HRTL\@RTLfootnotetext
10390 \let\@RTLfootnotetext\HyRTL\@saved@RTLfootnotetext
10391 \fi
10392 \ifx\@LTRfootnotetext\HLTR\@LTRfootnotetext
10393 \let\@LTRfootnotetext\HyLTR\@saved@LTRfootnotetext
10394 \fi
10395 }%
10396 \def\realfootnote{%
10397 \ifnextchar[\@xfootnote{%
10398 \stepcounter{\@mpfn}%
10399 \protected@xdef\@thefnmark{\thempfn}%
10400 \H@{footnotemark}\H@{footnotetext
10401 }%
10402 }%
10403 \fi
10404 \def\hyper@link#1#2#3{%
10405 \ifmmode\else\beginL\fi\hyper@linkstart{#1}{#2}\ifmmode\else\if@RTL\beginR\fi\fi#3\ifmmode\fi
10406 }
10407 \def\url@#1{\beginL\hyper@linkurl{\Hurl{#1}}{#1}\endL}
10408 \def\hyper@natlinkstart#1{%
10409 \Hy@backout{#1}%
10410 \beginL\hyper@linkstart{cite}{cite.#1}\if@RTL\beginR\fi%
10411 \def\hyper@nat@current{#1}%
10412 }
10413 \def\hyper@natlinkend{%
10414 \if@RTL\endR\fi\hyper@linkend\endL
10415 }
10416 \def\hyper@natlinkbreak#1#2{%
10417 \if@RTL\endR\fi\hyper@linkend\endL#1\beginL\hyper@linkstart{cite}{cite.#2}\if@RTL\beginR\fi
10418 }%
10419 }
10420 \begingroup
10421 \catcode'\$=6 %
10422 \catcode'\#=12 %
10423 \gdef\href@\$1{\expandafter\href@split$1##\}%
10424 \gdef\href@split$1$2#$3\\$4{%
10425 \beginL\hyper@@link{#1}{#2}{\if@RTL\beginR\fi$4\if@RTL\endR\fi}\endL%
10426 \endgroup
10427 }%
10428 \endgroup
10429 \pdfstringdefDisableCommands{%
10430 \let\LRE\@firstofone
10431 \let\LR\@firstofone
10432 \let\RLE\@firstofone
10433 \let\RL\@firstofone
10434 \def\XeTeX{\XeTeX}
10435 \def\XeLaTeX{\XeLaTeX}
10436 }

```

7.68 leqno-xetex-bidi.def

```
10437 \ProvidesFile{leqno-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for leqno tag for XeTeX
10438 \renewcommand\@eqnnum{\hb@xt@.01\p@{}}%
10439 \rlap{
10440 \hskip -\displaywidth{\normalfont\normalcolor\if@RTL\beginR\fi(\theeqnnum\fi}
```

7.69 letter-xetex-bidi.def

```
10441 \ProvidesFile{letter-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for standard letter cla
10442 \renewcommand*\@opening{[1]{\ifx\@empty\fromaddress
10443 \thispagestyle{firstpage}%
10444 {\if@RTL\raggedright\else\raggedleft\fi\@date\par}%
10445 \else % home address
10446 \thispagestyle{empty}%
10447 {\if@RTL\raggedright\else\raggedleft\fi\if@RTL\begin{tabular}{r@{}}\else\begin{tabular}{l@{}}
10448 \fromaddress \[*[2\parskip]%
10449 \@date \end{tabular}\par}%
10450 \fi
10451 \vspace{2\parskip}%
10452 {\if@RTL\raggedleft\else\raggedright\fi \toname \ \ toaddress \par}%
10453 \vspace{2\parskip}%
10454 #1\par\nobreak}
10455 \renewcommand\left@footnoterule{%
10456 \kern-\p@
10457 \hrule \@width .4\columnwidth
10458 \kern .6\p@}
10459 \renewcommand\right@footnoterule{%
10460 \hbox to \columnwidth
10461 {\beginR \vbox{%
10462 \kern-\p@
10463 \hrule \@width .4\columnwidth
10464 \kern .6\p@}\hfil\endR}}
```

7.70 lettrine-xetex-bidi.def

```
10465 \ProvidesFile{lettrine-xetex-bidi.def}[2014/09/14 v0.3 bidi adaptations for lettrine package
10466 \def\@lettrine[#1]#2#3{%
10467 \setcounter{L@lines}{\theDefaultLines}%
10468 \renewcommand*\L@hang{\DefaultLhang}%
10469 \renewcommand*\L@oversize{\DefaultLoversize}%
10470 \renewcommand*\L@raise{\DefaultLraise}%
10471 \renewcommand*\L@ante{\}%
10472 \setlength{\L@Findent}{\DefaultFindent}%
10473 \setlength{\L@Nindent}{\DefaultNindent}%
10474 \setlength{\L@slope}{\DefaultSlope}%
10475 \ifLettrineImage\L@imagetrue\else\L@imagefalse\fi
10476 \if\DefaultOptionsFile\relax
10477 \else
10478 \begingroup
10479 \InputIfFileExists{\DefaultOptionsFile}%
10480 {}%
```



```

10481      {\PackageWarning{lettrine.sty}%
10482        {File \DefaultOptionsFile\space not found}%
10483      }%
10484      \def\color##1##{\l@color{##1}}%
10485      \let\l@color\@gobbletwo
10486      \def\textcolor##1##{\l@textcolor{##1}}%
10487      \def\l@textcolor##1##2##3{##3}%
10488      \expandafter\ifx\csname l@#2-keys\endcsname\relax
10489        \gdef\l@LOKeys{%
10490          \else
10491            \xdef\l@LOKeys{\csname l@#2-keys\endcsname}%
10492          \fi
10493      \endgroup
10494      \def\KV@prefix{KV@L@}%
10495      \let\@tempc\relax
10496      \expandafter\KV@do\l@LOKeys,\relax,
10497      \sbox{\L@lbox}{\LettrineFont #2}%
10498      \setlength{\LettrineWidth}{\wd\L@lbox}%
10499      \def\KV@prefix{KV@L@}%
10500      \let\@tempc\relax
10501      \expandafter\KV@do\l@LOKeys,\relax,
10502      \fi
10503      \setkeys{L}{#1}%
10504      \ifL@image
10505        \sbox{\L@lbox}{\LettrineFontEPS{#2}}%
10506      \else
10507        \sbox{\L@lbox}{\LettrineFont #2}%
10508      \fi
10509      \sbox{\L@tbox}{\LettrineTextFont{#3}}%
10510      \@tempdima=\baselineskip
10511      \ifnum\theL@lines=1
10512        \setlength{\L@first}{\ht\L@lbox}%
10513        \addtolength{\L@first}{-\ht\L@tbox}%
10514        \setlength{\L@lraise}{\z@}%
10515      \else
10516        \setlength{\L@first}{-\theL@lines\@tempdima}%
10517        \addtolength{\L@first}{\@tempdima}%
10518        \sbox{\@tempboxa}{\LettrineTextFont x}%
10519        \addtolength{\L@first}{-\ht\@tempboxa}%
10520        \setlength{\L@lraise}{-\L@raise\L@first}%
10521        \addtolength{\L@first}{\L@lraise}%
10522        \addtolength{\L@first}{\ht\L@lbox}%
10523        \addtolength{\L@lraise}{-\theL@lines\@tempdima}%
10524        \addtolength{\L@lraise}{\@tempdima}%
10525      \fi
10526      \par
10527      \ifdim\L@first>0.2\p@\vskip\L@first\fi
10528      \setlength{\L@Pindent}{\wd\L@lbox}%
10529      \addtolength{\L@Pindent}{-\L@hang\wd\L@lbox}%
10530      \settowidth{\L@first}{\L@ante}%

```

```

10531 \addtolength{\L@Pindent}{\L@first}%
10532 \addtolength{\L@Pindent}{\L@Findent}%
10533 \setlength{\L@first}{\linewidth}%
10534 \addtolength{\L@first}{-\L@Pindent}%
10535 \addtolength{\L@Nindent}{\L@Pindent}%
10536 \setlength{\L@next}{\linewidth}%
10537 \addtolength{\L@next}{-\L@Nindent}%
10538 \addtolength{\L@Pindent}{\rightmargin}%
10539 \addtolength{\L@Nindent}{\rightmargin}%
10540 \setlength{\LettrineWidth}{\wd\L@lbox}%
10541 \setlength{\LettrineHeight}{\ht\L@lbox}%
10542 \setlength{\LettrineDepth}{\dp\L@lbox}%
10543 \addtocounter{L@lines}{1}%
10544 \if@RTL\def\L@parshape{\c@L@lines Opt \the\L@first}\else\def\L@parshape{\c@L@lines \the\L@first}%
10545 \@tempcnta=\tw@
10546 \@whilenum \@tempcnta<\c@L@lines\do{%
10547   \if@RTL\edef\L@parshape{\L@parshape Opt \the\L@next}\else\edef\L@parshape{\L@parshape \the\L@next}%
10548   \addtolength{\L@Nindent}{\L@slope}%
10549   \addtolength{\L@next}{-\L@slope}%
10550   \advance\@tempcnta\@ne}%
10551 \if@RTL \edef\L@parshape{\L@parshape Opt \the\linewidth}\else\edef\L@parshape{\L@parshape \the\linewidth}%
10552 \noindent
10553 \parshape=\L@parshape\relax
10554 \smash{\llap{\mbox{\L@ante}\raisebox{\L@lraise}{\usebox{\L@lbox}}}%
10555   \hskip \the\L@Findent}%
10556 \usebox{\L@tbox}%
10557 }

```

7.71 listings-xetex-bidi.def

```

10558 \ProvidesFile{listings-xetex-bidi.def}[2014/07/19 v0.6 bidi adaptations for listings package]
10559 \lst@Key{captiondirection}{textdirection}{%
10560   \lstKV@SwitchCases{#1}%
10561   {textdirection&\\%
10562     RTL&\chardef\bidi@lst@caption@direction\@ne\\%
10563     LTR&\chardef\bidi@lst@caption@direction\@z}%
10564   }{\PackageError{Listings}{direction #1 unknown}\@ehc}}
10565 \newcommand*{\bidi@lst@ensure@caption@direction}[2]{%
10566   \ifundefined{bidi@lst@caption@direction}{-}{%
10567     \ifnum\bidi@lst@caption@direction=\@z%
10568       #1%
10569     \else%
10570       \ifnum\bidi@lst@caption@direction=\@ne%
10571         #2%
10572       \fi%
10573     \fi%
10574   }}
10575 \long\def\@bidi@lst@makecaption#1#2{%
10576   \vskip\abovcaptionskip
10577   \bidi@lst@ensure@caption@direction{\@RTLfalse}{\@RTLtrue}%

```

```

10578 \sbox\@tempboxa{%
10579 \bidi@lst@ensure@caption@direction{\beginL}{\beginR}%
10580 #1: #2%
10581 \bidi@lst@ensure@caption@direction{\endL}{\endR}%
10582 }%
10583 \ifdim \wd\@tempboxa >\hsize
10584 #1: #2\par
10585 \else
10586 \global \@minipagefalse
10587 \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
10588 \fi
10589 \vskip\belowcaptionskip}%
10590 \def\lst@makecaption{\@bidi@lst@makecaption}
10591 \def\lst@maketitle{\@bidi@lst@makecaption\lst@title@dropdelim}
10592 \AtBeginDocument{%
10593 \@ifundefined{captionlabelfalse}{-}%
10594 \def\lst@maketitle{\captionlabelfalse\@bidi@lst@makecaption\@empty}}%
10595 \@ifundefined{caption@startrue}{-}%
10596 \def\lst@maketitle{\caption@startrue\@bidi@lst@makecaption\@empty}}%
10597 }
10598 \AtBeginDocument{
10599 \@ifundefined{thechapter}{\let\lst@ifnumberbychapter\iffalse}{-}
10600 \lst@ifnumberbychapter
10601 \gdef\thelstlisting%
10602 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@lstlisting}
10603 \else
10604 \gdef\thelstlisting{\@arabic\c@lstlisting}
10605 \fi}

```

7.72 loadingorder-xetex-bidi.def

```

10606 \ProvidesFile{loadingorder-xetex-bidi.def}[2013/05/22 v0.95 making sure that bidi is the last
10607 \bidi@isloaded{amsmath}
10608 \bidi@isloaded{amstext}
10609 \bidi@isloaded{amsthm}
10610 \bidi@isloaded{breqn}
10611 \bidi@isloaded{cals}
10612 \bidi@isloaded{caption}
10613 \bidi@isloaded{crop}
10614 \bidi@isloaded{cuted}
10615 \bidi@isloaded{cutwin}
10616 \bidi@isloaded{color}
10617 \bidi@isloaded{dblfnote}
10618 \bidi@isloaded{xcolor}
10619 \bidi@isloaded{colortbl}
10620 \bidi@isloaded{float}
10621 \bidi@isloaded{floatrow}
10622 \bidi@isloaded{flowfram}
10623 \bidi@isloaded{framed}
10624 \bidi@isloaded{ftnright}

```

```

10625 \bidi@isloaded{xltxtra}
10626 \bidi@isloaded{xunicode}
10627 \bidi@isloaded{wrapfig}
10628 \bidi@isloaded{graphicx}
10629 \bidi@isloaded{geometry}
10630 \bidi@isloaded{hvfloat}
10631 \bidi@isloaded{mdframed}
10632 \bidi@isloaded{midfloat}
10633 \bidi@isloaded{ntheorem}
10634 \bidi@isloaded{ntheorem-hyper}
10635 \bidi@isloaded{hyperref}
10636 \bidi@isloaded{fancybox}
10637 \bidi@isloaded{fancyhdr}
10638 \bidi@isloaded{fix2col}
10639 \bidi@isloaded{draftwatermark}
10640 \bidi@isloaded{empheq}
10641 \bidi@isloaded{pdfpages}
10642 \bidi@isloaded{listings}
10643 \bidi@isloaded{lettrine}
10644 \bidi@isloaded{pstricks}
10645 \bidi@isloaded{pgf}
10646 \bidi@isloaded{picinpar}
10647 \bidi@isloaded{quotchap}
10648 \bidi@isloaded{tikz}
10649 \bidi@isloaded{titlesec}
10650 \bidi@isloaded{titletoc}
10651 \bidi@isloaded{array}
10652 \bidi@isloaded{stabular}
10653 \bidi@isloaded{subfig}
10654 \bidi@isloaded{subfigure}
10655 \bidi@isloaded{supertabular}
10656 \bidi@isloaded{xtab}
10657 \bidi@isloaded{longtable}
10658 \bidi@isloaded{arydshln}
10659 \bidi@isloaded{multicol}
10660 \bidi@isloaded{multienum}
10661 \bidi@isloaded{minitoc}
10662 \bidi@isloaded{natbib}
10663 \bidi@isloaded{newfloat}
10664 \bidi@isloaded{ragged2e}
10665 \bidi@isloaded{rotating}
10666 \bidi@isloaded{tbls}
10667 \bidi@isloaded{tabulary}
10668 \bidi@isloaded{tocstyle}
10669 \bidi@isloaded{tocbibind}
10670 \bidi@isloaded{fontspec}
10671 \bidi@isloaded{arabxetex}
10672 \bidi@isloaded{polyglossia}
10673 \bidi@isloaded{fancyvrb}
10674 \AtBeginDocument{

```

```

10675 \if@bidi@amsmathloaded@else
10676   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsmath after bidi packa
10677 \fi%
10678   \if@bidi@amstextloaded@else
10679   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amstext after bidi packa
10680 \fi%
10681 \if@bidi@amsthmloaded@else
10682   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package amsthm after bidi packa
10683 \fi%
10684 \if@bidi@breqnloaded@else
10685   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package breqn after bidi packa
10686 \fi%
10687 \if@bidi@calsloaded@else
10688   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cals after bidi package.
10689 \fi%
10690 \if@bidi@captionloaded@else
10691   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package caption after bidi packa
10692 \fi%
10693 \if@bidi@croploaded@else
10694   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package crop after bidi package.
10695 \fi%
10696 \if@bidi@colorloaded@else
10697 \@ifpackageloaded{hyperref}{}{%
10698   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package color after bidi package
10699 \fi%
10700 \if@bidi@cutwinloaded@else
10701   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cutwin after bidi packa
10702 \fi%
10703   \if@bidi@cutedloaded@else
10704   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package cuted after bidi package
10705 \fi%
10706 \if@bidi@dblfnote@loaded@else
10707   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package dblfnote after bidi pack
10708 \fi%
10709 \if@bidi@xcolorloaded@else
10710   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xcolor after bidi packa
10711 \fi%
10712 \if@bidi@colortblloaded@else
10713   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package colortbl after bidi pack
10714 \fi%
10715 \if@bidi@floatloaded@else
10716   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package float after bidi package
10717 \fi%
10718   \if@bidi@floatrowloaded@else
10719   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package floatrow after bidi pack
10720 \fi%
10721 \if@bidi@flowframloaded@else
10722   \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package flowfram after bidi pack
10723 \fi%
10724 \if@bidi@framedloaded@else

```

```

10725     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package framed after bidi package}{}]
10726 \fi%
10727     \if@bidi@ftnrightloaded@else
10728     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ftnright after bidi package}{}]
10729 \fi%
10730 \if@bidi@xltxtraloaded@else
10731     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xltxtra after bidi package}{}]
10732 \fi%
10733 \if@bidi@xunicodeloaded@else
10734     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xunicode after bidi package}{}]
10735 \fi%
10736 \if@bidi@wrapfigloaded@else
10737     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package wrapfig after bidi package}{}]
10738 \fi%
10739 \if@bidi@graphicxloaded@else
10740     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package graphicx after bidi package}{}]
10741 \fi%
10742     \if@bidi@geometryloaded@else
10743     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package geometry after bidi package}{}]
10744 \fi%
10745 \if@bidi@hvfloatloaded@else
10746     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hvfloat after bidi package}{}]
10747 \fi%
10748     \if@bidi@mdframedloaded@else
10749     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package mdframed after bidi package}{}]
10750 \fi%
10751     \if@bidi@midfloatloaded@else
10752     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package midfloat after bidi package}{}]
10753 \fi%
10754     \if@bidi@ntheoremloaded@else
10755     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ntheorem after bidi package}{}]
10756 \fi%
10757 \if@bidi@hyperrefloaded@else
10758     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package hyperref after bidi package}{}]
10759 \fi%
10760     \if@bidi@fancyboxloaded@else
10761     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancybox after bidi package}{}]
10762 \fi%
10763 \if@bidi@fancyhdrloaded@else
10764     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyhdr after bidi package}{}]
10765 \fi%
10766 \if@bidi@draftwatermarkloaded@else
10767     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package draftwatermark after bidi package}{}]
10768 \fi%
10769 \if@bidi@empheqloaded@else
10770     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package empheq after bidi package}{}]
10771 \fi%
10772 \if@bidi@pdfpagesloaded@else
10773     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pdfpages after bidi package}{}]
10774 \fi%

```

```

10775 \if@bidi@lettrineloaded@else
10776     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package lettrine after bidi pack
10777 \fi%
10778 \if@bidi@listingsloaded@else
10779     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package listings after bidi pack
10780 \fi%
10781 \if@bidi@pstricksloaded@else
10782     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pstricks after bidi pack
10783 \fi%
10784 \if@bidi@pgfloaded@else
10785     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package pgf after bidi package.
10786 \fi%
10787 \if@bidi@picinparloaded@else
10788     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package picinpar after bidi pack
10789 \fi%
10790 \if@bidi@quotchaploaded@else
10791     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package quotchap after bidi pack
10792 \fi%
10793 \if@bidi@tikzloaded@else
10794     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tikz after bidi package.
10795 \fi%
10796 \if@bidi@titlesecloaded@else
10797     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titlesec after bidi pack
10798 \fi%
10799 \if@bidi@titletocloaded@else
10800     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package titletoc after bidi pack
10801 \fi%
10802 \if@bidi@arrayloaded@else
10803     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package array after bidi package
10804 \fi%
10805 \if@bidi@stabularloaded@else
10806     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package stabular after bidi pack
10807 \fi%
10808 \if@bidi@subfigloaded@else
10809     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfig after bidi packag
10810 \fi%
10811 \if@bidi@subfigureloaded@else
10812     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package subfigure after bidi pa
10813 \fi%
10814 \if@bidi@supertabularloaded@else
10815     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package supertabular after bidi
10816 \fi%
10817 \if@bidi@xtabloaded@else
10818     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package xtab after bidi package.
10819 \fi%
10820 \if@bidi@longtableloaded@else
10821     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package longtable after bidi pa
10822 \fi%
10823 \if@bidi@arydshlnloaded@else
10824     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arydshln after bidi pack

```

```

10825 \fi%
10826 \if@bidi@multicolloaded@else
10827     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multicol after bidi pack
10828 \fi%
10829 \if@bidi@multienumloaded@else
10830     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package multienum after bidi pack
10831 \fi%
10832 \if@bidi@minitocloaded@else
10833     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package minitoc after bidi pack
10834 \fi%
10835 \if@bidi@natbibloaded@else
10836     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package natbib after bidi packag
10837 \fi%
10838 \if@bidi@newfloatloaded@else
10839     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package newfloat after bidi pack
10840 \fi%
10841 \csname if@bidi@ragged2loaded@endcsname\else
10842     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package ragged2e after bidi pack
10843 \fi%
10844 \if@bidi@rotatingloaded@else
10845     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package rotating after bidi pack
10846 \fi%
10847 \if@bidi@tblsloaded@else
10848     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tbls after bidi package
10849 \fi%
10850 \if@bidi@tabularyloaded@else
10851     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tabulary after bidi pack
10852 \fi%
10853 \if@bidi@tocstyleloaded@else
10854     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocstyle after bidi pack
10855 \fi%
10856 \if@bidi@tocbibindloaded@else
10857     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package tocbibind after bidi pack
10858 \fi%
10859 \if@bidi@fontspecloaded@else
10860     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fontspec after bidi pack
10861 \fi%
10862 \if@bidi@arabxetexloaded@else
10863     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package arabxetex after bidi pack
10864 \fi%
10865 \if@bidi@polyglossialloaded@else
10866     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package polyglossia after bidi p
10867 \fi%
10868 \if@bidi@fancyvrbloaded@else
10869     \bidi@isloaded[\PackageError{bidi}{Oops! you have loaded package fancyvrb after bidi pack
10870 \fi%
10871 }

```

7.73 longtable-xetex-bidi.def


```

10872 \ProvidesFile{longtable-xetex-bidi.def}[2013/04/01 v0.3 bidi adaptations for longtable package]
10873 \def\LT@array[#1]#2{%
10874   \refstepcounter{table}\stepcounter{LT@tables}%
10875   \if l#1%
10876     \if@RTLtab\LTleft\fill \LTright\z@\else\LTleft\z@ \LTright\fill\fi
10877   \else\if r#1%
10878     \if@RTLtab\LTleft\z@ \LTright\fill\else\LTleft\fill \LTright\z@\fi
10879   \else\if c#1%
10880     \LTleft\fill \LTright\fill
10881   \fi\fi\fi
10882   \let\LT@mcol\multicolumn
10883   \let\LT@@tabarray\@tabarray
10884   \let\LT@chl\hline
10885   \def\@tabarray{%
10886     \let\hline\LT@chl
10887     \LT@@tabarray}%
10888   \let\\\LT@tabularcr\let\tabularnewline\\
10889   \def\newpage{\noalign{\break}}%
10890   \def\pagebreak{\noalign{\ifnum' =0\fi\@testopt{\LT@no@pgbk-}4}%
10891   \def\nopagebreak{\noalign{\ifnum' =0\fi\@testopt\LT@no@pgbk4}%
10892   \let\hline\LT@hline \let\kill\LT@kill\let\caption\LT@caption
10893   \@tempdima\ht\strutbox
10894   \let\@endpbox\LT@endpbox
10895   \ifx\extrarowheight\@undefined
10896     \let\@acol\@tabacol
10897     \let\@classz\@tabclassz \let\@classiv\@tabclassiv
10898     \def\@startpbox{\vtop\LT@startpbox}%
10899     \let\@@startpbox\@startpbox
10900     \let\@@endpbox\@endpbox
10901     \let\LT@LL@FM@cr\@tabularcr
10902   \else
10903     \advance\@tempdima\extrarowheight
10904     \col@sep\@tabcolsep
10905     \let\@startpbox\LT@startpbox\let\LT@LL@FM@cr\@arraycr
10906   \fi
10907   \setbox\@arstrutbox\hbox{\vrule
10908     \@height \arraystretch \@tempdima
10909     \@depth \arraystretch \dp \strutbox
10910     \@width \z@}%
10911   \let\@sharp#\let\protect\relax
10912   \begingroup
10913     \mkpream{#2}%
10914     \xdef\LT@bchunk{%
10915       \global\advance\c@LT@chunks\@ne
10916       \global\LT@rows\z@\setbox\z@\vbox\bgroup
10917         \LT@setprevdepth
10918         \tabskip\LTleft \noexpand\halign to\hsize\bgroup
10919         \tabskip\z@ \@arstrut \@preamble \tabskip\LTright \cr}%
10920   \endgroup
10921   \expandafter\LT@nofcols\LT@bchunk&\LT@nofcols

```

```

10922 \LT@make@row
10923 \m@th\let\par\@empty
10924 \everycr{}\lineskip\z@\baselineskip\z@
10925 \LT@bchunk}
10926 \def\LT@makecaption#1#2#3{%
10927 \LT@mcol\LT@cols c{\hbox to\z@{\hss\parbox[t]{LTcapwidth{%
10928 \sbox\@tempboxa{\if@RTL\beginR\fi#1{#2: }#3\if@RTL\endR\fi}%
10929 \ifdim\wd\@tempboxa>\hsize
10930 #1{#2: }#3%
10931 \else
10932 \hbox to\hsize{\hfil\box\@tempboxa\hfil}%
10933 \fi
10934 \endgraf\vskip\baselineskip}%
10935 \hss}}}}
10936 \def\LT@startpbox#1{%
10937 \bgroup
10938 \let\@footnotetext\LT@p@ftntext
10939 \let\@LTRfootnotetext\LT@p@LTRftntext
10940 \let\@RTLfootnotetext\LT@p@RTLftntext
10941 \setlength\hsize{#1}%
10942 \@arrayparboxrestore
10943 \vrule \@height \ht\@arstrutbox \@width \z@}
10944 \def\LT@p@LTRftntext#1{%
10945 \edef\@tempa{\the\LT@p@ftn\noexpand\LTRfootnotetext[\the\c@footnote]]}%
10946 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%
10947 \def\LT@p@RTLftntext#1{%
10948 \edef\@tempa{\the\LT@p@ftn\noexpand\RTLfootnotetext[\the\c@footnote]]}%
10949 \global\LT@p@ftn\expandafter{\@tempa{#1}}}%

```

7.74 mdframed-xetex-bidi.def

```

10950 \ProvidesFile{mdframed-xetex-bidi.def}[2013/09/22 v0.4 bidi adaptations for mdframed package]
10951 \newif\if@bidi@mdf@RTL
10952 \def\mdf@lrbox#1{%
10953 \mdf@patchamsthm\patch amsthm
10954 \if@RTL\@bidi@mdf@RTLtrue\fi%
10955 \@RTLfalse%
10956 \setbox#1\vbox\bgroup%
10957 \color@begingroup%
10958 \if@bidi@mdf@RTL\@RTLtrue\fi%
10959 \mdf@horizontalmargin@equation%
10960 \columnwidth=\hsize%
10961 \textwidth=\hsize%
10962 \let\if@nobreak\iffalse%
10963 \let\if@noskipsec\iffalse%
10964 \let\par\@par%
10965 \let\-\@dischyph%
10966 \let'\@acci\let'\@accii\let\=\@acciii%
10967 \parindent\z@ \parskip\z@skip%
10968 \linewidth\hsize%

```

```

10969 \totalleftmargin\z@%
10970 \leftskip\z@skip \rightskip\z@skip \@rightskip\z@skip%
10971 \parfillskip\@flushglue \lineskip\normallineskip%
10972 \baselineskip\normalbaselineskip%
10973 %% \sloppy%
10974 \let\\ \@normalcr%
10975 \mdf@par@local%New feature to restore parskip/parindent local in save box
10976 \ifbool{mdf@suppressfirstparskip}{\vspace*{-\parskip}}{}%
10977 \@afterindentfalse%
10978 %\@afterheading%
10979 }
10980 \renewrobustcmd\mdfframetitleenv[1]{%
10981 \mdf@lrbox{\mdf@frametitlebox}%
10982 \mdf@frametitlealignment%
10983 \leavevmode{\color{\mdf@frametitlefontcolor}%
10984 \normalfont\mdf@frametitlefont{#1}
10985 \ifbool{mdf@ignorelastdescenders}%
10986 {%
10987 \par\strut\par
10988 \unskip\unskip\setbox0=\lastbox
10989 \vspace*{\dimexpr\ht\strutbox-\baselineskip\relax}%
10990 }}}%
10991 \par\unskip\ifvmode\nointerlineskip\hrule \@height\z@ \@width\hsize\fi%%
10992 \endmdf@lrbox\relax%
10993 \mdf@ignorevbadness%
10994 \setbox\mdf@frametitlebox=\vbox{\unvbox\mdf@frametitlebox}%
10995 \mdfframetitleboxwidth=\wd\mdf@frametitlebox\relax%
10996 \mdfframetitleboxheight=\ht\mdf@frametitlebox\relax%
10997 \mdfframetitleboxdepth=\dp\mdf@frametitlebox\relax%
10998 \mdfframetitleboxtotalheight=\dimexpr
10999 \ht\mdf@frametitlebox
11000 +\dp\mdf@frametitlebox%
11001 +\mdf@frametitleaboveskip@length
11002 +\mdf@frametitlebelowskip@length
11003 \relax%
11004 }
11005
11006 \renewrobustcmd*\mdf@footnoteoutput{%
11007 \ifvoid\@mpfootins\else%
11008 \nobreak%
11009 \vskip\mdf@footnotedistance@length%
11010 \normalcolor%
11011 \bidi@mpfootnoterule%
11012 \unvbox\@mpfootins%
11013 \fi%
11014 }
11015
11016
11017 \renewrobustcmd*\mdf@footnoteinput{%
11018 \def\@mpfn{mpfootnote}%

```

```

11019 \def\thempfn{\thempfootnote}%
11020 \c@mpfootnote\z@%
11021 \let\@footnotetext\@mpfootnotetext%
11022 \let\@LTRfootnotetext\@mpLTRfootnotetext%
11023 \let\@RTLfootnotetext\@mpRTLfootnotetext%
11024 }

```

7.75 memoir-xetex-bidi.def

```

11025 \ProvidesFile{memoir-xetex-bidi.def}[2010/07/25 v0.5 bidi adaptations for memoir class for Xe
11026 \renewcommand{\keepthetitle}{%
11027 \@bsmttitleempty
11028 \global\let\thanks\relax
11029 \global\let\LTRthanks\relax
11030 \global\let\RTLthanks\relax
11031 \global\let\and\relax
11032 \global\let\andnext\relax
11033 \global\let\@thanks\@empty
11034 \global\let\@title\@empty
11035 \global\let\@author\@empty
11036 \global\let\@date\@empty}
11037 \renewcommand{\maketitle}{\par
11038 \begingroup
11039 \@bsmarkseries
11040 \def\@makefnmark{\@textsuperscript{%
11041 \normalfont\@bsthanksheadpre \tamark \@bsthanksheadpost}}}%
11042 \long\def\@makefntext##1{\makethanksmark ##1}
11043 \if@twocolumn
11044 \ifnum \col@number=\@ne
11045 \@maketitle
11046 \else
11047 \twocolumn[\@maketitle]%
11048 \fi
11049 \else
11050 \ifdim\pagetotal>\z@
11051 \newpage
11052 \fi
11053 \global\@topnum\z@
11054 \@maketitle
11055 \fi
11056 \thispagestyle{title}\@thanks
11057 \endgroup
11058 \@bscontmark % \setcounter{footnote}{0}%
11059 }
11060 \renewcommand*{\memRTLleftskip}{\if@RTL\rightskip\else\leftskip\fi}
11061 \renewcommand*{\memRTLrightskip}{\if@RTL\leftskip\else\rightskip\fi}
11062 \renewcommand*{\memRTLvleftskip}{\if@RTL\vrightskip\else\vleftskip\fi}
11063 \renewcommand*{\memRTLvrighskip}{\if@RTL\vleftskip\else\vrightskip\fi}
11064 \renewcommand*{\memRTLraggedright}{\if@RTL\raggedleft\else\raggedright\fi}
11065 \renewcommand*{\memRTLraggedleft}{\if@RTL\raggedright\else\raggedleft\fi}

```

```

11066 \renewcommand*{\thesection}{\thechapter\@SepMark\@arabic\c@section}
11067 \renewcommand*{\thesubsection}{%
11068     \thesection\@SepMark\@arabic\c@subsection}
11069 \renewcommand*{\thesubsubsection}{%
11070     \thesubsection\@SepMark\@arabic\c@subsubsection}
11071 \renewcommand*{\theparagraph}{%
11072     \thesubsubsection\@SepMark\@arabic\c@paragraph}
11073 \renewcommand*{\thesubparagraph}{%
11074     \theparagraph\@SepMark\@arabic\c@subparagraph}
11075 \renewcommand{\setthesection}{\thechapter\@SepMark\Alph{section}}
11076 \renewcommand{\theequation}{%
11077     \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
11078 \renewcommand{\thefigure}{\thechapter\@SepMark\@arabic\c@figure}
11079 \renewcommand{\thetable}{\thechapter\@SepMark\@arabic\c@table}
11080 \ifartopt
11081     \chapterstyle{article}
11082     \counterwithout{figure}{chapter}
11083     \counterwithout{table}{chapter}
11084     \counterwithout{footnote}{chapter}
11085     \counterwithout{equation}{chapter}
11086     \renewcommand{\chaptername}{}
11087     \renewcommand{\maketitlehookb}{%
11088         \vskip -1.5\topsep\vskip -1.5\partopsep}
11089     \renewcommand{\maketitlehookc}{%
11090         \vskip -1.5\topsep\vskip -1.5\partopsep}
11091 \fi
11092 \long\def\@makecaption#1#2{\let\@memtempa\relax
11093     \ifdim\prevdepth>-99\p@ \vskip\abovecaptionskip
11094     \else \def\@memtempa{\vbox to\topskip{}}\fi
11095     \let\@contfnote\footnote \renewcommand{\footnote}[2][]{\fi
11096     \let\@contfmark\footnotemark \renewcommand{\footnotemark}[1][]{\fi
11097     \sbox\@tempboxa{\@contnfont #1\@contdelim \@conttfont #2\@contfinal}
11098     \let\footnote\@contfnote
11099     \let\footnotemark\@contfmark
11100     \ifdim\wd\@tempboxa<\linewidth \centering \fi
11101     \if@contcw
11102         \centering
11103         \parbox{\@contcwidth}{%
11104             \ifdim\wd\@tempboxa<\@contcwidth \centering \fi
11105         \fi
11106     \ifdim\wd\@tempboxa<\linewidth
11107         \@contpre
11108         {\@contnfont #1\@contdelim}\@memtempa
11109         {\@contcshortstyle \@conttfont #2\@contfinal}\par}
11110     \else
11111         \if@conthang
11112             \sbox\@tempboxa{\@contnfont #1\@contdelim}
11113             \@contpre%
11114             {\@contcstyle\hangindent=\wd\@tempboxa
11115                 \noindent\box\@tempboxa\@memtempa \@conttfont #2\@contfinal}\par}

```

```

11116 \else
11117 \if@contindent
11118 \@contpre%
11119 {\@contnfont #1\@contdelim}\@memtempa
11120 {\@contcstyle\hangindent=\@contindw
11121 \hangafter=\@ne\@conttfont #2\@contfinal\par}% <- v1.4
11122 \else
11123 \@contpre%
11124 {\@contnfont #1\@contdelim}\@memtempa
11125 {\@contcstyle \@conttfont #2\@contfinal\par}
11126 \fi
11127 \fi
11128 \fi
11129 \@contpost
11130 \if@contcw
11131 \par
11132 } % end of the \parbox
11133 \fi
11134 \vskip\belowcaptionskip}
11135 \@ifpackageloaded{caption}{%
11136 \AtBeginPackage{caption}{
11137 \ClassWarningNoLine{memoir}{%
11138 You are using the caption package with the memoir \MessageBreak
11139 class. This may cause unexpected or inconsistent \MessageBreak
11140 results if you use any of memoir's captioning facilities}
11141 }
11142 \long\def\@makecaption##1##2{%
11143 \vskip\abovecaptionskip
11144 \sbox\@tempboxa{\if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi}%
11145 \ifdim \wd\@tempboxa >\hsize
11146 \if@RTL\beginR\fi##1: ##2\if@RTL\endR\fi\par
11147 \else
11148 \global \@minipagefalse
11149 \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
11150 \fi
11151 \vskip\belowcaptionskip}
11152
11153 \def\caption{%
11154 \ifx\@captive\@undefined
11155 \@latex@error{\noexpand\caption outside float}\@ehd
11156 \expandafter\@gobble
11157 \else
11158 \refstepcounter\@captive
11159 \expandafter\@firstofone
11160 \fi
11161 {\@dblarg{\@caption\@captive}}%
11162 }
11163
11164 \long\def\@caption##1[##2]##3{%
11165 \par

```

```

11166 \addcontentsline{\csname ext@##1\endcsname}{##1}%
11167 {\protect\numberline{\csname the##1\endcsname}{\ignorespaces ##2}}}%
11168 \begingroup
11169 \parboxrestore
11170 \if@minipage
11171 \setminipage
11172 \fi
11173 \normalsize
11174 \makecaption{\csname fnum@##1\endcsname}{\ignorespaces ##3}\par
11175 \endgroup}
11176 }}{}
11177 \renewenvironment{thebibliography}[1]{%
11178 \bibsection
11179 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11180 \begin{bibitemlist}{#1}}{\end{bibitemlist}\postbibhook}

```

7.76 midfloat-xetex-bidi.def

```

11181 \ProvidesFile{midfloat-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for midfloat package]
11182 \def\RTL@outputdblcol{%
11183 \if@firstcolumn
11184 \global \@firstcolumnfalse
11185 \global \setbox\@leftcolumn \box\@outputbox
11186 \global\c@colht\@colht\global\c@addvipersep\z@
11187 \ifnum\jua@sk>0
11188 \remove@strip\jua@sar
11189 \global\@colht\the\jua@pr
11190 \ifdim\right@cor>\z@
11191 \global\advance\@colht by\right@cor
11192 \fi
11193 \global\advance\@colht by\cor@height
11194 \global\cor@height=0pt
11195 \fi
11196 \global \setbox\@rightcolumn \vbox{}%
11197 \else
11198 \ifdim\c@colht>\@colht
11199 \tempdima\@colht
11200 \ifdim\@colht>\z@
11201 \global\setbox\@rightcolumn \vbox{%
11202 \unvbox\@rightcolumn
11203 \vbox to\tempdima{%
11204 \vskip\c@addvipersep\unvbox\@outputbox}%
11205 \vskip\stripsep
11206 \vrule height\the\jua@ht width 0pt depth 0pt
11207 \vskip\stripsep
11208 }%
11209 \global\c@addvipersep\m@addvipersep
11210 \else
11211 \global\setbox\@rightcolumn \vbox{%
11212 \unvbox\@rightcolumn

```

```

11213             \vrule height\the\jua@ht width Opt depth Opt
11214             \vskip\stripsep
11215             }%
11216         \fi
11217         \ifnum\jua@sk>0
11218             \remove@strip\jua@sar
11219             \global\@colht\the\jua@pr
11220             \global\advance\@colht by -\ht\@rightcolumn
11221             \global\advance\@colht by\cor@height
11222             \global\cor@height=0pt
11223         \else
11224             \global\advance\c@colht by-\ht\@rightcolumn
11225             \global\@colht\c@colht
11226         \fi
11227     \else
11228     \global\@firstcolumntrue
11229     \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
11230         \unvbox\@rightcolumn
11231         \vskip\c@addvipersep
11232         \unvbox\@outputbox
11233     }%
11234     \setbox\@outputbox \vbox {%
11235         \hb@xt@\textwidth {%
11236             \hskip \columnwidth
11237             \hfil
11238             \vrule \@width\columnseprule
11239             \hfil
11240             \hb@xt@\columnwidth {%
11241                 \box\@leftcolumn \hss}%
11242             \hskip-\textwidth
11243             \hb@xt@\columnwidth {%
11244                 \box\@outputbox \hss}%
11245             \hskip\columnwidth
11246             \hskip\columnsep}%
11247         }%
11248     \@combinedblfloats
11249     \@outputpage
11250     \begingroup
11251         \@dblfloatplacement
11252         \@startdblcolumn
11253         \@whiles\if@fcolmade \fi
11254         {\@outputpage
11255         \@startdblcolumn}%
11256     \endgroup
11257     \global\jua@sk=0\global\jua@sar={}%
11258     \global\cor@height\z@\global\c@addvipersep\z@
11259     \fi
11260 \fi
11261 }
11262

```



```

11263
11264 \def\LTR@outputdblcol{%
11265   \if@firstcolumn
11266     \global \@firstcolumnfalse
11267     \global \setbox\@leftcolumn \box\@outputbox
11268     \global\c@colht\@colht\global\c@addvipersep\z@
11269     \ifnum\jua@sk>0
11270       \remove@strip\jua@sar
11271       \global\@colht\the\jua@pr
11272       \ifdim\right@cor>\z@
11273         \global\advance\@colht by\right@cor
11274       \fi
11275       \global\advance\@colht by\cor@height
11276       \global\cor@height=0pt
11277     \fi
11278     \global \setbox\@rightcolumn \vbox{}%
11279   \else
11280     \ifdim\c@colht>\@colht
11281       \@tempdima\@colht
11282       \ifdim\@colht>\z@
11283         \global\setbox\@rightcolumn \vbox{%
11284           \unvbox\@rightcolumn
11285           \vbox to\@tempdima{%
11286             \vskip\c@addvipersep\unvbox\@outputbox}%
11287           \vskip\stripsep
11288           \vrule height\the\jua@ht width 0pt depth 0pt
11289           \vskip\stripsep
11290         }%
11291         \global\c@addvipersep\m@addvipersep
11292       \else
11293         \global\setbox\@rightcolumn \vbox{%
11294           \unvbox\@rightcolumn
11295           \vrule height\the\jua@ht width 0pt depth 0pt
11296           \vskip\stripsep
11297         }%
11298       \fi
11299     \ifnum\jua@sk>0
11300       \remove@strip\jua@sar
11301       \global\@colht\the\jua@pr
11302       \global\advance\@colht by -\ht\@rightcolumn
11303       \global\advance\@colht by\cor@height
11304       \global\cor@height=0pt
11305     \else
11306       \global\advance\c@colht by-\ht\@rightcolumn
11307       \global\@colht\c@colht
11308     \fi
11309   \else
11310     \global\@firstcolumntrue
11311     \global\setbox\@outputbox\vbox to\ht\@leftcolumn{%
11312       \unvbox\@rightcolumn

```

```

11313             \vskip\c@addvipersep
11314             \unvbox\@outputbox
11315             }%
11316 \setbox\@outputbox \vbox {%
11317     \hb@xt@\textwidth {%
11318         \hb@xt@\columnwidth {%
11319             \box\@leftcolumn \hss}%
11320     \hfil
11321     \vrule \@width\columnseprule
11322     \hfil
11323     \hb@xt@\columnwidth {%
11324         \box\@outputbox \hss}%
11325     }%
11326 }%
11327 \@combinedblfloats
11328 \@outputpage
11329 \begingroup
11330     \@dblfloatplacement
11331     \@startdblcolumn
11332     \@whiles\if@fcolmade \fi
11333     {\@outputpage
11334       \@startdblcolumn}%
11335 \endgroup
11336 \global\jua@sk=0\global\jua@sar={}%
11337 \global\cor@height\z@\global\c@addvipersep\z@
11338 \fi
11339 \fi
11340 }
11341
11342
11343 \def\@strip[#1/#2]{\global\@tempdima=#1\global\@tempdimb=#2%
11344   \global \setbox\@viper\vbox\bgroup\if@RTLmain\moveleft\dimexpr(\columnwidth+\columnsep)\fi
11345     \hsize\textwidth
11346     \@parboxrestore
11347     \col@number \@ne
11348     \vrule height\topskip width0pt depth0pt
11349 }
11350
11351 \def\endstrip{%
11352     \egroup\egroup
11353     \if@firstcolumn
11354         \ifdim\pagetotal>\z@
11355             \vskip\stripsep
11356             \global\ht@strip\pagegoal
11357             \global\advance\ht@strip by-\pagetotal
11358             \global\advance\ht@strip by-\stripsep
11359             \global\advance\ht@strip by-\ht\@viper
11360             \global\advance\ht@strip by-\stripsep
11361             \global\jua@ht=\ht\@viper
11362         \else

```

```

11363             \global\ht@strip\z@
11364         \fi
11365         \ifdim\ht@strip>\z@
11366             \unvbox\@viper
11367             \vskip\stripsep
11368             \add@strip{\the\pagetotal}{\the\jua@ht}{\the\@tempdima}{\the\@tempdimb}%
11369             \global\advance\jua@sk by1
11370         \else
11371             \@latex@error{Strip needs more place!}\@ehc
11372             \if@vihproof
11373                 \framebox[\columnwidth]{??? Strip ???}%
11374             \fi
11375         \fi
11376     \else
11377         \@latex@error{Strip is used only on left column!}\@ehc
11378         \if@vihproof
11379             \framebox[\columnwidth]{??? Strip ???}%
11380         \fi
11381     \fi
11382 }

```

7.77 minitoc-xetex-bidi.def

```

11383 \ProvidesFile{minitoc-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for minitoc package for xetex]
11384 \def\@undottedtocline#1#2#3#4#5{%
11385     \ifnum #1>\c@tocdepth\relax \else
11386         \vskip \z@ plus.2\p@
11387         {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg
11388         \parindent #2\relax\@afterindenttrue
11389         \interlinepenalty\@M
11390         \leavevmode
11391         \@tempdima #3\relax \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \hbox{}}%
11392         \hskip -\if@RTL\righskip\else\leftskip\fi
11393         #4\nobreak\hfill \nobreak
11394         \null\par}%
11395     \fi}
11396 \def\@Undottedtocline#1#2#3#4#5{%
11397     \ifnum #1>\c@tocdepth\relax \else
11398         \vskip \z@ \@plus.2\p@
11399         {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg
11400         \parindent #2\relax\@afterindenttrue
11401         \interlinepenalty\@M
11402         \leavevmode
11403         \@tempdima #3\relax
11404         \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righskip\else\leftskip\fi
11405         {\coffee font #4}\nobreak \nobreak\null
11406         \par}%
11407     \fi}
11408 \def\@Undottedtoclinep#1#2#3#4#5{%
11409     \ifnum #1>\c@tocdepth\relax \else

```

```

11410 \vskip \z@ \@plus.2\p@
11411 {\if@RTL\righskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\righskip\fi \@tocrmarg
11412 \parindent #2\relax\@afterindenttrue
11413 \interlinepenalty\@M
11414 \leavevmode
11415 \@tempdima #3\relax
11416 \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
11417 {#4}\nobreak \hfill \nobreak\null
11418 \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
11419 \par}%
11420 \fi}

```

7.78 multicol-xetex-bidi.def

```

11421 \ProvidesFile{multicol-xetex-bidi.def}[2014/06/26 v0.5 bidi adaptations for multicol package]
11422 \def\page@sofar{%
11423   \process@cols\mult@rightbox
11424   {\ifvoid\count@
11425     \setbox\count@\hbox to\hsize{}%
11426     \else
11427       \wd\count@\hsize
11428       \fi}%
11429   \count@\col@number \advance\count@\m@ne
11430   \mult@info\z@
11431   {Column spec: \the\full@width\space = indent
11432     + columns + sep =\MessageBreak
11433     \the\multicol@leftmargin\space
11434     + \the\col@number\space
11435     x \the\hsize\space
11436     + \the\count@\space
11437     x \the\columnsep
11438   }%
11439   \ifvmode\else\errmessage{Multicol Error}\fi
11440   \nointerlineskip
11441   \setbox\z@\hbox{\global\dimen\tw@\dp\z@
11442     \moveright\multicol@leftmargin
11443     \hbox to\full@width{%
11444       \bidi@multicol@align@columns
11445       \rlap{\phantom p}}%
11446   }%
11447   \kern-\dimen\tw@
11448   \ifdim\dimen\tw@ = \mc@gridwarn
11449     \PackageWarning{multicol}%
11450       {Very deep columns!\MessageBreak
11451         Grid alignment might be broken}%
11452   \fi
11453 }
11454 \def\LTR@column@boxes{%
11455   \process@cols\mult@gfirstbox{%
11456     \ifdim\dp\count@>\dimen\tw@

```

```

11457         \global\dimen\tw@\dp\count@ \fi
11458         \mc@col@status@write
11459         \box\count@
11460         \hss{\columnseprulecolor\vrule
11461             \@width\columnseprule}\hss}%
11462     \ifdim\dp\mult@rightbox>\dimen\tw@
11463         \global\dimen\tw@\dp\mult@rightbox \fi
11464     \mc@lastcol@status@write
11465     \box\mult@rightbox
11466 }
11467
11468 \def\RTL@column@boxes{%
11469     \process@cols\mult@gfirstbox{%
11470         \hskip\hsize
11471         \hss{\columnseprulecolor\vrule
11472             \@width\columnseprule}\hss
11473     }%
11474     \hskip\hsize
11475     \process@cols\mult@gfirstbox{%
11476         \ifdim\dp\count@>\dimen\tw@
11477             \global\dimen\tw@\dp\count@ \fi
11478         \hskip-\hsize
11479         \mc@col@status@write
11480         \box\count@
11481         \hskip-\hsize
11482         \hskip-\columnsep
11483     }%
11484     \ifdim\dp\mult@rightbox>\dimen\tw@
11485         \global\dimen\tw@\dp\mult@rightbox \fi
11486     \hskip-\hsize
11487     \mc@lastcol@status@write
11488     \box\mult@rightbox
11489     \hskip-\hsize
11490     \hskip\full@width
11491 }
11492 \newcommand\RTLmulticolcolumns
11493     {\let\bidimulticol@align@columns
11494      \RTL@column@boxes}
11495 \newcommand\LTRmulticolcolumns
11496     {\let\bidimulticol@align@columns
11497      \LTR@column@boxes}
11498 \newcommand\bidimulticol@align@columns
11499     {\if@RTLmain\RTL@column@boxes\else\LTR@column@boxes\fi}
11500 \def\multicols#1{\col@number#1\relax
11501     \ifnum\col@number<\tw@
11502         \PackageWarning{multicol}%
11503             {Using '\number\col@number'
11504              columns doesn't seem a good idea.^^J
11505              I therefore use two columns instead}%
11506         \col@number\tw@ \fi

```

```

11507 \ifnum\col@number>10
11508   \PackageError{multicol}%
11509     {Too many columns}%
11510     {Current implementation doesn't
11511       support more than 10 columns.%
11512     \MessageBreak
11513     I therefore use 10 columns instead}%
11514   \col@number10 \fi
11515   \ifx\@footnotetext\mult@footnotetext\else
11516     \let\orig@footnotetext\@footnotetext
11517     \let\@footnotetext\mult@footnotetext
11518   \fi
11519   \ifx\@LTRfootnotetext\mult@LTRfootnotetext\else
11520     \let\orig@LTRfootnotetext\@LTRfootnotetext
11521     \let\@LTRfootnotetext\mult@LTRfootnotetext
11522   \fi
11523   \ifx\@RTLfootnotetext\mult@RTLfootnotetext\else
11524     \let\orig@RTLfootnotetext\@RTLfootnotetext
11525     \let\@RTLfootnotetext\mult@RTLfootnotetext
11526   \fi
11527   \ifnextchar[\mult@cols{\mult@cols[]}]
11528 \long\def\mult@footnotetext#1{\begingroup
11529   \hsize\textwidth
11530   \columnwidth\textwidth
11531   \orig@footnotetext{#1}\endgroup}
11532 \long\def\mult@LTRfootnotetext#1{\begingroup
11533   \hsize\textwidth
11534   \columnwidth\textwidth
11535   \orig@LTRfootnotetext{#1}\endgroup}
11536 \long\def\mult@RTLfootnotetext#1{\begingroup
11537   \hsize\textwidth
11538   \columnwidth\textwidth
11539   \orig@RTLfootnotetext{#1}\endgroup}
11540 \def\right@footnoterule{%
11541   \hbox to \textwidth
11542     {\beginR \vbox{\kern -3\p@
11543       \hrule width .4\columnwidth \kern2.6\p@}\hfil\endR}}
11544 \def\textwidth@footnoterule{\kern-3\p@
11545   \hrule \@width \textwidth \kern 2.6\p@}

```

7.79 multienum-xetex-bidi.def

```

11546 \ProvidesFile{multienum-xetex-bidi.def}[2011/04/16 v0.1 bidi adaptations for multienum package]
11547 \renewcommand{\itemx}[1]{\parbox[t]{%
11548   {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11549   \parbox[t]{\remainx}{\bidi@raggedright #1}\par}%\smallskip
11550 \renewcommand{\itemxx}[2]{\parbox[t]{%
11551   {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11552   \parbox[t]{.5\remainxx}{\bidi@raggedright #1}\hfill\parbox[t]{%
11553   {\labelwidth}{\hfill{\labelname}}\hskip\labelsep

```

```

11554 \parbox[t]{0.5\remainxxx}{\bidi@raggedright #2}\smallskip}
11555 \renewcommand{\itemxxx}[3]{\parbox[t]%
11556 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11557 \parbox[t]{.3333\remainxxx}{\bidi@raggedright #1}\hfill\parbox[t]%
11558 {\labelwidth}{\hfill {\labelname}}\hskip\labelsep%
11559 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #2}\hfill\parbox[t]%
11560 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep%
11561 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #3}\par}%\smallskip
11562 \renewcommand{\itemxxxx}[4]{\parbox[t]%
11563 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11564 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill\parbox[t]%
11565 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11566 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11567 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11568 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\hfill%
11569 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11570 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #4}\smallskip}
11571 \renewcommand{\itemxxxxx}[5]{\parbox[t]%
11572 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11573 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #1}\hfill%
11574 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11575 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #2}\hfill%
11576 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11577 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #3}\hfill%
11578 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11579 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #4}\hfill%
11580 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11581 \parbox[t]{0.2\remainxxxxx}{\bidi@raggedright #5}\smallskip}
11582 \renewcommand{\itemxox}[2]{\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]{0.3333\remainxxx}{\bidi@raggedright #2}\smallskip}
11587 \renewcommand{\itemxox}[2]{\parbox[t]%
11588 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11589 \parbox[t]{0.3333\remainxxx}{\bidi@raggedright #1}\hfill%
11590 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11591 \parbox[t]{\remainxox}{\bidi@raggedright #2}\smallskip}
11592 \renewcommand{\itemxox}[3]{\parbox[t]%
11593 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11594 \parbox[t]{\remainxox}{\bidi@raggedright #1}\hfill%
11595 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11596 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11597 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11598 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11599 \renewcommand{\itemxox}[3]{\parbox[t]%
11600 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11601 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11602 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11603 \parbox[t]{\remainxox}{\bidi@raggedright #2}\hfill%

```

```

11604 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11605 \parbox[t]{0.25\remainxxxx}{\bidi@raggedright #3}\smallskip}
11606 \renewcommand{\itemxxxo}[3]{\parbox[t]{%
11607 {\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11608 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #1}\hfill%
11609 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11610 \parbox[t]{.25\remainxxxx}{\bidi@raggedright #2}\hfill%
11611 \parbox[t]{\labelwidth}{\hfill{\labelname}}\hskip\labelsep
11612 \parbox[t]{\remainxxx}{\bidi@raggedright #3}\smallskip}

```

7.80 natbib-xetex-bidi.def

```

11613 \ProvidesFile{natbib-xetex-bidi.def}[2011/06/04 v0.1 bidi adaptations for natbib package for
11614 \renewenvironment{thebibliography}[1]{%
11615 \bibsection
11616 \parindent\z@
11617 \bibpreamble
11618 \bibfont
11619 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
11620 \list{\@biblabel{\the\c@NAT@ctr}}{\@bibsetup{#1}\global\c@NAT@ctr\z@}%
11621 \ifNAT@openbib
11622 \renewcommand\newblock{\par}%
11623 \else
11624 \renewcommand\newblock{\hskip .11em \@plus.33em \@minus.07em}%
11625 \fi
11626 \sloppy\clubpenalty4000\widowpenalty4000
11627 \sfcode'\.\@m
11628 \let\NAT@bibitem@first@sw\@firstoftwo
11629 \let\citeN\cite \let\shortcite\cite
11630 \let\citeasnoun\cite
11631 }{%
11632 \bibitem@fin
11633 \bibpostamble
11634 \def\@noitemerr{%
11635 \PackageWarning{natbib}{Empty ‘thebibliography’ environment}%
11636 }%
11637 \endlist
11638 \bibcleanup
11639 }%

```

7.81 newfloat-xetex-bidi.def

```

11640 \ProvidesFile{newfloat-xetex-bidi.def}[2013/05/22 v0.1 bidi adaptations for newfloat package
11641 \renewcommand*\newfloat@setwithin[2]{%
11642 \ifcsname c@chapter\endcsname
11643 \@removefromreset{#1}{chapter}%
11644 \fi
11645 \@removefromreset{#1}{section}%
11646 \edef\@tempa{#2}%
11647 \ifx\@tempa\@empty
11648 \def\@tempa{none}%

```



```

11649 \fi
11650 \def\@tempb{none}%
11651 \ifx\@tempa\@tempb
11652   \ifcsname c@chapter\endcsname
11653     \@chapterlistsgap@off{#1}%
11654   \fi
11655   \newfloat@@setwithin{#1}{}{}%
11656 \else
11657   \def\@tempb{chapter}%
11658   \ifx\@tempa\@tempb
11659     \@addtoreset{#1}{chapter}%
11660     \@chapterlistsgap@on{#1}%
11661     \newfloat@@setwithin{#1}{\ifnum\c@chapter>\z@ \thechapter\@SepMark\fi}{\theHchapter\@SepMark}%
11662   \else
11663     \def\@tempb{section}%
11664     \ifx\@tempa\@tempb
11665       \@addtoreset{#1}{section}%
11666       \ifcsname c@chapter\endcsname
11667         \@addtoreset{#1}{chapter}%
11668         \@chapterlistsgap@on{#1}%
11669         \newfloat@@setwithin{#1}{\thesection\@SepMark}{\theHsection\@SepMark}%
11670       \else
11671         \newfloat@@setwithin{#1}{\ifnum\c@section>\z@ \thesection\@SepMark\fi}{\theHsection\@SepMark}%
11672       \fi
11673     \else
11674       \newfloat@Error{Invalid value ‘#2’ for option ‘within’}%
11675     \fi
11676   \fi
11677 \fi}

```

7.82 ntheorem-xetex-bidi.def

```

11678 \ProvidesFile{ntheorem-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem package]
11679 \gdef\@thm#1#2#3{%
11680   \if@thmmarks
11681     \stepcounter{end\InTheoType ctr}%
11682   \fi
11683   \renewcommand{\InTheoType}{#1}%
11684   \if@thmmarks
11685     \stepcounter{curr#1ctr}%
11686     \setcounter{end#1ctr}{0}%
11687   \fi
11688   \refstepcounter{#2}%
11689   \theorem@prework
11690   \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
11691   \ifvmode \advance\thm@topsepadd\partopsep\fi
11692   \trivlist
11693   \@topsep \theorempreskipamount
11694   \@topsepadd \thm@topsepadd % used by \@endparenv
11695   \advance\linewidth -\theorem@indent

```

```

11696 \advance\@totalleftmargin \theorem@indent
11697 \if@RTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
11698 \ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

7.83 ntheorem-hyper-xetex-bidi.def

```

11699 \ProvidesFile{ntheorem-hyper-xetex-bidi.def}[2012/05/01 v0.1 bidi adaptations for ntheorem-hy
11700 \gdef\@thm#1#2#3{%
11701   \if@thmmarks
11702     \stepcounter{end\InTheoType ctr}%
11703   \fi
11704   \renewcommand{\InTheoType}{#1}%
11705   \if@thmmarks
11706     \stepcounter{curr#1ctr}%
11707     \setcounter{end#1ctr}{0}%
11708   \fi
11709   \refstepcounter{#2}%
11710   \thm@topsepadd \theorempostskipamount % cf. latex.ltx: \@trivlist
11711   \ifvmode \advance\thm@topsepadd\partopsep\fi
11712   \trivlist
11713   \@topsep \theorempreskipamount
11714   \@topsepadd \thm@topsepadd % used by \@endparenv
11715   \advance\linewidth -\theorem@indent
11716   \advance\@totalleftmargin \theorem@indent
11717   \if@RTL\parshape \@ne Opt \linewidth\else \parshape \@ne \@totalleftmargin \linewidth\fi
11718   \@ifnextchar[{\@ythm{#1}{#2}{#3}}{\@xthm{#1}{#2}{#3}}

```

7.84 pdfpages-xetex-bidi.def

```

11719 \ProvidesFile{pdfpages-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for pdfpages package
11720 \renewcommand*{\includepdf}[2] [] {%
11721   \begingroup
11722   \@RTLfalse
11723   \let\AM@threadname\relax
11724   \AM@split@options{pdfpages}{#1}%
11725   \edef\AM@temp{\pdfpages}{\the\@temptokena}}%
11726   \expandafter\setkeys\AM@temp
11727   \ifthenelse{\boolean{AM@pkg@draft} \and \boolean{AM@survey}}{%
11728     \let\AM@currentdocname\relax
11729     \renewcommand\includegraphics[2] [] {Survey in draft-mode}%
11730     \def\AM@pagecount{0}%
11731   }{%
11732     \AM@findfile{#2}%
11733     \if\AM@threadname\relax
11734       \def\AM@threadname{\AM@currentdocname}%
11735     \fi
11736   }%
11737   \ifAM@survey
11738     \def\AM@pagestemp{}%
11739     \@tempcnta=0
11740     \def\foo{%

```

```

11741 \ifundefined{r@AM@xrprefix pdfpages@page\the\@tempcnta}%
11742 {\let\foo\relax}
11743 {\expandafter\ifx\expandafter\\AM@pagestemp\\
11744 \edef\AM@pagestemp{%
11745 \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}%
11746 \else
11747 \edef\AM@pagestemp{\AM@pagestemp,%
11748 \AM@pageref{\AM@xrprefix pdfpages@page\the\@tempcnta}}%
11749 \fi
11750 \advance\@tempcnta 1\relax
11751 }%
11752 \foo
11753 }%
11754 \foo
11755 \expandafter\ifx\expandafter\\AM@pagestemp\\
11756 \def\AM@pagestemp{1}%
11757 \fi
11758 \fi
11759 \ifAM@output
11760 \expandafter\AM@readlist\expandafter{\AM@pagestemp}%
11761 \AM@output{#1}%
11762 \fi
11763 \AM@CheckAtEnd
11764 \endgroup
11765 \AM@ClearShipoutPicture
11766 }

```

7.85 pgf-xetex-bidi.def

```

11767 \ProvidesFile{pgf-xetex-bidi.def}[2012/07/08 v0.4 bidi adaptations for pgf package for XeTeX]
11768 \let\origin@pgfpicture=\pgfpicture
11769 \let\origin@endpgfpicture=\endpgfpicture
11770 \def\pgfpicture{\ifmmode\else\LTR\beginL\fi\origin@pgfpicture}
11771 \def\endpgfpicture{\origin@endpgfpicture\ifmmode\else\endL\endLTR\fi}%

```

7.86 picinpar-xetex-bidi.def

```

11772 \ProvidesFile{picinpar-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for picinpar package]
11773 \long\def\@makewincaption#1#2{%
11774 \setbox\@tempboxa\hbox{\footnotesize{\bf #1:\enspace}{#2}}%
11775 \ifdim\wd\@tempboxa>\picwd
11776 {\footnotesize{\bf #1:\enspace}{#2\par}}
11777 \else
11778 \hbox to\picwd{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}
11779 \fi}
11780 \def\endwindow{%
11781 \global\tcd=\tcdsav
11782 \egroup\vskip\parskip\parshape=0 % reset parshape; end \box\rawtext
11783 \vbadness=10000
11784 \splittopskip=0pt
11785 %

```

```

11786 % Typeset the lines above the window
11787 %
11788 \ifnum\tcd>0\setbox\holder=\vsplit\rawtext to \tcd\baselineskip
11789 \tcn=\tcd
11790 \loop\advance\tcn -1
11791 \setbox\fslice=\vsplit\holder to\baselineskip
11792 \prune\fslice\linewidth
11793 \topheight=0pt
11794 \ifnum\dp\fslice>\dp\wstrutbox
11795     \advance\topheight-\dp\fslice
11796     \advance\topheight\dp\wstrutbox
11797     \advance\topheight\ilg\fi
11798 \hbox to\linewidth{\box\fslice}
11799 \vskip-\topheight
11800 \ifdim\ht\holder>0pt\repeat
11801 \fi
11802 %
11803 % Now we build the boxes beside the window
11804 %
11805 \global\topheight=\tcl\baselineskip
11806 \ifnum\cumpartcl>0\global\tcl=\cumtcl
11807     \global\topheight=\vpic
11808 \fi
11809 \ifnum\bl>0 \ifnum\br>0 \multiply\topheight by 2\fi\fi
11810 \ifnum\bl>0\setbox\holder=\vsplit\rawtext to\topheight
11811 \else\ifnum\br>0\setbox\holder=\vsplit\rawtext to\topheight\fi\fi
11812 \tcn=\tcl \na=0 \nb=0
11813 \ifnum\bl>0 \ifnum\br>0 \multiply\tcn by 2\fi\fi
11814 \ifnum\bl>0\na=\tcn\ifnum\br>0\divide\na by 2\fi\fi
11815 \ifnum\br>0\nb=\tcn\ifnum\bl>0\divide\nb by 2\fi\fi
11816 \ifnum\na=0\ifnum\nb=0
11817     \setbox\waslice=\vbox to\vpic{\vss}
11818     \setbox\wbslice=\vbox to\vpic{\vss}
11819     \bl=1\br=1
11820     \vskip\ilg
11821 \fi\fi
11822 %
11823 % both sides
11824 %
11825 \ifnum\na>0 \ifnum\nb>0
11826 \loop\advance\nb -1
11827 \advance\na -1
11828 \if@RTL%
11829 \setbox\bslice=\vsplit\holder to\baselineskip
11830 \prune\bslice\rtside
11831 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11832 to\rtside{\box\bslice\hfil}}
11833 \setbox\aslice=\vsplit\holder to\baselineskip
11834 \prune\aslice\lftside
11835 \setbox\waslice=\vbox{\unvbox\waslice\hbox

```

```

11836 to\lftside{\box\aslice\hfil}}
11837 \else%
11838 \setbox\aslice=\vsplit\holder to\baselineskip
11839 \prune\aslice\lftside
11840 \setbox\waslice=\vbox{\unvbox\waslice\hbox
11841 to\lftside{\box\aslice\hfil}}
11842 \setbox\bslice=\vsplit\holder to\baselineskip
11843 \prune\bslice\rtside
11844 \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11845 to\rtside{\box\bslice\hfil}}
11846 \fi%
11847 \ifnum\nb>0\repeat
11848 \fi\fi
11849 %
11850 % only text on the left side
11851 %
11852 \ifnum\na>0
11853     \loop\advance\na -1
11854     \setbox\aslice=\vsplit\holder to\baselineskip
11855     \prune\aslice\lftside
11856     \setbox\waslice=\vbox{\unvbox\waslice\hbox
11857 to\lftside{\box\aslice\hfil}}
11858     \ifdim\ht\holder>0pt\repeat
11859 \fi
11860 %
11861 % only text on the right side
11862 %
11863 \ifnum\nb>0
11864     \loop\advance\nb -1
11865     \setbox\bslice=\vsplit\holder to\baselineskip
11866     \prune\bslice\rtside
11867     \setbox\wbslice=\vbox{\unvbox\wbslice\hbox
11868 to\rtside{\box\bslice\hfil}}
11869     \ifdim\ht\holder>0pt\repeat
11870 \fi
11871 %
11872 % fixing the dimensions of the window part
11873 %
11874 \ifnum\bl=0\topheight=\ht\wbslice
11875 \else\ifnum\br=0\topheight=\ht\waslice
11876     \else\ifdim\ht\waslice>\ht\wbslice\topheight=\ht\waslice
11877     \else\topheight=\ht\wbslice\fi\fi\fi
11878 %
11879 % ship out the window material to the main vertical list
11880 %
11881 \ifnum\bl>0 \ifnum\br>0 \ifdim\ht\wbslice<\topheight
11882 \setbox\wbslice=\vbox to\topheight{\box\wbslice\vfill}
11883 \fi\fi\fi
11884 \setbox>windowbox=\vbox{\hbox to\linewidth{%
11885 \ifnum\bl>0\box\waslice\hfill\fi%

```

```

11886 \vbox to\topheight{\hrule width\picwd height0pt depth0pt\vskip0pt%
11887 \vfill\unvbox\picbox%
11888 \ifnum\picwd>0\vfill\fi%
11889 \vss}\ifnum\br>0\hfill\vbox{\box\wbslice}\fi}}%
11890 \unvbox\windowbox%
11891 \loop
11892 \setbox\bslice=\vsplit\rawtext to\baselineskip
11893 \prune\bslice\linewidth
11894 \setbox\wbslice=\vbox{\hbox to\linewidth{\box\bslice\hfil}}
11895 \unvbox\wbslice
11896 \ifdim\ht\rawtext>0pt
11897 \repeat
11898 }% FINITO

```

7.87 plain-xetex-bidi.def

```

11899 \def\TeXXeTOn{\TeXXeTstate=1 }
11900 \def\TeXXeTOff{\TeXXeTstate=0 }
11901 \TeXXeTOn
11902 \def\usebox#1{\leavevmode\copy #1\relax}
11903 \def\bidi@RTL@everypar{\if@RTL{\setbox\z@lastbox\beginR\ifvoid\z@\else\usebox\z@\fi}\fi}
11904 \let\bidi@o@everypar=\everypar
11905 \newtoks\bidi@n@everypar
11906 \bidi@n@everypar\expandafter{\the\bidi@o@everypar}
11907 \bidi@o@everypar{\bidi@RTL@everypar\the\bidi@n@everypar}
11908 \let\everypar=\bidi@n@everypar
11909 \def\moreLRE{\bracetext \aftergroup\endL \beginL@RTLfalse}
11910 \def\moreRLE{\bracetext \aftergroup\endR \beginR@RTLtrue}
11911 \protected\def\hboxR{\hbox\bgroup
11912 \everyhbox{%
11913 \aftergroup\egroup
11914 \everyhbox{}}%
11915 \beginR
11916 \bgroup
11917 \aftergroup\endR
11918 \aftergroup\egroup
11919 }\hbox}
11920 \protected\def\hboxL{\hbox\bgroup
11921 \everyhbox{%
11922 \aftergroup\egroup
11923 \everyhbox{}}%
11924 \beginL
11925 \bgroup
11926 \aftergroup\endL
11927 \aftergroup\egroup
11928 }\hbox}
11929 \protected\def\vboxR{\vbox\bgroup
11930 \everyvbox{%
11931 \aftergroup\egroup
11932 \everyvbox{}}%

```

```

11933 \RTLtrue
11934 \bgroup
11935 \aftergroup\egroup
11936 }\vbox}
11937 \protected\def\vboxL{\vbox\bgroup
11938 \everyvbox{%
11939 \aftergroup\egroup
11940 \everyvbox{}}%
11941 \RTLfalse
11942 \bgroup
11943 \aftergroup\egroup
11944 }\vbox}
11945 \def\LTR{\par\RTLfalse\@RTL@footnotefalse\hsize\linewidth\parshape\z@}
11946 \def\endLTR{\par}
11947 \def\RTL{\par\RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
11948 \def\endRTL{\par}
11949 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
11950 \def\setLTR{\@RTLfalse\@RTL@footnotefalse}
11951 \let\unsetRTL=\setRTL
11952 \let\unsetLTR=\setRTL
11953 \let\LR=\LRE
11954 \let\RL=\RLE
11955 \def\@ensureRTL#1{\ifRTL#1\else\RLE{#1}\fi}
11956 \def\@ensureLTR#1{\ifRTL\LRE{#1}\else#1\fi}
11957 \let\@ensureRL=\@ensureRTL
11958 \let\@ensureLR=\@ensureLTR
11959 \def\@ensure@dir#1{\ifRTL\RLE{#1}\else{#1}\fi}
11960 \let\@ensure@maindir=\@ensure@dir
11961 \def\@RTL{RTL}
11962 \def\@LTR{LTR}
11963 \def\save@dir{\ifRTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
11964 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi}
11965 \let\@TeX\TeX
11966 \def\TeX{\@ensureLTR{\@TeX}}
11967 \long\def\@bidi@reflect@box#1{%
11968 \leavevmode
11969 \setbox\z@\hbox{#1}}%
11970 \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
11971 \hbox to \wd\z@{\kern\wd\z@\box\tw@\hss}%
11972 }
11973 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
11974 \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
11975 \let\setRL=\setRTL
11976 \let\setLR=\setLTR
11977 \let\unsetRL=\setLTR
11978 \let\@bidi@sav@eqno=\eqno
11979 \let\@bidi@sav@leqno=\leqno
11980 \def\eqno{\ifnum\predisplaydirection<\z@ \@bidi@sav@leqno \else \@bidi@sav@eqno \fi}
11981 \def\leqno{\ifnum\predisplaydirection<\z@ \@bidi@sav@eqno \else \@bidi@sav@leqno \fi}
11982 \def\centerline#1{\line{\hss\ifRTL\beginR\fi#1\ifRTL\endR\fi\hss}}

```

```

11983 \def\leftline#1{\line{\if@RTL\beginR\fi#1\if@RTL\endR\fi\hss}}
11984 \def\rightline#1{\line{\hss\if@RTL\beginR\fi#1\if@RTL\endR\fi}}

```

7.88 pstricks-xetex-bidi.def

```

11985 \ProvidesFile{pstricks-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for pstricks package]
11986 \let\origin@pspicture=\pspicture
11987 \let\origin@endpspicture=\endpspicture
11988 \def\pspicture{\ifmmode\else\LTR\beginL\fi\origin@pspicture}
11989 \def\endpspicture{\origin@endpspicture\ifmmode\else\endL\endLTR\fi}

```

7.89 quotchap-xetex-bidi.def

```

11990 \ProvidesFile{quotchap-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for quotchap package]
11991 \renewcommand{\qauthor}[1]{%
11992   \par\smallskip
11993   {\if@RTL\raggedright\else\raggedleft\fi\upshape #1\quad\hbox{}\par}\bigskip}
11994 \renewcommand{\@makechapterhead}[1]{\chapterheadstartvskip%
11995   {\size@chapter{\sectfont\if@RTL\raggedright\else\raggedleft\fi
11996     {\chapnumfont
11997       \ifnum \c@secnumdepth >\m@ne%
11998       \if@mainmatter\thechapter%
11999       \fi\fi
12000       \par\nobreak}%
12001     {\if@RTL\raggedright\else\raggedleft\fi\advance\if@RTL\rightmargin\else\leftmargin\fi10pt}
12002     \nobreak\chapterheadendvskip}}
12003 \renewcommand*{\@iprintcites}{%
12004   \vbox to\z@{\leavevmode\copy\@quotebox\vss}
12005   \global\let\@printcites\relax}

```

7.90 ragged2e-xetex-bidi.def

```

12006 \ProvidesFile{ragged2e-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for ragged2e package]
12007 \renewcommand{\Centering}{%
12008   \ifx\\ \@raggedtwoe@savedcr
12009   \let\\ \@centercr
12010   \fi
12011   \let\@gnewline\@raggedtwoe@gnewline
12012   \if@RTL\rightright\else\leftskip\fi\CenteringLeftskip
12013   \@rightskip\CenteringRightskip
12014   \if@RTL\leftskip\else\rightskip\fi\@rightskip
12015   \parfillskip\CenteringParfillskip
12016   \parindent\CenteringParindent
12017   \@raggedtwoe@spaceskiptrue
12018   \@raggedtwoe@everyselectfont
12019   }
12020 \renewcommand{\RaggedLeft}{%
12021   \ifx\\ \@raggedtwoe@savedcr
12022   \let\\ \@centercr
12023   \fi
12024   \let\@gnewline\@raggedtwoe@gnewline
12025   \if@RTL\rightright\else\leftskip\fi\RaggedLeftLeftskip

```



```

12026 \@rightskip\RaggedLeftRightskip
12027 \if@RTL\leftskip\else\rightskip\fi\@rightskip
12028 \parfillskip\RaggedLeftParfillskip
12029 \parindent\RaggedLeftParindent
12030 \@raggedtwo@spaceskiptrue
12031 \@raggedtwo@everyselectfont
12032 }
12033 \renewcommand{\RaggedRight}{%
12034 \ifx\\ \@raggedtwo@savedcr
12035 \let\\ \@centercr
12036 \fi
12037 \let\@gnewline\@raggedtwo@gnewline
12038 \if@RTL\rightskip\else\leftskip\fi\RaggedRightLeftskip
12039 \@rightskip\RaggedRightRightskip
12040 \if@RTL\leftskip\else\rightskip\fi\@rightskip
12041 \parfillskip\RaggedRightParfillskip
12042 \parindent\RaggedRightParindent
12043 \@raggedtwo@spaceskiptrue
12044 \@raggedtwo@everyselectfont
12045 }
12046 \renewcommand{\justifying}{%
12047 \let\\ \@raggedtwo@savedcr
12048 \let\@gnewline\@raggedtwo@saved@gnewline
12049 \if@RTL\rightskip\else\leftskip\fi\z@
12050 \@rightskip\z@
12051 \if@RTL\leftskip\else\rightskip\fi\@rightskip
12052 \parfillskip\JustifyingParfillskip
12053 \parindent\JustifyingParindent
12054 \@raggedtwo@spaceskipfalse
12055 \@raggedtwo@everyselectfont
12056 }
12057 \renewcommand*{\@raggedtwo@raggedrightboxes@opt}{
12058 \CheckCommand*{\arrayparboxrestore}{%
12059 \let\if@nobreak\iffalse
12060 \let\if@noskipsec\iffalse
12061 \let\par\@par
12062 \let\-\@dischyph
12063 \let\' \@acci\let\' \@accii\let\=\@acciii
12064 \parindent\z@ \parskip\z@skip
12065 \everypar{}%
12066 \linewidth\hsize
12067 \@totalleftmargin\z@
12068 \if@RTL\rightskip\else\leftskip\fi\z@skip \if@RTL\leftskip\else\rightskip\fi\z@skip \@rightskip\z@skip
12069 \parfillskip\@flushglue \lineskip\normallineskip
12070 \baselineskip\normalbaselineskip
12071 \sloppy}%
12072 \renewcommand{\arrayparboxrestore}{%
12073 \let\if@nobreak\iffalse
12074 \let\if@noskipsec\iffalse
12075 \let\par\@par

```

```

12076 \let\-\@dischyph
12077 \let\'\'@acci\let\'\'@accii\let\=\@acciii
12078 \parskip\z@skip
12079 \everypar{}%
12080 \linewidth\hsize
12081 \@totalleftmargin\z@
12082 \RaggedRight
12083 \lineskip\normallineskip
12084 \baselineskip\normalbaselineskip
12085 \sloppy}%
12086 \let\@raggedtwoe@raggedrightboxes@opt\relax
12087 }
12088 \let\origin@RaggedLeft=\RaggedLeft
12089 \let\origin@RaggedRight=\RaggedRight
12090 \def\RaggedLeft{\if@RTL\origin@RaggedRight\else\origin@RaggedLeft\fi}
12091 \def\RaggedRight{\if@RTL\origin@RaggedLeft\else\origin@RaggedRight\fi}

```

7.91 rapport1-xetex-bidi.def

```

12092 \ProvidesFile{rapport1-xetex-bidi.def}[2011/08/26 v0.2 bidi adaptations for rapport1 class fo
12093 \renewenvironment{theindex}{%
12094 \if@twocolumn
12095 \@restonecolfalse
12096 \else
12097 \@restonecoltrue
12098 \fi
12099 \columnseprule \z@
12100 \columnsep 35\p@
12101 \twocolumn[\@makeschapterhead{\indexname}]]%
12102 \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
12103 \thispagestyle{plain}\parindent\z@
12104 \parskip\z@ \@plus .3\p@\relax
12105 \let\item\@idxitem
12106 }{%
12107 \if@restonecol\onecolumn\else\clearpage\fi}
12108 \renewcommand*{head@style}{%
12109 \interlinepenalty \@M
12110 \hyphenpenalty=\@M \exhyphenpenalty=\@M
12111 \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}
12112 \if@titlepage
12113 \renewenvironment{abstract}{%
12114 \titlepage
12115 \null\vfil
12116 \section*{\SectFont\abstractname}%
12117 \noindent\ignorespaces}
12118 {\par\vfil\null\endtitlepage}
12119 \else
12120 \renewenvironment{abstract}{%
12121 \if@twocolumn
12122 \section*{\abstractname}%

```

```

12123     \else
12124         \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12125         \section*{\small\SectFont\abstractname}%
12126         \noindent\ignorespaces
12127     \fi}
12128     {\if@twocolumn\else\par\egroup\fi}
12129 \fi
12130 \renewcommand*\@regtocline[3]{%
12131     \ifnum #1>\c@tocdepth
12132     \else
12133         \vskip\z@\@plus.2\p@
12134         {\hangindent\z@ \afterindenttrue \interlinepenalty\@M
12135         \if@RTL\rightskip\else\leftskip\fi\unitindent
12136         \if@RTL\leftskip\else\rightskip\fi\unitindent\@plus 1fil
12137         \parfillskip\z@
12138         \@tempdima\unitindent
12139         \parindent\z@
12140         \leavevmode
12141         \hbox{}\hskip -\if@RTL\rightskip\else\leftskip\fi\relax#2\nobreak
12142         \hskip 1em \nobreak{\slshape #3}\par
12143     }%
12144     \fi}
12145 \if@oldtoc
12146 \renewcommand*\l@part[2]{%
12147     \ifnum \c@tocdepth >-2\relax
12148         \addpenalty{-\@highpenalty}%
12149         \addvspace{2.25em \@plus\p@}%
12150         \begingroup
12151             \setlength\@tempdima{3em}%
12152             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12153             \parfillskip -\@pnumwidth
12154             {\leavevmode
12155                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12156             \nobreak
12157             \global\@nobreaktrue
12158             \everypar{\global\@nobreakfalse\everypar{}}%
12159         \endgroup
12160     \fi}
12161 \else
12162     \renewcommand*\l@part{%
12163         \ifnum \c@tocdepth >-2\relax
12164             \addpenalty{-\@highpenalty}%
12165             \addvspace{2.25em \@plus \p@}%
12166             \@regtocline{0}%
12167         \fi}
12168 \fi
12169 \if@oldtoc
12170 \renewcommand*\l@chapter[2]{%
12171     \addpenalty{-\@highpenalty}%
12172     \vskip 1.0em \@plus\p@

```

```

12173 \setlength\@tempdima{1.5em}%
12174 \begingroup
12175 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12176 \parfillskip -\@pnumwidth
12177 \leavevmode \bfseries
12178 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12179 \hskip -\if@RTL\rightskip\else\leftskip\fi
12180 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12181 \penalty\@highpenalty
12182 \endgroup}
12183 \else
12184 \renewcommand*\l@chapter{\@regtocline{0}}
12185 \fi
12186 \renewcommand*\left@footnoterule{%
12187 \kern-3\p@
12188 \kern.5\baselineskip
12189 \hrule\@width\unitindent
12190 \kern.4\baselineskip
12191 }
12192 \renewcommand*\right@footnoterule{%
12193 \hbox to \columnwidth
12194 {\beginR \vbox{%
12195 \kern-3\p@
12196 \kern.5\baselineskip
12197 \hrule\@width\unitindent
12198 \kern.4\baselineskip}\hfil\endR}
12199 }
12200 \renewenvironment{thebibliography}[1]
12201 {\chapter*\bibname}%
12202 \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12203 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12204 \list{\@biblabel{\@arabic\c@enumiv}}%
12205 {\settowidth\labelwidth{\@biblabel{#1}}%
12206 \leftmargin\labelwidth
12207 \advance\leftmargin\labelsep
12208 \openbib@code
12209 \usecounter{enumiv}%
12210 \let\p@enumiv\@empty
12211 \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
12212 \sloppy\clubpenalty4000\widowpenalty4000%
12213 \sfcode'\.\@m}
12214 {\def\@noitemerr
12215 {\@latex@warning{Empty 'thebibliography' environment}}}%
12216 \endlist}
12217 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
12218 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
12219 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
12220 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
12221 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
12222 \renewcommand*\theequation{%

```

```

12223 \ifnum \c@chapter>\z@ \thechapter\@SepMark\fi\@arabic\c@equation}
12224 \renewcommand*\thefigure{%
12225 \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
12226 \renewcommand*\thetable{%
12227 \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
12228 \if@titlepage
12229 \renewcommand*\TitleFont{\rmfamily}
12230 \renewcommand*\maketitle{%
12231 \begin{titlepage}%
12232 \let\footnotesize\small
12233 \let\right@footnoterule\relax
12234 \let\left@footnoterule\relax
12235 \let\textwidth\footnoterule\relax
12236 \let \footnote \thanks
12237 \long\def\@makefnmark##1{\parindent\z@
12238 \def\labelitemi{\textendash}\@revlabeltrue
12239 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12240 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12241 \if@compatibility\setcounter{page}{0}\fi
12242 \null\vfil
12243 \vskip 60\p@
12244 \begin{center}%
12245 \TitleFont
12246 {\LARGE \def\\{\penalty -\@M}
12247 \if@allcaps
12248 \expandafter\uc@nothanks\@title\thanks\relax
12249 \else
12250 \@title
12251 \fi\par}%
12252 \vskip 3em%
12253 {\large
12254 \lineskip .75em \parindent\z@
12255 \begin{tabular}[t]{c}%
12256 \if@allcaps
12257 \expandafter\uc@authornothanks\@author\and\relax
12258 \else
12259 \@author
12260 \fi
12261 \end{tabular}\par}%
12262 \vskip 1.5em%
12263 {\large
12264 \if@allcaps
12265 \uppercase\expandafter{\@date}%
12266 \else
12267 \@date
12268 \fi\par}%
12269 \end{center}\par
12270 \@thanks
12271 \vfil\null
12272 \end{titlepage}%

```

```

12273 \setcounter{footnote}{0}%
12274 \global\let\thanks\relax
12275 \global\let\maketitle\relax
12276 \global\let\@thanks\@empty
12277 \global\let\@author\@empty
12278 \global\let\@title\@empty
12279 \global\let\@date\@empty
12280 \global\let\title\relax
12281 \global\let\author\relax
12282 \global\let\date\relax
12283 \global\let\and\relax
12284 }
12285 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12286 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12287 \futurelet\@tempa\uc@ax}
12288 \def\uc@ax{%
12289 \ifx\@tempa\relax
12290 \else
12291 \ \andname \ \expandafter\uc@authornothanks
12292 \fi}
12293 \def\uc@tx{\ifx\@tempa\relax
12294 \else \expandafter\uc@ty \fi}
12295 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12296 \else
12297 \renewcommand*\maketitle{\par
12298 \begingroup
12299 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12300 \def\@makefnmark{\rlap{%
12301 \textsuperscript{\normalfont\@thefnmark}}}%
12302 \long\def\@makefntext{\@xmakefntext{%
12303 \textsuperscript{\normalfont\@thefnmark}}}%
12304 \if@twocolumn
12305 \ifnum \col@number=\@ne
12306 \@maketitle
12307 \else
12308 \twocolumn[\@maketitle]%
12309 \fi
12310 \else
12311 \newpage
12312 \global\@topnum\z@
12313 \@maketitle
12314 \fi
12315 \thispagestyle{plain}\@thanks
12316 \endgroup
12317 \setcounter{footnote}{0}%
12318 \global\let\thanks\relax
12319 \global\let\maketitle\relax
12320 \global\let\@maketitle\relax
12321 \global\let\@thanks\@empty
12322 \global\let\@author\@empty

```

```

12323 \global\let\@title\@empty
12324 \global\let\@date\@empty
12325 \global\let\title\relax
12326 \global\let\author\relax
12327 \global\let\date\relax
12328 \global\let\and\relax
12329 }
12330 \def\@maketitle{%
12331   \newpage
12332   \null
12333   \vskip 2em%
12334   \begin{center}%
12335     \let \footnote \thanks
12336     {\LARGE \TitleFont \@title \par}%
12337     \vskip 1.5em%
12338     {\large \TitleFont
12339       \lineskip .5em%
12340       \begin{tabular}[t]{c}%
12341         \@author
12342         \end{tabular}\par}%
12343     \vskip 1em%
12344     {\large \TitleFont \@date}%
12345   \end{center}%
12346   \par
12347   \vskip 1.5em}
12348 \fi

```

7.92 rapport3-xetex-bidi.def

```

12349 \ProvidesFile{rapport3-xetex-bidi.def}[2011/08/26 v0.4 bidi adaptations for rapport3 class fo
12350 \renewenvironment{theindex}{%
12351   \if@twocolumn
12352     \@restonecolfalse
12353   \else
12354     \@restonecoltrue
12355   \fi
12356   \columnseprule \z@
12357   \columnsep 35\p@
12358   \twocolumn[\@makeschapterhead{\indexname}]{%
12359     \@mkboth{\MakeUppercase{\indexname}}{\MakeUppercase{\indexname}}}%
12360   \thispagestyle{plain}\parindent\z@
12361   \parskip\z@ \@plus .3\p@\relax
12362   \let\item\@idxitem
12363   }{%
12364     \if@restonecol\onecolumn\else\clearpage\fi}
12365 \if@titlepage
12366 \renewcommand*\TitleFont{\rmfamily}
12367 \renewcommand*\maketitle{%
12368   \begin{titlepage}%
12369     \let\footnotesize\small

```

```

12370 \let\right@footnoterule\relax
12371 \let\left@footnoterule\relax
12372 \let\textwidth@footnoterule\relax
12373 \let \footnote \thanks
12374 \let \LTRfootnote \LTRthanks
12375 \let \RTLfootnote \RTLthanks
12376 \long\def\@makefntext##1{\parindent\z@
12377 \def\labelitemi{\textendash}\@revlabeltrue
12378 \leavevmode\@textsuperscript{\@thefnmark}\kern1em\relax ##1}
12379 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12380 \if@compatibility\setcounter{page}{0}\fi
12381 \null\vfil
12382 \vskip 60\p@
12383 \begin{center}%
12384 \TitleFont
12385 {\LARGE \def\\{\penalty -\@M}
12386 \if@allcaps
12387 \expandafter\uc@nothanks\@title\thanks\relax
12388 \else
12389 \@title
12390 \fi\par}%
12391 \vskip 3em%
12392 {\large
12393 \lineskip .75em \parindent\z@
12394 \begin{tabular}[t]{c}%
12395 \if@allcaps
12396 \expandafter\uc@authornothanks\@author\and\relax
12397 \else
12398 \@author
12399 \fi
12400 \end{tabular}\par}%
12401 \vskip 1.5em%
12402 {\large
12403 \if@allcaps
12404 \uppercase\expandafter{\@date}%
12405 \else
12406 \@date
12407 \fi\par}%
12408 \end{center}\par
12409 \@thanks
12410 \vfil\null
12411 \end{titlepage}%
12412 \setcounter{footnote}{0}%
12413 \global\let\thanks\relax
12414 \global\let\LTRthanks\relax
12415 \global\let\RTLthanks\relax
12416 \global\let\maketitle\relax
12417 \global\let\@thanks\@empty
12418 \global\let\@author\@empty
12419 \global\let\@title\@empty

```



```

12420 \global\let\@date\@empty
12421 \global\let\title\relax
12422 \global\let\author\relax
12423 \global\let\date\relax
12424 \global\let\and\relax
12425 }
12426 \def\uc@nothanks#1\thanks{\uppercase{#1}\futurelet\@tempa\uc@tx}
12427 \def\uc@authornothanks#1\and{\uc@nothanks#1\thanks\relax
12428 \futurelet\@tempa\uc@ax}
12429 \def\uc@ax{%
12430 \ifx\@tempa\relax
12431 \else
12432 \ \andname \ \expandafter\uc@authornothanks
12433 \fi}
12434 \def\uc@tx{\ifx\@tempa\relax
12435 \else \expandafter\uc@ty \fi}
12436 \def\uc@ty#1{\thanks{#1}\uc@nothanks}
12437 \else
12438 \renewcommand*\maketitle{\par
12439 \begingroup
12440 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
12441 \def\@makefnmark{\rlap{%
12442 \textsuperscript{\normalfont\@thefnmark}}}%
12443 \long\def\@makefntext{\@xmakefntext{%
12444 \textsuperscript{\normalfont\@thefnmark}}}%
12445 \if@twocolumn
12446 \ifnum \col@number=\@ne
12447 \maketitle
12448 \else
12449 \twocolumn[\maketitle]%
12450 \fi
12451 \else
12452 \newpage
12453 \global\@topnum\z@
12454 \maketitle
12455 \fi
12456 \thispagestyle{plain}\@thanks
12457 \endgroup
12458 \setcounter{footnote}{0}%
12459 \global\let\thanks\relax
12460 \global\let\LTRthanks\relax
12461 \global\let\RTLthanks\relax
12462 \global\let\maketitle\relax
12463 \global\let\@maketitle\relax
12464 \global\let\@thanks\@empty
12465 \global\let\@author\@empty
12466 \global\let\@title\@empty
12467 \global\let\@date\@empty
12468 \global\let\title\relax
12469 \global\let\author\relax

```

```

12470 \global\let\date\relax
12471 \global\let\and\relax
12472 }
12473 \def\@maketitle{%
12474 \newpage
12475 \null
12476 \vskip 2em%
12477 \if@titlecentered
12478 \begin{center}%
12479 \let \footnote \thanks
12480 \let \LTRfootnote \LTRthanks
12481 \let \RTLfootnote \RTLthanks
12482 {\LARGE \TitleFont \@title \par}%
12483 \vskip 1.5em%
12484 {\large \TitleFont
12485 \lineskip .5em%
12486 \begin{tabular}[t]{c}%
12487 \@author
12488 \end{tabular}\par}%
12489 \vskip 1em%
12490 {\large \TitleFont \@date}%
12491 \end{center}%
12492 \else
12493 {\LARGE \TitleFont \head@style \@title \par} \vskip 1.5em
12494 {\large \TitleFont \lineskip .5em \tabcolsep\z@
12495 \def\and{%% \begin{tabular} has already started
12496 \end{tabular}\hskip 1em plus .17fil
12497 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi}% \end{tabular}
12498 \if@RTL\begin{tabular}[t]{r}\else\begin{tabular}[t]{l}\fi\@author\end{tabular}\par}
12499 \vskip 1em {\large \TitleFont \@date}
12500 \fi
12501 \par
12502 \vskip 1.5em}
12503 \fi
12504 \renewcommand*\@regtocline[3]{%
12505 \ifnum #1>\c@tocdepth
12506 \else
12507 \vskip\z@\@plus.2\p@
12508 {\hangindent\z@ \@afterindenttrue \interlinepenalty\@M
12509 \if@RTL\righskip\else\leftskip\fi\unitindent
12510 \if@RTL\leftskip\else\righskip\fi\unitindent\@plus 1fil
12511 \parfillskip\z@
12512 \@tempdima\unitindent
12513 \parindent\z@
12514 \leavevmode
12515 \hbox{}\hskip -\if@RTL\righskip\else\leftskip\fi\relax#2\nobreak
12516 \hskip 1em \nobreak{\slshape #3}\par
12517 }%
12518 \fi}
12519 \if@oldtoc

```

```

12520 \renewcommand*\l@part[2]{%
12521   \ifnum \c@tocdepth >-2\relax
12522     \addpenalty{-\@highpenalty}%
12523     \addvspace{2.25em \@plus\p@}%
12524     \begingroup
12525       \setlength\@tempdima{3em}%
12526       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12527       \parfillskip -\@pnumwidth
12528       {\leavevmode
12529         \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12530         \nobreak
12531         \global\@nobreaktrue
12532         \everypar{\global\@nobreakfalse\everypar{}}%
12533       \endgroup
12534   \fi}
12535 \else
12536   \renewcommand*\l@part{%
12537     \ifnum \c@tocdepth >-2\relax
12538       \addpenalty{-\@highpenalty}%
12539       \addvspace{2.25em \@plus\p@}%
12540       \@regtocline{0}%
12541     \fi}
12542 \fi
12543 \if@oldtoc
12544 \renewcommand*\l@chapter[2]{%
12545   \addpenalty{-\@highpenalty}%
12546   \vskip 1.0em \@plus\p@
12547   \setlength\@tempdima{1.5em}%
12548   \begingroup
12549   \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12550   \parfillskip -\@pnumwidth
12551   \leavevmode \bfseries
12552   \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12553   \hskip -\if@RTL\rightskip\else\leftskip\fi
12554   #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12555   \penalty\@highpenalty
12556   \endgroup}
12557 \else
12558   \renewcommand*\l@chapter{\@regtocline{0}}
12559 \fi
12560 \renewcommand*\head@style{%
12561   \interlinepenalty \@M
12562   \hyphenpenalty=\@M \exhyphenpenalty=\@M
12563   \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hspace\relax}
12564 \if@titlepage
12565   \renewenvironment{abstract}{%
12566     \titlepage
12567     \null\vfil
12568     \section*{\SectFont\abstractname}%
12569     \noindent\ignorespaces}

```

```

12570      {\par\vfil\null\endtitlepage}
12571 \else
12572   \renewenvironment{abstract}{%
12573     \if@twocolumn
12574       \section*{\abstractname}%
12575     \else
12576       \bgroup\if@RTL\leftskip\else\rightskip\fi=\unitindent
12577       \section*{\small\SectFont\abstractname}%
12578       \noindent\ignorespaces
12579     \fi}
12580     {\if@twocolumn\else\par\egroup\fi}
12581 \fi
12582 \renewcommand*\thesection{\thechapter\@SepMark\@arabic\c@section}
12583 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\c@subsection}
12584 \renewcommand*\thesubsubsection{\thesubsection\@SepMark\@arabic\c@subsubsection}
12585 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\c@paragraph}
12586 \renewcommand*\thesubparagraph{\theparagraph\@SepMark\@arabic\c@subparagraph}
12587 \renewcommand*\thefigure{%
12588   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@figure}
12589 \renewcommand*\thetable{%
12590   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@table}
12591 \renewcommand*\theequation{%
12592   \ifnum\c@chapter>\z@\thechapter\@SepMark\fi\@arabic\c@equation}
12593 \renewenvironment{thebibliography}[1]
12594   {\chapter*{\bibname}%
12595     \mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12596     \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12597     \list{\@biblabel{\@arabic\c@enumiv}}%
12598       {\settowidth\labelwidth{\@biblabel{#1}}%
12599        \leftmargin\labelwidth
12600        \advance\leftmargin\labelsep
12601        \@openbib@code
12602        \usecounter{enumiv}%
12603        \let\p@enumiv\@empty
12604        \renewcommand*\theenumiv{\@arabic\c@enumiv}}%
12605     \sloppy\clubpenalty4000\widowpenalty4000%
12606     \sfcode'\.\@m}
12607   {\def\@noitemerr
12608     {\@latex@warning{Empty 'thebibliography' environment}}%
12609     \endlist}
12610 \renewcommand*\left@footnoterule{%
12611   \kern-3\p@
12612   \kern.5\baselineskip
12613   \hrule\@width\unitindent
12614   \kern.4\baselineskip
12615 }
12616 \renewcommand*\right@footnoterule{%
12617   \hbox to \columnwidth
12618   {\beginR \vbox{%
12619     \kern-3\p@

```

```

12620 \kern.5\baselineskip
12621 \hrule\@width\unitindent
12622 \kern.4\baselineskip}\hfil\endR}
12623 }
12624 \renewcommand*\head@style{%
12625     \interlinepenalty \@M
12626     \hyphenpenalty=\@M \exhyphenpenalty=\@M
12627     \if@RTL\leftskip\else\rightskip\fi=0cm plus .7\hsize\relax}

```

7.93 refrep-xetex-bidi.def

```

12628 \ProvidesFile{refrep-xetex-bidi.def}[2010/07/25 v0.3 bidi adaptations for refrep class for Xe
12629 \if@titlepage
12630 \renewcommand\maketitle{\begin{titlepage}%
12631 \let\footnotesize\small
12632 \let\right@footnoterule\relax
12633 \let\left@footnoterule\relax
12634 \let\textwidth\footnoterule\relax
12635 \let\footnote\thanks
12636 \let\LTRfootnote\LTRthanks
12637 \let\RTLfootnote\RTLthanks
12638 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12639 \def\@makefnmark%
12640     {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12641 \long\def\@makefntext##1{%
12642     \setpar{\@par
12643         \@tempdima = \hsize
12644         \advance\@tempdima -1em
12645         \parshape \@ne 1em \@tempdima}%
12646     \par\parindent 1em \noindent
12647     \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
12648 \null\vfil
12649 \vskip 60\p@
12650 \begin{center}%
12651     {\LARGE \@title \par}%
12652     \vskip 3em%
12653     {\large
12654         \lineskip .75em%
12655         \begin{tabular}[t]{c}%
12656             \@author
12657         \end{tabular}\par}%
12658     \vskip 1.5em%
12659     {\large \@date \par}% % Set date in \large size.
12660 \end{center}\par
12661 \@thanks
12662 \vfil\null
12663 \end{titlepage}%
12664 \setcounter{footnote}{0}%
12665 \global\let\thanks\relax
12666 \global\let\LTRthanks\relax

```

```

12667 \global\let\RTLthanks\relax
12668 \global\let\maketitle\relax
12669 \global\let\@thanks\@empty
12670 \global\let\@author\@empty
12671 \global\let\@date\@empty
12672 \global\let\@title\@empty
12673 \global\let\title\relax
12674 \global\let\author\relax
12675 \global\let\date\relax
12676 \global\let\and\relax
12677 }
12678 \else
12679 \renewcommand\maketitle{\par
12680   \begingroup
12681     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12682     \def\@makefnmark%
12683       {\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12684     \long\def\@makefnmark##1{%
12685       \setpar{\@par
12686         \@tempdima = \hspace
12687         \advance\@tempdima -1em
12688         \parshape \@ne 1em \@tempdima}%
12689       \par\parindent 1em \noindent
12690       \hb@xt@\z@{\hss\@textsuperscript{\normalfont\@thefnmark}\,}##1}
12691     \if@twocolumn
12692       \ifnum \col@number=\@ne
12693         \@maketitle
12694       \else
12695         \twocolumn[\@maketitle]%
12696       \fi
12697     \else
12698       \newpage
12699       \global\@topnum\z@ % Prevents figures from going at top of page.
12700       \@maketitle
12701     \fi
12702     \thispagestyle{empty}\@thanks
12703   \endgroup
12704   \setcounter{footnote}{0}%
12705 \global\let\thanks\relax
12706 \global\let\LTRthanks\relax
12707 \global\let\RTLthanks\relax
12708 \global\let\maketitle\relax
12709 \global\let\@maketitle\relax
12710 \global\let\@thanks\@empty
12711 \global\let\@author\@empty
12712 \global\let\@date\@empty
12713 \global\let\@title\@empty
12714 \global\let\title\relax
12715 \global\let\author\relax
12716 \global\let\date\relax

```

```

12717 \global\let\and\relax
12718 }
12719 \def\@maketitle{%
12720 \newpage
12721 \null
12722 \longthickrule\vskip1.5em%
12723 \let \footnote \thanks
12724 \let \LTRfootnote \LTRthanks
12725 \let \RTLfootnote \RTLthanks
12726 {\secshape \parskip\z@ \parindent\z@
12727 \Large\bfseries \@title \par}%
12728 \vskip1.5em\longthickrule\vskip1.5em%
12729 {\normalsize
12730 \lineskip .5em%
12731 \begin{flushright}%
12732 {\slshape\@author\par}
12733 \vskip 1em%
12734 {\@date}%
12735 \end{flushright}\par}%
12736 \vskip 1.5em}
12737 \fi
12738 \renewcommand*\l@part[2]{%
12739 \ifnum \c@tocdepth >-2\relax
12740 \addpenalty{-\@highpenalty}%
12741 \addvspace{2.25em \@plus\p@}%
12742 \begingroup
12743 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12744 \parfillskip -\@pnumwidth
12745 {\leavevmode
12746 \large \bfseries #1\hfil \hbox to\@pnumwidth{\hss #2}}\par
12747 \nobreak
12748 \global\@nobreaktrue
12749 \everypar{\global\@nobreakfalse\everypar{}}%
12750 \endgroup
12751 \fi}
12752 \renewcommand*\l@chapter[2]{%
12753 \ifnum \c@tocdepth >\m@ne
12754 \addpenalty{-\@highpenalty}%
12755 \vskip 1.0em \@plus\p@
12756 \setlength\@tempdima{1.5em}%
12757 \begingroup
12758 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12759 \parfillskip -\@pnumwidth
12760 \leavevmode \bfseries
12761 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12762 \hskip -\if@RTL\rightskip\else\leftskip\fi
12763 #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12764 \penalty\@highpenalty
12765 \endgroup
12766 \fi}

```

```

12767 \renewcommand\secshape{\if@RTL\rightskip\else\leftskip\fi--\leftmarginwidth%
12768 \if@RTL\leftskip\else\rightskip\fi=\@flushglue%
12769 \hyphenpenalty=2000}
12770 \renewcommand\left@footnoterule{%
12771 \kern-3\p@
12772 \hrule\@width.4\columnwidth
12773 \kern 2.6\p@}
12774 \renewcommand\right@footnoterule{%
12775 \hbox to \columnwidth
12776 {\beginR \vbox{%
12777 \kern-3\p@
12778 \hrule\@width.4\columnwidth
12779 \kern 2.6\p@}\hfil\endR}}
12780 \renewcommand\theequation
12781 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
12782 \renewcommand\thefigure
12783 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
12784 \renewcommand\thetable%
12785 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
12786 \renewcommand\thesection {\thechapter\@SepMark\@arabic\c@section}
12787 \renewcommand\thesubsection {\thesection\@SepMark\@arabic\c@subsection}
12788 \renewcommand\thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
12789 \renewcommand\theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
12790 \renewcommand\thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
12791 \renewenvironment{thebibliography}[1]
12792 {\chapter*{\bibname
12793 \mkboth{\bibname}{\bibname}}%
12794 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12795 \list{\@biblabel{\@arabic\c@enumiv}}%
12796 {\settowidth\labelwidth{\@biblabel{#1}}%
12797 \leftmargin\labelwidth
12798 \advance\leftmargin\labelsep
12799 \@openbib@code
12800 \usecounter{enumiv}%
12801 \let\p@enumiv\@empty
12802 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
12803 \sloppy
12804 \clubpenalty4000
12805 \@clubpenalty \clubpenalty
12806 \widowpenalty4000%
12807 \sfcode'\.=\@m}
12808 {\def\@noitemerr
12809 {\@latex@warning{Empty 'thebibliography' environment}}}%
12810 \endlist}

```

7.94 report-xetex-bidi.def

```

12811 \ProvidesFile{report-xetex-bidi.def}[2011/08/26 v0.6 bidi adaptations for standard report cla
12812 \renewenvironment{theindex}
12813 {\if@twocolumn

```



```

12814             \@restonecolfalse
12815         \else
12816             \@restonecoltrue
12817         \fi
12818         \columnseprule \z@
12819         \columnsep 35\p@
12820         \twocolumn[\@makeschapterhead{\indexname}]\%
12821         \@mkboth{\MakeUppercase\indexname}\%
12822             {\MakeUppercase\indexname}\%
12823         \thispagestyle{plain}\parindent\z@
12824         \parskip\z@ \@plus .3\p@\relax
12825         \let\item\@idxitem}
12826     {\if@restonecol\onecolumn\else\clearpage\fi}
12827 \if@titlepage
12828 \renewcommand\maketitle{\begin{titlepage}%
12829 \let\footnotesize\small
12830 \let\right@footnoterule\relax
12831 \let\left@footnoterule\relax
12832 \let\textwidth@footnoterule\relax
12833 \let \footnote \thanks
12834 \let \LTRfootnote \LTRthanks
12835 \let \RTLfootnote \RTLthanks
12836 \null\vfil
12837 \vskip 60\p@
12838 \begin{center}%
12839     {\LARGE \@title \par}%
12840     \vskip 3em%
12841     {\large
12842         \lineskip .75em%
12843         \begin{tabular}[t]{c}%
12844             \@author
12845             \end{tabular}\par}%
12846         \vskip 1.5em%
12847         {\large \@date \par}%           % Set date in \large size.
12848 \end{center}\par
12849 \@thanks
12850 \vfil\null
12851 \end{titlepage}%
12852 \setcounter{footnote}{0}%
12853 \global\let\thanks\relax
12854 \global\let\LTRthanks\relax
12855 \global\let\RTLthanks\relax
12856 \global\let\maketitle\relax
12857 \global\let\@thanks\@empty
12858 \global\let\@author\@empty
12859 \global\let\@date\@empty
12860 \global\let\@title\@empty
12861 \global\let\title\relax
12862 \global\let\author\relax
12863 \global\let\date\relax

```

```

12864 \global\let\and\relax
12865 }
12866 \else
12867 \renewcommand\maketitle{\par
12868 \begin{group}
12869 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
12870 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
12871 \long\def\@makefntext##1{\parindent 1em\noindent
12872 \hspace{1.8em}%
12873 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
12874 \if@twocolumn
12875 \ifnum \col@number=\@ne
12876 \maketitle
12877 \else
12878 \twocolumn[\maketitle]%
12879 \fi
12880 \else
12881 \newpage
12882 \global\@topnum\z@ % Prevents figures from going at top of page.
12883 \maketitle
12884 \fi
12885 \thispagestyle{plain}\@thanks
12886 \endgroup
12887 \setcounter{footnote}{0}%
12888 \global\let\thanks\relax
12889 \global\let\LTRthanks\relax
12890 \global\let\RTLthanks\relax
12891 \global\let\maketitle\relax
12892 \global\let\@maketitle\relax
12893 \global\let\@thanks\@empty
12894 \global\let\@author\@empty
12895 \global\let\@date\@empty
12896 \global\let\@title\@empty
12897 \global\let\title\relax
12898 \global\let\author\relax
12899 \global\let\date\relax
12900 \global\let\and\relax
12901 }
12902 \def\@maketitle{%
12903 \newpage
12904 \null
12905 \vskip 2em%
12906 \begin{center}%
12907 \let \footnote \thanks
12908 \let \LTRfootnote \LTRthanks
12909 \let \RTLfootnote \RTLthanks
12910 {\LARGE \@title \par}%
12911 \vskip 1.5em%
12912 {\large
12913 \lineskip .5em%

```

```

12914      \begin{tabular}[t]{c}%
12915          \@author
12916      \end{tabular}\par}%
12917      \vskip 1em%
12918      {\large \@date}%
12919  \end{center}%
12920  \par
12921  \vskip 1.5em}
12922 \fi
12923 \renewcommand*\l@part[2]{%
12924     \ifnum \c@tocdepth >-2\relax
12925         \addpenalty{-\@highpenalty}%
12926         \addvspace{2.25em \@plus\p@}%
12927         \setlength\@tempdima{3em}%
12928         \begingroup
12929             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12930             \parfillskip -\@pnumwidth
12931             {\leavevmode
12932                 \large \bfseries #1\hfil \hb@xt@\@pnumwidth{\hss #2}}\par
12933                 \nobreak
12934                 \global\@nobreaktrue
12935                 \everypar{\global\@nobreakfalse\everypar{}}%
12936             \endgroup
12937     \fi}
12938 \renewcommand*\l@chapter[2]{%
12939     \ifnum \c@tocdepth >\m@ne
12940         \addpenalty{-\@highpenalty}%
12941         \vskip 1.0em \@plus\p@
12942         \setlength\@tempdima{1.5em}%
12943         \begingroup
12944             \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
12945             \parfillskip -\@pnumwidth
12946             \leavevmode \bfseries
12947             \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
12948             \hskip -\if@RTL\rightskip\else\leftskip\fi
12949             #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
12950             \penalty\@highpenalty
12951         \endgroup
12952     \fi}
12953 \renewcommand\left@footnoterule{%
12954     \kern-3\p@
12955     \hrule\@width.4\columnwidth
12956     \kern2.6\p@}
12957 \renewcommand\right@footnoterule{%
12958     \hbox to \columnwidth
12959     {\beginR \vbox{%
12960         \kern-3\p@
12961         \hrule\@width.4\columnwidth
12962         \kern2.6\p@}\hfil\endR}}
12963 \renewcommand\theequation

```

```

12964 {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@equation}
12965 \renewcommand \thefigure
12966     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@figure}
12967 \renewcommand \thetable
12968     {\ifnum \c@chapter>\z@ \thechapter\@SepMark\fi \@arabic\c@table}
12969 \renewcommand \thechapter {\@arabic\c@chapter}
12970 \renewcommand \thesection {\thechapter\@SepMark\@arabic\c@section}
12971 \renewcommand \thesubsection {\thesection\@SepMark\@arabic\c@subsection}
12972 \renewcommand \thesubsubsection {\thesubsection \@SepMark\@arabic\c@subsubsection}
12973 \renewcommand \theparagraph {\thesubsubsection\@SepMark\@arabic\c@paragraph}
12974 \renewcommand \thesubparagraph {\theparagraph\@SepMark\@arabic\c@subparagraph}
12975 \def\@makechapterhead#1{%
12976     \vspace*{50\p@}%
12977     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi \normalfont
12978         \ifnum \c@secnumdepth >\m@ne
12979             \huge\bfseries \@chapapp\space \thechapter
12980             \par\nobreak
12981             \vskip 20\p@
12982         \fi
12983         \interlinepenalty\@M
12984         \Huge \bfseries #1\par\nobreak
12985         \vskip 40\p@
12986     }}
12987 \def\@makeschapterhead#1{%
12988     \vspace*{50\p@}%
12989     {\parindent \z@ \if@RTL\raggedleft\else\raggedright\fi
12990         \normalfont
12991         \interlinepenalty\@M
12992         \Huge \bfseries #1\par\nobreak
12993         \vskip 40\p@
12994     }}
12995 \renewenvironment{thebibliography}[1]
12996     {\chapter*{\bibname}%
12997         \@mkboth{\MakeUppercase\bibname}{\MakeUppercase\bibname}%
12998         \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
12999         \list{\@biblabel{\@arabic\c@enumiv}}%
13000             {\settowidth\labelwidth{\@biblabel{#1}}%
13001             \leftmargin\labelwidth
13002             \advance\leftmargin\labelsep
13003             \@openbib@code
13004             \usecounter{enumiv}%
13005             \let\p@enumiv\@empty
13006             \renewcommand\theenumiv{\@arabic\c@enumiv}}%
13007     \sloppy
13008     \clubpenalty4000
13009     \@clubpenalty \clubpenalty
13010     \widowpenalty4000%
13011     \sfcode'\.\@m}
13012 {\def\@noitemerr
13013     {\@latex@warning{Empty 'thebibliography' environment}}%

```

```
13014 \endlist}
```

7.95 rotating-xetex-bidi.def

```
13015 \ProvidesFile{rotating-xetex-bidi.def}[2013/05/22 v0.2 bidi adaptations for rotating package]
13016 \def\end@rotfloat{%
13017   \end{minipage}\end{lrbox}%
13018   \stepcounter{r@tfl@t}%
13019   \rot@label{RF\ther@tfl@t}%
13020   \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13021   \edef\@tempa{Adding sideways \@capytype\space on page \R@@page\space}
13022   \rot@mess@toks\expandafter{\@tempa}
13023   \wd\rot@float@box\z@
13024   \ht\rot@float@box\z@
13025   \dp\rot@float@box\z@
13026   \vboxL to \textheight{%
13027     \setkeys{Grot}{units=360}%
13028     \if@rot@twoside
13029     \else
13030       \let\R@@page\rot@LR
13031     \fi
13032     \ifthenelse{\isodd{\R@@page}}{%
13033       \if@rot@twoside
13034         \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}}%
13035       \fi
13036       \vfill
13037       @@line{%
13038         \hskip\rotFPtop
13039         \rotatebox{90}{\box\rot@float@box}%
13040         \hskip\rotFPbot
13041       }%
13042     }{%
13043       \if@rot@twoside
13044         \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}}%
13045       \fi
13046       @@line{%
13047         \hskip\rotFPbot
13048         \rotatebox{-90}{\box\rot@float@box}%
13049         \hskip\rotFPtop
13050       }%
13051       \vfill
13052     }%
13053     \rot@message{\the\rot@mess@toks}
13054   }%
13055   \end@float
13056 }
13057 \let\endsidewaysfigure\end@rotfloat
13058 \let\endsidewaysstable\end@rotfloat
13059 \def\end@rotdblfloat{%
13060   \end{minipage}\end{lrbox}%

```

```

13061 \stepcounter{r@tfl@t}%
13062 \rot@label{RF\ther@tfl@t}%
13063 \rot@pageref{RF\ther@tfl@t}{\R@@page}%
13064 \edef\@tempa{Adding sideways \@captype\space on page \R@@page\space}
13065 \rot@mess@toks\expandafter{\@tempa}
13066 \@tempdima\ht\rot@float@box
13067 \advance\@tempdima by \dp\rot@float@box
13068 \wd\rot@float@box\z@
13069 \ht\rot@float@box\z@
13070 \dp\rot@float@box\z@
13071 \vboxL to \textheight{%
13072   \setkeys{Grot}{units=360}%
13073   \if@rot@twoside
13074     \else
13075       \let\R@@page\rot@LR
13076     \fi
13077     \ifthenelse{\isodd{\R@@page}}{%
13078       \ifrot@messages
13079       \if@rot@twoside
13080 \rot@mess@toks\expandafter{\the\rot@mess@toks (right hand page)}%
13081 \fi
13082   \fi
13083   \vfill
13084   @@line{%
13085     \hskip\rotFPtop
13086     \rotatebox{90}{\box\rot@float@box}%
13087     \hskip\rotFPbot
13088   }%
13089   }{%
13090     \ifrot@messages
13091     \if@rot@twoside
13092 \rot@mess@toks\expandafter{\the\rot@mess@toks (left hand page)}%
13093 \fi
13094   \fi%
13095   @@line{%
13096     \hskip\rotFPbot
13097     \rotatebox{-90}{\box\rot@float@box}%
13098     \hskip\rotFPtop
13099   }%
13100   \vfill
13101   }%
13102   \rot@message{\the\rot@mess@toks}%
13103 }%
13104 \end@dblfloat
13105 }
13106 \def\turn#1{%
13107   \Grot@setangle{#1}%
13108   \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13109 \def\endturn{%
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 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13115 }
13116 \def\rotate#1{%
13117 \Grot@setangle{#1}%
13118 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13119 \def\endrotate{%
13120 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13121 \unskip\color@endbox
13122 \Grot@x\z@
13123 \Grot@y\z@
13124 \wd0\z@\dp0\z@\ht0\z@
13125 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13126 }
13127 \def\turnbox#1#2{%
13128 \Grot@setangle{#1}%
13129 \setbox\z@\hbox{\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi#2\ifmmode\if@RTL\endR\fi\fi}
13130 \Grot@x\z@\Grot@y\z@
13131 \wd0\z@\dp0\z@\ht0\z@
13132 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13133 }
13134 \def\sideways{%
13135 \Grot@setangle{90}%
13136 \setbox\z@\color@hbox\ifmmode\if@RTL\beginR\fi\else\if@RTL\beginR\fi\fi\ignorespaces}
13137 \def\endsideways{%
13138 \ifmmode\if@RTL\endR\fi\else\if@RTL\endR\fi\fi
13139 \unskip\color@endbox
13140 \Grot@x\z@
13141 \Grot@y\z@
13142 \ifmmode\else\if@RTL\beginL\fi\fi\Grot@box\ifmmode\else\if@RTL\endL\fi\fi
13143 }

```

7.96 scrartcl-xetex-bidi.def

```

13144 \ProvidesFile{scrartcl-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrartcl class fo
13145 \newcommand{\scr@saved@LTRfootnotetext}{}
13146 \newcommand{\scr@saved@RTLfootnotetext}{}
13147 \let\scr@saved@footnotetext\@footnotetext
13148 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13149 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13150 \renewcommand{\@footnotetext}[1]{%
13151 \scr@saved@footnotetext{#1}%
13152 \csname FN@m@prepare\endcsname
13153 }
13154 \renewcommand{\@LTRfootnotetext}[1]{%
13155 \scr@saved@LTRfootnotetext{#1}%
13156 \csname FN@m@prepare\endcsname
13157 }

```

```

13158 \renewcommand{\@RTLfootnotetext}[1]{%
13159   \scr@saved@RTLfootnotetext{#1}%
13160   \csname FN@mfb@prepare\endcsname
13161 }
13162 \renewcommand\deffootnote[4][1]{%
13163   \long\def\@makefnmark##1{%
13164     \setlength{\@tempdimc}{#3}%
13165     \def\@tempa{#1}\ifx\@tempa\@empty
13166       \setpar{\@par
13167         \@tempdima = \hsize
13168         \addtolength{\@tempdima}{-#2}%
13169         \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13170     \else
13171       \addtolength{\@tempdimc}{#2}%
13172       \addtolength{\@tempdimc}{-#1}%
13173       \setpar{\@par
13174         \@tempdima = \hsize
13175         \addtolength{\@tempdima}{-#1}%
13176         \@tempdimb = \hsize
13177         \addtolength{\@tempdimb}{-#2}%
13178         \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima
13179       }%
13180     \fi
13181     \par
13182     \parindent\@tempdimc\noindent
13183     \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13184   }%
13185   \def\@makefnmark{\hbox{\ftn@font{#4}}}%
13186 }
13187 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13188 \renewcommand*\left@footnoterule{%
13189   \normalsize\ftn@rule@test@values
13190   \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13191   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13192   {\usekomafont{footnoterule}{%
13193     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13194   \kern 2.6\p@}
13195 \renewcommand*\right@footnoterule{%
13196   \hbox to \columnwidth
13197   {\beginR \vbox{\kern -3\p@
13198     \normalsize\ftn@rule@test@values
13199     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13200     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13201     {\usekomafont{footnoterule}{%
13202       \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
13203     \kern 2.6\p@}\hfil\endR}}
13204 \renewcommand*\maketitle[1][1]{%
13205   \if@titlepage
13206     \begin{titlepage}
13207     \setcounter{page}{%

```



```

13208      #1%
13209    }%
13210    \let\footnotesize\small
13211    \let\right@footnoterule\relax
13212    \let\left@footnoterule\relax
13213    \let\textwidth@footnoterule\relax
13214    \let\footnote\thanks
13215    \let\LTRfootnote\LTRthanks
13216    \let\RTLfootnote\RTLthanks
13217    \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13218    \let\@oldmakefnmark\@makefnmark
13219    \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}%
13220    \ifx\@extratitle\@empty \else
13221      \noindent\@extratitle\next@tpage\cleardoubleemptypage
13222      \thispagestyle{empty}%
13223    \fi
13224    \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13225    \ifx\@titlehead\@empty \else
13226      \begin{minipage}[t]{\textwidth}%
13227        \@titlehead
13228      \end{minipage}\par
13229    \fi
13230    \null\vfill
13231    \begin{center}
13232      \ifx\@subject\@empty \else
13233        {\subject@font \@subject \par}%
13234        \vskip 3em
13235      \fi
13236      {\titlefont\huge \@title\par}%
13237      \vskip 1em
13238      {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13239      \vskip 2em
13240      {\Large \lineskip 0.75em
13241        \begin{tabular}[t]{c}
13242          \@author
13243        \end{tabular}\par
13244      }%
13245      \vskip 1.5em
13246      {\Large \@date \par}%
13247      \vskip \z@ \@plus3fill
13248      {\Large \@publishers \par}%
13249      \vskip 3em
13250    \end{center}\par
13251    \@thanks
13252    \vfill\null
13253    \if@twoside\next@tpage
13254      \begin{minipage}[t]{\textwidth}
13255        \@uppertitleback
13256      \end{minipage}\par
13257    \vfill

```

```

13258         \begin{minipage}[b]{\textwidth}
13259             \@lowertitleback
13260         \end{minipage}
13261     \fi
13262     \ifx\@dedication\@empty \else
13263         \next@tpage\null\vfill
13264         {\centering \Large \@dedication \par}%
13265         \vskip \z@ \@plus3fill
13266         \if@twoside \next@tpage\cleardoubleemptypage \fi
13267     \fi
13268     \end{titlepage}
13269 \else
13270     \par
13271     \@tempcnta=%
13272     #1%
13273     \relax\ifnum\@tempcnta=1\else
13274         \ClassWarning{\KOMAClassName}{%
13275             Optional argument of \string\maketitle\space ignored
13276             at\MessageBreak
13277             notitlepage-mode%
13278         }%
13279     \fi
13280     \begingroup
13281         \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13282         \let\@oldmakefnmark\@makefnmark
13283         \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}
13284         \if@twocolumn
13285             \ifnum \col@number=\@one
13286                 \@maketitle
13287             \else
13288                 \twocolumn[\@maketitle]%
13289             \fi
13290         \else
13291             \newpage
13292             \global\@topnum\z@
13293             \@maketitle
13294         \fi
13295         \thispagestyle{\titlepagestyle}\@thanks
13296     \endgroup
13297 \fi
13298 \setcounter{footnote}{0}%
13299 \let\thanks\relax
13300 \let\LTRthanks\relax
13301 \let\RTLthanks\relax
13302 \let\maketitle\relax
13303 \let\@maketitle\relax
13304 \global\let\@thanks\@empty
13305 \global\let\@author\@empty
13306 \global\let\@date\@empty
13307 \global\let\@title\@empty

```

```

13308 \global\let\@subtitle\@empty
13309 \global\let\@extratitle\@empty
13310 \global\let\@titlehead\@empty
13311 \global\let\@subject\@empty
13312 \global\let\@publishers\@empty
13313 \global\let\@uppertitleback\@empty
13314 \global\let\@lowertitleback\@empty
13315 \global\let\@dedication\@empty
13316 \global\let\author\relax
13317 \global\let\title\relax
13318 \global\let\extratitle\relax
13319 \global\let\titlehead\relax
13320 \global\let\subject\relax
13321 \global\let\publishers\relax
13322 \global\let\uppertitleback\relax
13323 \global\let\lowertitleback\relax
13324 \global\let\dedication\relax
13325 \global\let\date\relax
13326 \global\let\and\relax
13327 }%
13328 \renewcommand*{\@maketitle}{%
13329 \clearpage
13330 \let\footnote\thanks
13331 \let\LTRfootnote\LTRthanks
13332 \let\RTLfootnote\RTLthanks
13333 \ifx\@extratitle\@empty \else
13334 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
13335 \fi
13336 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
13337 \ifx\@titlehead\@empty \else
13338 \begin{minipage}[t]{\textwidth}
13339 \@titlehead
13340 \end{minipage}\par
13341 \fi
13342 \null
13343 \vskip 2em%
13344 \begin{center}%
13345 \ifx\@subject\@empty \else
13346 {\subject@font \@subject \par}
13347 \vskip 1.5em
13348 \fi
13349 {\titlefont\huge \@title \par}%
13350 \vskip .5em
13351 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13352 \vskip 1em
13353 {\Large
13354 \lineskip .5em%
13355 \begin{tabular}[t]{c}
13356 \author
13357 \end{tabular}\par

```

```

13358 }%
13359 \vskip 1em%
13360 {\Large \@date \par}%
13361 \vskip \z@ \@plus 1em
13362 {\Large \@publishers \par}
13363 \ifx\@dedication\@empty \else
13364 \vskip 2em
13365 {\Large \@dedication \par}
13366 \fi
13367 \end{center}%
13368 \par
13369 \vskip 2em
13370 }%
13371 \renewcommand*\l@part[2]{%
13372 \ifnum \c@tocdepth >\m@ne\relax
13373 \addpenalty{\@secpenalty}%
13374 \addvspace{2.25em \@plus\p@}%
13375 \setlength{\@tempdima}{2em}%
13376 \if@tocleft
13377 \ifx\toc@l@number\@empty\else
13378 \setlength{\@tempdima}{0\toc@l@number}%
13379 \fi
13380 \fi
13381 \begingroup
13382 \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13383 \parfillskip -\@pnumwidth
13384 \leavevmode
13385 \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13386 \hskip -\if@RTL\rightskip\else\leftskip\fi
13387 {\usekomafont{partentry}{#1\nobreak
13388 \usekomafont{partentrypagenumber}{\hfil\nobreak
13389 \hb@xt@\@pnumwidth{\hss#2}}}\par
13390 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13391 \endgroup
13392 \penalty20010
13393 \else
13394 \if@compatibility
13395 \global\@nobreaktrue
13396 \everypar{\global\@nobreakfalse\everypar{}}%
13397 \else
13398 \penalty\@highpenalty
13399 \fi
13400 \endgroup
13401 \fi
13402 \fi
13403 }
13404 \renewcommand*\l@section[2]{%
13405 \ifnum \c@tocdepth >\z@
13406 \ifnum \lastpenalty<20009
13407 \addpenalty{\@secpenalty}%

```

```

13408 \fi
13409 \addvspace{1.0em \@plus\p@}%
13410 \setlength\@tempdima{1.5em}%
13411 \if@tocleft
13412 \ifx\toc@l@number\@empty\else
13413 \setlength\@tempdima{0\toc@l@number}%
13414 \fi
13415 \fi
13416 \begingroup
13417 \raggedsectionentry
13418 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13419 \parfillskip -\@pnumwidth
13420 \interlinepenalty\@M
13421 \leavevmode
13422 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
13423 {\usekomafont{sectionentry}{#1\nobreak
13424 \usekomafont{sectionentrypagenumber}{%
13425 \hfill\nobreak
13426 \hb@xt@\@pnumwidth{\hss#2}}}\par
13427 \endgroup
13428 \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13429 \penalty20008
13430 \fi
13431 \fi
13432 }
13433 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
13434 \def\raggedpart{\if@RTL\raggedleft\else\raggedright\fi}
13435 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
13436 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
13437 \renewcommand*{\thesubsubsection}{%
13438 \thesubsection\@SepMark\@arabic\c@subsubsection
13439 }
13440 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
13441 \renewcommand*{\thesubparagraph}{%
13442 \theparagraph\@SepMark\@arabic\c@subparagraph
13443 }
13444 \renewenvironment{thebibliography}[1]{%
13445 \if@bib@break@
13446 \bib@beginhook
13447 \else
13448 \bib@heading
13449 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
13450 \noindent\bibpreamble\par\nobreak
13451 \fi\fi
13452 \bib@beginhook
13453 \bib@before@hook
13454 \fi
13455 \renewcommand{\BreakBibliography}[1]{%
13456 \@bib@break
13457 \end{thebibliography}%

```

```

13458 \begingroup ##1\endgroup
13459 \begin{thebibliography}{#1}
13460 }%
13461 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13462 \list{%
13463   \@biblabel{\@arabic\c@enumiv}%
13464 }{%
13465   \settowidth\labelwidth{\@biblabel{#1}}%
13466   \leftmargin\labelwidth
13467   \advance\leftmargin\labelsep
13468   \@openbib@code
13469   \if@bib@break@
13470     \edef\@tempa{%
13471       \noexpand\usecounter{enumiv}%
13472       \noexpand\setcounter{enumiv}{\the\c@enumiv}%
13473     }\@tempa
13474     \no@bib@break
13475   \else
13476     \usecounter{enumiv}%
13477   \fi
13478   \let\p@enumiv\@empty
13479   \renewcommand*\theenumiv{\@arabic\c@enumiv}%
13480 }%
13481 \sloppy\clubpenalty4000 \widowpenalty4000
13482 \sfcode'\.=\@m
13483 }{%
13484   \if@bib@break@
13485     \def\@noitemerr{%
13486       \@latex@warning{%
13487         \string\BreakBibliography\space at begin of 'thebibliography'
13488         environment\MessageBreak
13489         or following \string\BreakBibliography}%
13490     }%
13491   \else
13492     \def\@noitemerr{%
13493       \@latex@warning{%
13494         Empty 'thebibliography' environment or
13495         \string\BreakBibliography\MessageBreak
13496         before end of 'thebibliography' environment}%
13497     }%
13498   \fi
13499 \endlist
13500 \if@bib@break@
13501 \else
13502   \bib@after@hook
13503   \let\bib@before@hook\@empty
13504   \let\bib@after@hook\@empty
13505 \fi
13506 \bib@endhook
13507 }

```

```

13508 \renewcommand*\left@footnoterule{%
13509   \kern-3\p@
13510   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13511   \hrule\@width.4\columnwidth
13512   \kern 2.6\p@}
13513 \renewcommand*\right@footnoterule{%
13514   \hbox to \columnwidth
13515   {\beginR \vbox{%
13516     \kern-3\p@
13517     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13518     \hrule\@width.4\columnwidth
13519     \kern 2.6\p@}\hfil\endR}}
13520 \renewcommand*\raggeddictum{\if@RTL\raggedright\else\raggedleft\fi}
13521 \renewcommand*\raggeddictumtext{\if@RTL\raggedleft\else\raggedright\fi}
13522 \renewcommand*\raggeddictumauthor{\if@RTL\raggedright\else\raggedleft\fi}
13523 \renewcommand\marginline[1]{%
13524   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
13525 }
13526 \renewcommand{\@makecaption}[3]{%
13527   \cap@margin
13528   \ifonelinecaptions
13529     \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
13530     \let\scr@tmp@footnotetext=\@footnotetext
13531     \let\@footnotetext=\@gobble
13532     \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
13533     \let\@LTRfootnotetext=\@gobble
13534     \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
13535     \let\@RTLfootnotetext=\@gobble
13536     \sbox\@tempboxa{%
13537       {\capfont{\strut\ignorespaces
13538         #1{\caplabelfont{#2\captionformat}}}%
13539         #3\unskip\strut}}%
13540     }%
13541     \let\@footnotetext=\scr@tmp@footnotetext
13542     \let\scr@tmp@footnotetext=\undefined
13543     \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
13544     \let\scr@tmp@LTRfootnotetext=\undefined
13545     \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
13546     \let\scr@tmp@RTLfootnotetext=\undefined
13547     \setcounter{footnote}{\@tempcntb}%
13548     \setcounter{mpfootnote}{\@tempcnta}%
13549   \else
13550     \sbox\@tempboxa{\hspace*{2\cap@width}}%
13551   \fi
13552   \begingroup%
13553     \setlength{\@tempdima}{\cap@width}%
13554     \ifdim \wd\@tempboxa >\@tempdima
13555       \hb@xt@\hsize{%
13556         \setbox\@tempboxa\vbox{\hsize=\cap@width
13557           \ifdofullc@p

```

```

13558         {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
13559             #1{\caplabelfont{#2\captionformat}}}}}%
13560             {\#3\unskip\strut\par}}}%
13561     \else%
13562         \ifdim\cap@indent<\z@
13563             {\capfont{\strut\ignorespaces
13564                 #1{\caplabelfont{#2\captionformat\par}}}%
13565                 \noindent\hspace*{-\cap@indent}\#3\unskip\strut\par}}%
13566         \else%
13567             \if@capbreak
13568                 {\capfont{\strut\ignorespaces
13569                     #1{\caplabelfont{#2\captionformat\par}}}%
13570                     \noindent\@hangfrom{\hspace*{\cap@indent}}{\#3\par}}}%
13571             \else
13572                 {\capfont{\@hangfrom{\scr@smashdp{\strut\hspace*{\cap@indent}}%
13573                     {\hspace*{-\cap@indent}\scr@smashdp{\ignorespaces#1%
13574                         {\caplabelfont{#2\captionformat}}}}{\#3\unskip\strut\par}}}%
13575                 \fi
13576             \fi
13577         \fi
13578     }%
13579     \setlength{\@tempdima}{\ht\@tempboxa}%
13580     \addtolength{\@tempdima}{\dp\@tempboxa}%
13581     \addtolength{\@tempdima}{-\ht\strutbox}%
13582     \ht\@tempboxa\ht\strutbox
13583     \dp\@tempboxa\@tempdima
13584     \strut\cap@left
13585     \box\@tempboxa
13586     \cap@right\strut
13587 }%
13588 \else
13589     \global \@minipagefalse
13590     \sbox\@tempboxa{%
13591         {\capfont{\scr@smashdp{\strut\ignorespaces
13592             #1{\caplabelfont{#2\captionformat}}}}}%
13593             {\#3}}%
13594     }%
13595     {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\@cap@right}}}%
13596 \fi
13597 \endgroup
13598 }
13599 \renewcommand{\@makecaption}[2]{%
13600     \if@captionabove
13601         \vskip\belowcaptionskip
13602     \else
13603         \vskip\abovecaptionskip
13604     \fi
13605     \@makecaption\@firstofone{#1}{#2}%
13606     \if@captionabove
13607         \vskip\abovecaptionskip

```



```

13608 \else
13609 \vskip\belowcaptionskip
13610 \fi
13611 }

```

7.97 scrbook-xetex-bidi.def

```

13612 \ProvidesFile{scrbook-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrbook class for
13613 \newcommand{\scr@saved@LTRfootnotetext}{}
13614 \newcommand{\scr@saved@RTLfootnotetext}{}
13615 \let\scr@saved@footnotetext\@footnotetext
13616 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
13617 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
13618 \renewcommand{\@footnotetext}[1]{%
13619 \scr@saved@footnotetext{#1}%
13620 \csname FN@mfb@prepare\endcsname
13621 }
13622 \renewcommand{\@LTRfootnotetext}[1]{%
13623 \scr@saved@LTRfootnotetext{#1}%
13624 \csname FN@mfb@prepare\endcsname
13625 }
13626 \renewcommand{\@RTLfootnotetext}[1]{%
13627 \scr@saved@RTLfootnotetext{#1}%
13628 \csname FN@mfb@prepare\endcsname
13629 }
13630 \renewcommand\deffootnote[4][]{%
13631 \long\def\@makefnmark##1{%
13632 \setlength{\@tempdimc}{#3}%
13633 \def\@tempa{#1}\ifx\@tempa\@empty
13634 \setpar{\@par
13635 \@tempdima = \hsize
13636 \addtolength{\@tempdima}{-#2}%
13637 \if@RTL\parshape \@ne 0pt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
13638 \else
13639 \addtolength{\@tempdimc}{#2}%
13640 \addtolength{\@tempdimc}{-#1}%
13641 \setpar{\@par
13642 \@tempdima = \hsize
13643 \addtolength{\@tempdima}{-#1}%
13644 \@tempdimb = \hsize
13645 \addtolength{\@tempdimb}{-#2}%
13646 \if@RTL\parshape \tw@ 0pt \@tempdima 0pt \@tempdimb\else\parshape \tw@ #1 \@tempdima
13647 }%
13648 \fi
13649 \par
13650 \parindent\@tempdimc\noindent
13651 \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
13652 }%
13653 \def\@makefnmark{\hbox{\ftn@font{#4}}}%
13654 }

```

```

13655 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
13656 \renewcommand*\left@footnoterule{%
13657   \normalsize\ftn@rule@test@values
13658   \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13659   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13660   {\usekomafont{footnoterule}{%
13661     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
13662   \kern 2.6\p@}
13663 \renewcommand*\right@footnoterule{%
13664   \hbox to \columnwidth
13665   {\beginR \vbox{\kern -3\p@
13666     \normalsize\ftn@rule@test@values
13667     \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
13668     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
13669     {\usekomafont{footnoterule}{%
13670       \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
13671     \kern 2.6\p@}\hfil\endR}}
13672 \renewcommand*\maketitle[1][1]{%
13673   \if@titlepage
13674     \begin{titlepage}
13675       \setcounter{page}{%
13676         #1%
13677       }%
13678       \let\footnotesize\small
13679       \let\right@footnoterule\relax
13680       \let\left@footnoterule\relax
13681       \let\textwidth\footnoterule\relax
13682       \let\footnote\thanks
13683       \let\LTRfootnote\LTRthanks
13684       \let\RTLfootnote\RTLthanks
13685       \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13686       \let\@oldmakefnmark\@makefnmark
13687       \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
13688       \ifx\@extratitle\@empty \else
13689         \noindent\@extratitle\next@tpage\cleardoubleemptypage
13690         \thispagestyle{empty}%
13691       \fi
13692       \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@update relative
13693       \ifx\@titlehead\@empty \else
13694         \begin{minipage}[t]{\textwidth}%
13695           \@titlehead
13696         \end{minipage}\par
13697       \fi
13698       \null\vfill
13699       \begin{center}
13700         \ifx\@subject\@empty \else
13701           {\subject@font \@subject \par}%
13702           \vskip 3em
13703         \fi
13704         {\titlefont\huge \@title\par}%

```

```

13705      \vskip 1em
13706      {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13707      \vskip 2em
13708      {\Large \lineskip 0.75em
13709      \begin{tabular}[t]{c}
13710      \@author
13711      \end{tabular}\par
13712      }%
13713      \vskip 1.5em
13714      {\Large \@date \par}%
13715      \vskip \z@ \@plus3fill
13716      {\Large \@publishers \par}%
13717      \vskip 3em
13718      \end{center}\par
13719      \@thanks
13720      \vfill\null
13721      \if@twoside\next@tpage
13722      \begin{minipage}[t]{\textwidth}
13723      \@uppertitleback
13724      \end{minipage}\par
13725      \vfill
13726      \begin{minipage}[b]{\textwidth}
13727      \@lowertitleback
13728      \end{minipage}
13729      \fi
13730      \ifx\@dedication\@empty \else
13731      \next@tpage\null\vfill
13732      {\centering \Large \@dedication \par}%
13733      \vskip \z@ \@plus3fill
13734      \if@twoside \next@tpage\cleardoubleemptypage \fi
13735      \fi
13736      \end{titlepage}
13737      \else
13738      \par
13739      \@tempcnta=%
13740      #1%
13741      \relax\ifnum\@tempcnta=1\else
13742      \ClassWarning{KOMAClassName}{%
13743      Optional argument of \string\maketitle\space ignored
13744      at\MessageBreak
13745      notitlepage-mode%
13746      }%
13747      \fi
13748      \begingroup
13749      \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
13750      \let\@oldmakefnmark\@makefnmark
13751      \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}
13752      \if@twocolumn
13753      \ifnum \col@number=\@ne
13754      \@maketitle

```

```

13755         \else
13756             \twocolumn[\@maketitle]%
13757         \fi
13758     \else
13759         \newpage
13760         \global\@topnum\z@
13761         \@maketitle
13762     \fi
13763     \thispagestyle{\titlepagestyle}\@thanks
13764 \endgroup
13765 \fi
13766 \setcounter{footnote}{0}%
13767 \let\thanks\relax
13768 \let\LTRthanks\relax
13769 \let\RTLthanks\relax
13770 \let\maketitle\relax
13771 \let\@maketitle\relax
13772 \global\let\@thanks\@empty
13773 \global\let\@author\@empty
13774 \global\let\@date\@empty
13775 \global\let\@title\@empty
13776 \global\let\@subtitle\@empty
13777 \global\let\@extratitle\@empty
13778 \global\let\@titlehead\@empty
13779 \global\let\@subject\@empty
13780 \global\let\@publishers\@empty
13781 \global\let\@uppertitleback\@empty
13782 \global\let\@lowertitleback\@empty
13783 \global\let\@dedication\@empty
13784 \global\let\author\relax
13785 \global\let\title\relax
13786 \global\let\extratitle\relax
13787 \global\let\titlehead\relax
13788 \global\let\subject\relax
13789 \global\let\publishers\relax
13790 \global\let\uppertitleback\relax
13791 \global\let\lowertitleback\relax
13792 \global\let\dedication\relax
13793 \global\let\date\relax
13794 \global\let\and\relax
13795 }%
13796 \renewcommand*{\@maketitle}{%
13797     \clearpage
13798     \let\footnote\thanks
13799     \let\LTRfootnote\LTRthanks
13800     \let\RTLfootnote\RTLthanks
13801     \ifx\@extratitle\@empty \else
13802         \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
13803     \fi
13804     \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative

```

```

13805 \ifx\@titlehead\@empty \else
13806   \begin{minipage}[t]{\textwidth}
13807     \@titlehead
13808   \end{minipage}\par
13809 \fi
13810 \null
13811 \vskip 2em%
13812 \begin{center}%
13813   \ifx\@subject\@empty \else
13814     {\subject@font \@subject \par}
13815     \vskip 1.5em
13816   \fi
13817   {\titlefont\huge \@title \par}%
13818   \vskip .5em
13819   {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
13820   \vskip 1em
13821   {\Large
13822     \lineskip .5em%
13823     \begin{tabular}[t]{c}
13824       \@author
13825     \end{tabular}\par
13826   }%
13827   \vskip 1em%
13828   {\Large \@date \par}%
13829   \vskip \z@ \@plus 1em
13830   {\Large \@publishers \par}
13831   \ifx\@dedication\@empty \else
13832     \vskip 2em
13833     {\Large \@dedication \par}
13834   \fi
13835 \end{center}%
13836 \par
13837 \vskip 2em
13838 }%
13839 \renewcommand*\l@part[2]{%
13840   \ifnum \c@tocdepth >-2\relax
13841     \addpenalty{-\@highpenalty}%
13842     \addvspace{2.25em \@plus\p@}%
13843     \setlength{\@tempdima}{2em}%
13844     \if@tocleft
13845       \ifx\toc@l@number\@empty\else
13846         \setlength{\@tempdima}{0\toc@l@number}%
13847       \fi
13848     \fi
13849     \begin{group}
13850       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13851       \parfillskip -\@pnumwidth
13852       \leavevmode
13853       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13854       \hskip -\if@RTL\rightskip\else\leftskip\fi

```

```

13855     {\usekomafont{partentry}{#1\nobreak
13856       \usekomafont{partentrypagenumber}{\hfil\nobreak
13857         \hb@xt@{\@pnumwidth{\hss#2}}}\par
13858       \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13859       \endgroup
13860       \penalty20010
13861     \else
13862       \penalty\@highpenalty
13863     \endgroup
13864   \fi
13865 \fi
13866 }\renewcommand*\l@part[2]{%
13867   \ifnum \c@tocdepth >-2\relax
13868     \addpenalty{-\@highpenalty}%
13869     \addvspace{2.25em \@plus\p@}%
13870     \setlength{\@tempdima}{2em}%
13871     \if@tocleft
13872       \ifx\toc@l@number\@empty\else
13873         \setlength{\@tempdima}{0\toc@l@number}%
13874       \fi
13875     \fi
13876     \begingroup
13877       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13878       \parfillskip -\@pnumwidth
13879       \leavevmode
13880       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
13881       \hskip -\if@RTL\rightskip\else\leftskip\fi
13882       {\usekomafont{partentry}{#1\nobreak
13883         \usekomafont{partentrypagenumber}{\hfil\nobreak
13884           \hb@xt@{\@pnumwidth{\hss#2}}}\par
13885         \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
13886         \endgroup
13887         \penalty20010
13888       \else
13889         \penalty\@highpenalty
13890       \endgroup
13891     \fi
13892   \fi
13893 }
13894 \renewcommand*\l@chapter[2]{%
13895   \ifnum \c@tocdepth >\m@ne
13896     \ifnum \lastpenalty<20010
13897       \addpenalty{-\@highpenalty}%
13898     \fi
13899     \vskip 1.0em \@plus\p@
13900     \setlength{\@tempdima}{1.5em}%
13901     \if@tocleft
13902       \ifx\toc@l@number\@empty\else
13903         \setlength{\@tempdima}{0\toc@l@number}%
13904       \fi

```

```

13905 \fi
13906 \begingroup
13907 \raggedchapterentry
13908 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
13909 \parfillskip -\@pnumwidth
13910 \interlinepenalty\@M
13911 \leavevmode
13912 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
13913 {\usekomafont{chapterentry}{#1\nobreak
13914 \usekomafont{chapterentrypagenumber}{%
13915 \hfill\nobreak
13916 \hb@xt@\@pnumwidth{\hss#2}}}\par
13917 \ifnum \scr@compatibility>\@nameuse{scr@v2.96}\relax
13918 \endgroup
13919 \penalty20009
13920 \else
13921 \penalty\@highpenalty
13922 \endgroup
13923 \fi
13924 \fi
13925 }
13926 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
13927 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
13928 \renewcommand*\thesection{%
13929 \ifnum \scr@compatibility>\@nameuse{scr@v2.97d}\relax
13930 \if@mainmatter\thechapter\@SepMark\fi
13931 \else
13932 \thechapter\@SepMark%
13933 \fi
13934 \@arabic\c@section
13935 }
13936 \renewcommand*{\thesubsection}{\thesection\@SepMark\@arabic\c@subsection}
13937 \renewcommand*{\thesubsubsection}{%
13938 \thesubsection\@SepMark\@arabic\c@subsubsection
13939 }
13940 \renewcommand*{\theparagraph}{\thesubsubsection\@SepMark\@arabic\c@paragraph}
13941 \renewcommand*{\thesubparagraph}{%
13942 \theparagraph\@SepMark\@arabic\c@subparagraph
13943 }
13944 \renewcommand*\thefigure{%
13945 \ifnum \scr@compatibility>\@nameuse{scr@v2.97d}\relax
13946 \if@mainmatter\thechapter\@SepMark\fi
13947 \else
13948 \thechapter\@SepMark%
13949 \fi
13950 \@arabic\c@figure
13951 }
13952 \renewcommand*\thetable{%
13953 \ifnum \scr@compatibility>\@nameuse{scr@v2.97d}\relax
13954 \if@mainmatter\thechapter\@SepMark\fi

```

```

13955 \else
13956 \thechapter\@SepMark%
13957 \fi
13958 \@arabic\c@table
13959 }
13960 \renewcommand*\theequation{%
13961 \ifnum \scr@compatibility>\@nameuse{scr@v@2.97d}\relax
13962 \if@mainmatter\thechapter\@SepMark\fi
13963 \else
13964 \thechapter\@SepMark%
13965 \fi
13966 \@arabic\c@equation
13967 }
13968 \renewenvironment{thebibliography}[1]{%
13969 \if@bib@break@
13970 \bib@beginhook
13971 \else
13972 \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
13973 \setchapterpreamble{\bibpreamble}%
13974 \fi\fi
13975 \bib@heading
13976 \bib@beginhook
13977 \bib@before@hook
13978 \fi
13979 \renewcommand{\BreakBibliography}[1]{%
13980 \@bib@break
13981 \end{thebibliography}%
13982 \begingroup ##1\endgroup
13983 \begin{thebibliography}{#1}
13984 }%
13985 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
13986 \list{%
13987 \@biblabel{\@arabic\c@enumiv}%
13988 }{%
13989 \settowidth\labelwidth{\@biblabel{#1}}%
13990 \leftmargin\labelwidth
13991 \advance\leftmargin\labelsep
13992 \@openbib@code
13993 \if@bib@break@
13994 \edef\@tempa{%
13995 \noexpand\usecounter{enumiv}%
13996 \noexpand\setcounter{enumiv}{\the\c@enumiv}%
13997 }\@tempa
13998 \no@bib@break
13999 \else
14000 \usecounter{enumiv}%
14001 \fi
14002 \let\p@enumiv\@empty
14003 \renewcommand*\theenumiv{\@arabic\c@enumiv}%
14004 }%

```



```

14005 \sloppy\clubpenalty4000 \widowpenalty4000
14006 \sfcode'\.=\@m
14007 }{%
14008 \if@bib@break@
14009 \def\@noitemerr{%
14010 \latex@warning{%
14011 \string\BreakBibliography\space at begin of 'thebibliography'
14012 environment\MessageBreak
14013 or following \string\BreakBibliography}%
14014 }%
14015 \else
14016 \def\@noitemerr{%
14017 \latex@warning{%
14018 Empty 'thebibliography' environment or
14019 \string\BreakBibliography\MessageBreak
14020 before end of 'thebibliography' environment}%
14021 }%
14022 \fi
14023 \endlist
14024 \if@bib@break@
14025 \else
14026 \bib@after@hook
14027 \let\bib@before@hook\@empty
14028 \let\bib@after@hook\@empty
14029 \fi
14030 \bib@endhook
14031 }
14032 \renewcommand*\left@footnoterule{%
14033 \kern-3\p@
14034 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14035 \hrule\@width.4\columnwidth
14036 \kern 2.6\p@}
14037 \renewcommand*\right@footnoterule{%
14038 \hbox to \columnwidth
14039 {\beginR \vbox{%
14040 \kern-3\p@
14041 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14042 \hrule\@width.4\columnwidth
14043 \kern 2.6\p@}\hfil\endR}}
14044 \renewcommand*\raggeddictum{\if@RTL\raggedright\else\raggedleft\fi}
14045 \renewcommand*\raggeddictumtext{\if@RTL\raggedleft\else\raggedright\fi}
14046 \renewcommand*\raggeddictumauthor{\if@RTL\raggedright\else\raggedleft\fi}
14047 \renewcommand\marginline[1]{%
14048 \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
14049 }
14050 \renewcommand{\@makecaption}[3]{%
14051 \cap@margin
14052 \ifonlinecaptions
14053 \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14054 \let\scr@tmp@footnotetext=\@footnotetext

```

```

14055 \let\@footnotetext=\@gobble
14056 \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
14057 \let\@LTRfootnotetext=\@gobble
14058 \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14059 \let\@RTLfootnotetext=\@gobble
14060 \sbox\@tempboxa{%
14061   {\capfont{\strut\ignorespaces
14062     #1{{\caplabelfont{#2\captionformat}}}%
14063     #3\unskip\strut}}}%
14064 }%
14065 \let\@footnotetext=\scr@tmp@footnotetext
14066 \let\scr@tmp@footnotetext=\undefined
14067 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14068 \let\scr@tmp@LTRfootnotetext=\undefined
14069 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14070 \let\scr@tmp@RTLfootnotetext=\undefined
14071 \setcounter{footnote}{\@tempcntb}%
14072 \setcounter{mpfootnote}{\@tempcnta}%
14073 \else
14074   \sbox\@tempboxa{\hspace*{2\cap@width}}%
14075 \fi
14076 \begingroup%
14077   \setlength{\@tempdima}{\cap@width}%
14078   \ifdim \wd\@tempboxa >\@tempdima
14079     \hb@xt@\hsize{%
14080       \setbox\@tempboxa\vbox{\hsize=\cap@width
14081         \ifdofullc@p
14082           {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
14083             #1{{\caplabelfont{#2\captionformat}}}}}%
14084             {\#3\unskip\strut\par}}}%
14085         \else%
14086           \ifdim\cap@indent<\z@
14087             {\capfont{\strut\ignorespaces
14088               #1{{\caplabelfont{#2\captionformat\par}}}%
14089               \noindent\hspace*{-\cap@indent}\#3\unskip\strut\par}}}%
14090           \else%
14091             \if@capbreak
14092               {\capfont{\strut\ignorespaces
14093                 #1{{\caplabelfont{#2\captionformat\par}}}%
14094                 \noindent\@hangfrom{\hspace*\cap@indent}{\#3\par}}}%
14095             \else
14096               {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*\cap@indent}}%
14097                 {\hspace{-\cap@indent}\scr@smashdp{\ignorespaces#1%
14098                   {\caplabelfont{#2\captionformat}}}\#3\unskip\strut\par}}}%
14099             \fi
14100           \fi
14101         \fi
14102     }%
14103   \setlength{\@tempdima}{\ht\@tempboxa}%
14104   \addtolength{\@tempdima}{\dp\@tempboxa}%

```

```

14105      \addtolength{\@tempdima}{-\ht\strutbox}%
14106      \ht\@tempboxa\ht\strutbox
14107      \dp\@tempboxa\@tempdima
14108      \strut\cap@left
14109      \box\@tempboxa
14110      \cap@right\strut
14111    }%
14112  \else
14113    \global \@minipagefalse
14114    \sbox\@tempboxa{%
14115      {\capfont{\scr@smashdp{\strut\ignorespaces
14116        #1{\caplabelfont{#2\captionformat}}}}}%
14117      #3}}%
14118    }%
14119    {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\cap@right}}
14120  \fi
14121 \endgroup
14122 }
14123 \renewcommand{\@makecaption}[2]{%
14124   \if@captionabove
14125     \vskip\belowcaptionskip
14126   \else
14127     \vskip\abovecaptionskip
14128   \fi
14129   \@makecaption\@firstofone{#1}{#2}%
14130   \if@captionabove
14131     \vskip\abovecaptionskip
14132   \else
14133     \vskip\belowcaptionskip
14134   \fi
14135 }

```

7.98 scrlettr-xetex-bidi.def

```

14136 \ProvidesFile{scrlettr-xetex-bidi.def}[2011/09/24 v0.2 bidi adaptations for scrlettr class for xetex]
14137 \renewcommand\deffootnote[4][]{%
14138   \long\def\@makefntext##1{%
14139     \edef\@tempa{#1}\ifx\@tempa\@empty
14140       \@setpar{\@@par
14141         \@tempdima = \hsize
14142         \addtolength{\@tempdima}{-#2}
14143         \if@RTL\parshape \@ne 0pt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14144     \else
14145       \@setpar{\@@par
14146         \@tempdima = \hsize
14147         \addtolength{\@tempdima}{-#1}
14148         \@tempdimb = \hsize
14149         \addtolength{\@tempdimb}{-#2}
14150         \if@RTL\parshape \tw@ 0pt \@tempdima 0pt \@tempdimb\else\parshape \tw@ #1 \@tempdima
14151         \fi

```

```

14152 \par
14153 \parindent #3\noindent
14154 \hbox to \z@{\hss\@makefnmark}##1}
14155 \def\@makefnmark{\hbox{#4}}
14156 }
14157 \deffootnote[1em]{1.5em}{1em}
14158 {\textsuperscript{\thefootnotemark}}
14159 \def\left@footnoterule{\kern-1\p@
14160 \hrule width 0.4\columnwidth
14161 \kern .6\p@}
14162 \def\right@footnoterule{%
14163 \hbox to \columnwidth
14164 {\beginR \vbox{\kern -3\p@
14165 \kern-1\p@
14166 \hrule width 0.4\columnwidth
14167 \kern .6\p@}\hfil\endR}}
14168 \def\@datefield{\@reffalse
14169 \ifx\varyourref\@empty \else \@reftrue \fi
14170 \ifx\varyourmail\@empty \else \@reftrue \fi
14171 \ifx\varmyref\@empty \else \@reftrue \fi
14172 \ifx\varcustomer\@empty \else \@reftrue \fi
14173 \ifx\varinvoice\@empty \else \@reftrue \fi
14174 \ifx\varrefitemi\@empty \else \@reftrue \fi
14175 \ifx\varrefitemii\@empty \else \@reftrue \fi
14176 \ifx\varrefitemiii\@empty \else \@reftrue \fi
14177 \vskip -\parskip
14178 \vskip \refvskip
14179 \if@ref
14180 \ifx\varyourref\@empty \else
14181 \settowidth{\sc@temp}{\varyourref}
14182 \setbox0\hbox{\scriptsize \sf \yourrefname}
14183 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14184 \parbox[t]{\sc@@temp}{\noindent \box0\par \varyourref}\hfill
14185 \fi
14186 \ifx\varyourmail\@empty \else
14187 \settowidth{\sc@temp}{\varyourmail}
14188 \setbox0\hbox{\scriptsize \sf \yourmailname}
14189 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14190 \parbox[t]{\sc@@temp}{\noindent \box0\par \varyourmail}\hfill
14191 \fi
14192 \ifx\varmyref\@empty \else
14193 \settowidth{\sc@temp}{\varmyref}
14194 \setbox0\hbox{\scriptsize \sf \myrefname}
14195 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi
14196 \parbox[t]{\sc@@temp}{\noindent \box0\par \varmyref}\hfill
14197 \fi
14198 \ifx\varcustomer\@empty \else
14199 \settowidth{\sc@temp}{\varcustomer}
14200 \setbox0\hbox{\scriptsize \sf \customername}
14201 \ifdim \sc@temp > \wd0 \sc@@temp\sc@temp \else \sc@@temp\wd0 \fi

```

```

14202 \parbox[t]{\sc@temp}{\noindent \box0\par \varcustomer}\hfill
14203 \fi
14204 \ifx\varinvoice\@empty \else
14205 \settowidth{\sc@temp}{\varinvoice}
14206 \setbox0\hbox{\scriptsize \sf \invoice name}
14207 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14208 \parbox[t]{\sc@temp}{\noindent \box0\par \varinvoice}\hfill
14209 \fi
14210 \ifx\varrefitemi\@empty \else
14211 \settowidth{\sc@temp}{\varrefitemi}
14212 \setbox0\hbox{\scriptsize \sf \varrefitem namei}
14213 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14214 \parbox[t]{\sc@temp}{\noindent \box0\par \varrefitemi}\hfill
14215 \fi
14216 \ifx\varrefitemii\@empty \else
14217 \settowidth{\sc@temp}{\varrefitemii}
14218 \setbox0\hbox{\scriptsize \sf \varrefitem nameii}
14219 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14220 \parbox[t]{\sc@temp}{\noindent \box0\par \varrefitemii}\hfill
14221 \fi
14222 \ifx\varrefitemiii\@empty \else
14223 \settowidth{\sc@temp}{\varrefitemiii}
14224 \setbox0\hbox{\scriptsize \sf \varrefitem nameiii}
14225 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14226 \parbox[t]{\sc@temp}{\noindent \box0\par \varrefitemiii}\hfill
14227 \fi
14228 \ifx\@date\@empty \else
14229 \settowidth{\sc@temp}{\@date}
14230 \setbox0\hbox{\scriptsize \sf \date name}
14231 \ifdim \sc@temp > \wd0 \sc@temp\sc@temp \else \sc@temp\wd0 \fi
14232 \parbox[t]{\sc@temp}{\noindent \box0\par \@date}
14233 \fi
14234 \par
14235 \vspace{2.5\baselineskip}
14236 \else
14237 {\ifx\@date\@empty \else \if@RTL\raggedright\else\raggedleft\fi\fromplace\ \@date\par \fi}
14238 \vspace{1.5\baselineskip}
14239 \fi}
14240 \long\def\closing#1{\par\nobreak\vspace{0.5\baselineskip}
14241 \stopbreaks \noindent \sc@temp\textwidth \advance\sc@temp by
14242 -\sigindent \hspace{\sigindent}}%
14243 \parbox{\sc@temp}{\if@RTL\raggedleft\else\raggedright\fi\ignorespaces #1\mbox{}}\[\presig@sh
14244 \fromsig\strut}\par
14245 \vspace{1.5\baselineskip}}

```

7.99 scrreprt-xetex-bidi.def

```

14246 \ProvidesFile{scrreprt-xetex-bidi.def}[2012/01/01 v0.6 bidi adaptations for scrreprt class fo
14247 \newcommand{\scr@savedLTRfootnotetext}{}
14248 \newcommand{\scr@savedRTLfootnotetext}{}

```

```

14249 \let\scr@saved@footnotetext\@footnotetext
14250 \let\scr@saved@LTRfootnotetext\@LTRfootnotetext
14251 \let\scr@saved@RTLfootnotetext\@RTLfootnotetext
14252 \renewcommand{\@footnotetext}[1]{%
14253   \scr@saved@footnotetext{#1}%
14254   \csname FN@mfb@prepare\endcsname
14255 }
14256 \renewcommand{\@LTRfootnotetext}[1]{%
14257   \scr@saved@LTRfootnotetext{#1}%
14258   \csname FN@mfb@prepare\endcsname
14259 }
14260 \renewcommand{\@RTLfootnotetext}[1]{%
14261   \scr@saved@RTLfootnotetext{#1}%
14262   \csname FN@mfb@prepare\endcsname
14263 }
14264 \renewcommand\deffootnote[4][1]{%
14265   \long\def\@makefnmark##1{%
14266     \setlength{\@tempdimc}{#3}%
14267     \def\@tempa{#1}\ifx\@tempa\@empty
14268       \setpar{\@par
14269         \@tempdima = \hsize
14270         \addtolength{\@tempdima}{-#2}%
14271         \if@RTL\parshape \@ne Opt \@tempdima\else\parshape \@ne #2 \@tempdima\fi}%
14272     \else
14273       \addtolength{\@tempdimc}{#2}%
14274       \addtolength{\@tempdimc}{-#1}%
14275       \setpar{\@par
14276         \@tempdima = \hsize
14277         \addtolength{\@tempdima}{-#1}%
14278         \@tempdimb = \hsize
14279         \addtolength{\@tempdimb}{-#2}%
14280         \if@RTL\parshape \tw@ Opt \@tempdima Opt \@tempdimb\else\parshape \tw@ #1 \@tempdima
14281       }%
14282     \fi
14283     \par
14284     \parindent\@tempdimc\noindent
14285     \ftn@font\hbox to \z@{\hss\@makefnmark}##1%
14286   }%
14287   \def\@makefnmark{\hbox{\ftn@font{#4}}}%
14288 }
14289 \deffootnote[1em]{1.5em}{1em}{\textsuperscript{\thefootnotemark}}
14290 \renewcommand*\left@footnoterule{%
14291   \normalsize\ftn@rule@test@values
14292   \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
14293   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14294   {\usekomafont{footnoterule}{%
14295     \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}%
14296   \kern 2.6\p@}
14297 \renewcommand*\right@footnoterule{%
14298   \hbox to \columnwidth

```

```

14299 {\beginR \vbox{\kern -3\p@
14300 \normalsize\ftn@rule@test@values
14301 \kern-\dimexpr 2.6\p@+\ftn@rule@height\relax
14302 \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14303 {\usekomafont{footnoterule}{%
14304 \hrule \@height\ftn@rule@height \@width\ftn@rule@width}}}%
14305 \kern 2.6\p@}\hfil\endR}}
14306 \renewcommand*\maketitle[1][1]{%
14307 \if@titlepage
14308 \begin{titlepage}
14309 \setcounter{page}{%
14310 #1%
14311 }%
14312 \let\footnotesize\small
14313 \let\right@footnoterule\relax
14314 \let\left@footnoterule\relax
14315 \let\textwidth\footnoterule\relax
14316 \let\footnote\thanks
14317 \let\LTRfootnote\LTRthanks
14318 \let\RTLfootnote\RTLthanks
14319 \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14320 \let\@oldmakefnmark\@makefnmark
14321 \renewcommand*{\@makefnmark}{\rlap{\@oldmakefnmark}}%
14322 \ifx\@extratitle\@empty \else
14323 \noindent\@extratitle\next@tpage\cleardoubleemptypage
14324 \thispagestyle{empty}%
14325 \fi
14326 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14327 \ifx\@titlehead\@empty \else
14328 \begin{minipage}[t]{\textwidth}%
14329 \@titlehead
14330 \end{minipage}\par
14331 \fi
14332 \null\vfill
14333 \begin{center}
14334 \ifx\@subject\@empty \else
14335 {\subject@font \@subject \par}%
14336 \vskip 3em
14337 \fi
14338 {\titlefont\huge \@title\par}%
14339 \vskip 1em
14340 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14341 \vskip 2em
14342 {\Large \lineskip 0.75em
14343 \begin{tabular}[t]{c}
14344 \@author
14345 \end{tabular}\par
14346 }%
14347 \vskip 1.5em
14348 {\Large \@date \par}%

```

```

14349      \vskip \z@ \@plus3fill
14350      {\Large \@publishers \par}%
14351      \vskip 3em
14352      \end{center}\par
14353      \@thanks
14354      \vfill\null
14355      \if@twoside\next@tpage
14356      \begin{minipage}[t]{\textwidth}
14357      \@uppertitleback
14358      \end{minipage}\par
14359      \vfill
14360      \begin{minipage}[b]{\textwidth}
14361      \@lowertitleback
14362      \end{minipage}
14363      \fi
14364      \ifx\@dedication\@empty \else
14365      \next@tpage\null\vfill
14366      {\centering \Large \@dedication \par}%
14367      \vskip \z@ \@plus3fill
14368      \if@twoside \next@tpage\cleardoubleemptypage \fi
14369      \fi
14370      \end{titlepage}
14371      \else
14372      \par
14373      \@tempcnta=%
14374      #1%
14375      \relax\ifnum\@tempcnta=1\else
14376      \ClassWarning{\KOMAClassName}{%
14377      Optional argument of \string\maketitle\space ignored
14378      at\MessageBreak
14379      notitlepage-mode%
14380      }%
14381      \fi
14382      \begingroup
14383      \renewcommand*\thefootnote{\@fnsymbol\c@footnote}%
14384      \let\@oldmakefnmark\@makefnmark
14385      \renewcommand*\@makefnmark{\rlap\@oldmakefnmark}
14386      \if@twocolumn
14387      \ifnum \col@number=\@one
14388      \@maketitle
14389      \else
14390      \twocolumn[\@maketitle]%
14391      \fi
14392      \else
14393      \newpage
14394      \global\@topnum\z@
14395      \@maketitle
14396      \fi
14397      \thispagestyle{\titlepagestyle}\@thanks
14398      \endgroup

```



```

14399 \fi
14400 \setcounter{footnote}{0}%
14401 \let\thanks\relax
14402 \let\LTRthanks\relax
14403 \let\RTLthanks\relax
14404 \let\maketitle\relax
14405 \let\@maketitle\relax
14406 \global\let\@thanks\@empty
14407 \global\let\@author\@empty
14408 \global\let\@date\@empty
14409 \global\let\@title\@empty
14410 \global\let\@subtitle\@empty
14411 \global\let\@extratitle\@empty
14412 \global\let\@titlehead\@empty
14413 \global\let\@subject\@empty
14414 \global\let\@publishers\@empty
14415 \global\let\@uppertitleback\@empty
14416 \global\let\@lowertitleback\@empty
14417 \global\let\@dedication\@empty
14418 \global\let\author\relax
14419 \global\let\title\relax
14420 \global\let\extratitle\relax
14421 \global\let\titlehead\relax
14422 \global\let\subject\relax
14423 \global\let\publishers\relax
14424 \global\let\uppertitleback\relax
14425 \global\let\lowertitleback\relax
14426 \global\let\dedication\relax
14427 \global\let\date\relax
14428 \global\let\and\relax
14429 }%
14430 \renewcommand*{\@maketitle}{%
14431 \clearpage
14432 \let\footnote\thanks
14433 \let\LTRfootnote\LTRthanks
14434 \let\RTLfootnote\RTLthanks
14435 \ifx\@extratitle\@empty \else
14436 \noindent\@extratitle \next@tpage \if@twoside \null\next@tpage \fi
14437 \fi
14438 \setparsizes{\z@}{\z@}{\z@\@plus 1fil}\par@updaterelative
14439 \ifx\@titlehead\@empty \else
14440 \begin{minipage}[t]{\textwidth}
14441 \@titlehead
14442 \end{minipage}\par
14443 \fi
14444 \null
14445 \vskip 2em%
14446 \begin{center}%
14447 \ifx\@subject\@empty \else
14448 {\subject@font \@subject \par}

```

```

14449     \vskip 1.5em
14450 \fi
14451 {\titlefont\huge \@title \par}%
14452 \vskip .5em
14453 {\ifx\@subtitle\@empty\else\usekomafont{subtitle}\@subtitle\par\fi}%
14454 \vskip 1em
14455 {\Large
14456   \lineskip .5em%
14457   \begin{tabular}[t]{c}
14458     \@author
14459   \end{tabular}\par
14460 }%
14461 \vskip 1em%
14462 {\Large \@date \par}%
14463 \vskip \z@ \@plus 1em
14464 {\Large \@publishers \par}
14465 \ifx\@dedication\@empty \else
14466   \vskip 2em
14467   {\Large \@dedication \par}
14468 \fi
14469 \end{center}%
14470 \par
14471 \vskip 2em
14472 }%
14473 \renewcommand*\l@part[2]{%
14474   \ifnum \c@tocdepth >-2\relax
14475     \addpenalty{-\@highpenalty}%
14476     \addvspace{2.25em \@plus\p@}%
14477     \setlength{\@tempdima}{2em}%
14478     \if@tocleft
14479       \ifx\toc@l@number\@empty\else
14480         \setlength{\@tempdima}{0\toc@l@number}%
14481       \fi
14482     \fi
14483     \begingroup
14484       \parindent \z@ \if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14485       \parfillskip -\@pnumwidth
14486       \leavevmode
14487       \advance\if@RTL\rightskip\else\leftskip\fi\@tempdima
14488       \hskip -\if@RTL\rightskip\else\leftskip\fi
14489       {\usekomafont{partentry}{#1\nobreak
14490         \usekomafont{partentrypagenumber}{\hfil\nobreak
14491           \hb@xt@\@pnumwidth{\hss#2}}}\par
14492       \ifnum \scr@compatibility>\@nameuse{scr@v@2.96}\relax
14493       \endgroup
14494       \penalty20010
14495     \else
14496       \penalty\@highpenalty
14497     \endgroup
14498 \fi

```

```

14499 \fi
14500 }
14501 \renewcommand*\l@chapter[2]{%
14502 \ifnum \c@tocdepth >\m@ne
14503 \ifnum \lastpenalty<20010
14504 \addpenalty{-\@highpenalty}%
14505 \fi
14506 \vskip 1.0em \@plus\p@
14507 \setlength\@tempdima{1.5em}%
14508 \if@tocleft
14509 \ifx\toc@l@number\@empty\else
14510 \setlength\@tempdima{0\toc@l@number}%
14511 \fi
14512 \fi
14513 \begingroup
14514 \raggedchapterentry
14515 \parindent \z@ \advance\if@RTL\leftskip\else\rightskip\fi \@pnumwidth
14516 \parfillskip -\@pnumwidth
14517 \interlinepenalty\@M
14518 \leavevmode
14519 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
14520 {\usekomafont{chapterentry}{#1\nobreak
14521 \usekomafont{chapterentrypagenumber}{%
14522 \hfill\nobreak
14523 \hb@xt@\@pnumwidth{\hss#2}}}\par
14524 \ifnum \scr@compatibility>\@nameuse{scr@v2.96}\relax
14525 \endgroup
14526 \penalty20009
14527 \else
14528 \penalty\@highpenalty
14529 \endgroup
14530 \fi
14531 \fi
14532 }
14533 \def\raggedsection{\if@RTL\raggedleft\else\raggedright\fi}
14534 \renewcommand*\autodot{\if@altsecnumformat\@SepMark\fi}
14535 \renewcommand*\thesection{%
14536 \thechapter\@SepMark%
14537 \@arabic\c@section
14538 }
14539 \renewcommand*\thesubsection{\thesection\@SepMark\@arabic\csubsection}
14540 \renewcommand*\thesubsubsection{%
14541 \thesubsection\@SepMark\@arabic\csubsubsection
14542 }
14543 \renewcommand*\theparagraph{\thesubsubsection\@SepMark\@arabic\cparagraph}
14544 \renewcommand*\thesubparagraph{%
14545 \theparagraph\@SepMark\@arabic\csubparagraph
14546 }
14547 \renewcommand*\thefigure{%
14548 \thechapter\@SepMark%

```

```

14549 \@arabic\c@figure
14550 }
14551 \renewcommand*\thetable{%
14552   \thechapter\@SepMark%
14553   \@arabic\c@table
14554 }
14555 \renewcommand*\theequation{%
14556   \thechapter\@SepMark%
14557   \@arabic\c@equation
14558 }
14559 \renewenvironment{thebibliography}[1]{%
14560   \if@bib@break@
14561     \bib@beginhook
14562   \else
14563     \ifx\bibpreamble\relax\else\ifx\bibpreamble\@empty\else
14564       \setchapterpreamble{\bibpreamble}%
14565     \fi\fi
14566     \bib@heading
14567     \bib@beginhook
14568     \bib@before@hook
14569   \fi
14570   \renewcommand{\BreakBibliography}[1]{%
14571     \@bib@break
14572     \end{thebibliography}%
14573     \begingroup ##1\endgroup
14574     \begin{thebibliography}{#1}
14575   }%
14576   \ifRTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
14577   \list{%
14578     \@biblabel{\@arabic\c@enumiv}%
14579   }{%
14580     \settowidth\labelwidth{\@biblabel{#1}}%
14581     \leftmargin\labelwidth
14582     \advance\leftmargin\labelsep
14583     \@openbib@code
14584     \if@bib@break@
14585       \edef\@tempa{%
14586         \noexpand\usecounter{enumiv}%
14587         \noexpand\setcounter{enumiv}{\the\c@enumiv}%
14588       }\@tempa
14589       \no@bib@break
14590     \else
14591       \usecounter{enumiv}%
14592     \fi
14593     \let\p@enumiv\@empty
14594     \renewcommand*\theenumiv{\@arabic\c@enumiv}%
14595   }%
14596   \sloppy\clubpenalty4000 \widowpenalty4000
14597   \sfcode'\.=\@m
14598 }{%

```

```

14599 \if@bib@break@
14600   \def\@noitemerr{%
14601     \@latex@warning{%
14602       \string\BreakBibliography\space at begin of ‘thebibliography’
14603       environment\MessageBreak
14604       or following \string\BreakBibliography}%
14605   }%
14606 \else
14607   \def\@noitemerr{%
14608     \@latex@warning{%
14609       Empty ‘thebibliography’ environment or
14610       \string\BreakBibliography\MessageBreak
14611       before end of ‘thebibliography’ environment}%
14612   }%
14613 \fi
14614 \endlist
14615 \if@bib@break@
14616 \else
14617   \bib@after@hook
14618   \let\bib@before@hook\@empty
14619   \let\bib@after@hook\@empty
14620 \fi
14621 \bib@endhook
14622 }
14623 \renewcommand*\left@footnoterule{%
14624   \kern-3\p@
14625   \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14626   \hrule\@width.4\columnwidth
14627   \kern 2.6\p@}
14628 \renewcommand*\right@footnoterule{%
14629   \hbox to \columnwidth
14630   {\beginR \vbox{%
14631     \kern-3\p@
14632     \ifx\@textbottom\relax\else\vskip \z@ \@plus.05fil\fi
14633     \hrule\@width.4\columnwidth
14634     \kern 2.6\p@}\hfil\endR}}
14635 \renewcommand*{\raggeddictum}{\if@RTL\raggedright\else\raggedleft\fi}
14636 \renewcommand*{\raggeddictumtext}{\if@RTL\raggedleft\else\raggedright\fi}
14637 \renewcommand*{\raggeddictumauthor}{\if@RTL\raggedright\else\raggedleft\fi}
14638 \renewcommand\marginline[1]{%
14639   \marginpar[\if@RTL\raggedright\else\raggedleft\fi{#1}]{\if@RTL\raggedleft\else\raggedright\fi}
14640 }
14641 \renewcommand{\@makecaption}[3]{%
14642   \cap@margin
14643   \ifonelinecaptions
14644     \@tempcnta=\value{mpfootnote}\@tempcntb=\value{footnote}%
14645     \let\scr@tmp@footnotetext=\@footnotetext
14646     \let\@footnotetext=\@gobble
14647     \let\scr@tmp@LTRfootnotetext=\@LTRfootnotetext
14648     \let\@LTRfootnotetext=\@gobble

```

```

14649 \let\scr@tmp@RTLfootnotetext=\@RTLfootnotetext
14650 \let\@RTLfootnotetext=\@gobble
14651 \sbox\@tempboxa{%
14652   {\capfont{\strut\ignorespaces
14653     #1{\caplabelfont{#2\captionformat}}}%
14654     #3\unskip\strut}}%
14655 }%
14656 \let\@footnotetext=\scr@tmp@footnotetext
14657 \let\scr@tmp@footnotetext=\undefined
14658 \let\@LTRfootnotetext=\scr@tmp@LTRfootnotetext
14659 \let\scr@tmp@LTRfootnotetext=\undefined
14660 \let\@RTLfootnotetext=\scr@tmp@RTLfootnotetext
14661 \let\scr@tmp@RTLfootnotetext=\undefined
14662 \setcounter{footnote}{\@tempcntb}%
14663 \setcounter{mpfootnote}{\@tempcnta}%
14664 \else
14665   \sbox\@tempboxa{\hspace*{2\cap@width}}%
14666 \fi
14667 \begingroup%
14668   \setlength{\@tempdima}{\cap@width}%
14669   \ifdim \wd\@tempboxa >\@tempdima
14670     \hb@xt@\hsize{%
14671       \setbox\@tempboxa\vbox{\hsize=\cap@width
14672         \ifdofullc@p
14673           {\capfont{\@hangfrom{\scr@smashdp{\strut\ignorespaces
14674             #1{\caplabelfont{#2\captionformat}}}}}%
14675             #3\unskip\strut\par}}}%
14676         \else%
14677           \ifdim\cap@indent<\z@
14678             {\capfont{\strut\ignorespaces
14679               #1{\caplabelfont{#2\captionformat\par}}}%
14680               \noindent\hspace*{-\cap@indent}#3\unskip\strut\par}}%
14681             \else%
14682               \if@capbreak
14683                 {\capfont{\strut\ignorespaces
14684                   #1{\caplabelfont{#2\captionformat\par}}}%
14685                   \noindent\@hangfrom{\hspace*{\cap@indent}}{#3\par}}}%
14686                 \else
14687                   {\capfont{\@hangfrom{\scr@smashdp\strut\hspace*{\cap@indent}}}%
14688                     {\hspace{-\cap@indent}\scr@smashdp{\ignorespaces#1%
14689                       {\caplabelfont{#2\captionformat}}}}#3\unskip\strut\par}}}%
14690                 \fi
14691             \fi
14692           \fi
14693         }%
14694         \setlength{\@tempdima}{\ht\@tempboxa}%
14695         \addtolength{\@tempdima}{\dp\@tempboxa}%
14696         \addtolength{\@tempdima}{-\ht\strutbox}%
14697         \ht\@tempboxa\ht\strutbox
14698         \dp\@tempboxa\@tempdima

```

```

14699      \strut\cap@left
14700      \box\@tempboxa
14701      \cap@right\strut
14702    }%
14703  \else
14704    \global \@minipagefalse
14705    \sbox\@tempboxa{%
14706      {\capfont{\scr@smashdp{\strut\ignorespaces
14707        #1{\caplabelfont{#2\captionformat}}}}}%
14708      #3}}%
14709    }%
14710    {\capfont{\hb@xt@\hsize{\strut\cap@left\if@RTL\beginR\fi\box\@tempboxa\if@RTL\endR\fi\cap@right}}
14711  \fi
14712 \endgroup
14713 }
14714 \renewcommand{\@makecaption}[2]{%
14715   \if@captionabove
14716     \vskip\belowcaptionskip
14717   \else
14718     \vskip\abovecaptionskip
14719   \fi
14720   \@makecaption\@firstofone{#1}{#2}%
14721   \if@captionabove
14722     \vskip\abovecaptionskip
14723   \else
14724     \vskip\belowcaptionskip
14725   \fi
14726 }

```

7.100 sidecap-xetex-bidi.def

```

14727 \ProvidesFile{sidecap-xetex-bidi.def}[2010/08/01 v0.1 bidi adaptations for sidecap package for XeTeX]
14728 \renewcommand*{\SC@FLOAT}[2]{\if@RTL%
14729   \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2}} {\#2}\hspace{\sidecaptionsep}{#1}}\else%
14730 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1}} {\#1}\hspace{\sidecaptionsep}{#2}}\fi}
14731 \renewcommand*{\SC@justify@caption}{\if@RTL%
14732 \isSC@ODD{\RaggedLeft}{\RaggedRight}\else%
14733   \isSC@ODD{\RaggedRight}{\RaggedLeft}\fi}

```

7.101 stabular-xetex-bidi.def

```

14734 \ProvidesFile{stabular-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for stabular package for XeTeX]
14735 \def\@stabular{\if@RTL\@RTLtabtrue\fi
14736   \leavevmode \bgroup \if@RTLtab\beginR \fi
14737   \let\@acol\@tabacol
14738   \let\@classz\@tabclassz
14739   \let\@classiv\@tabclassiv \let\\\@tabularcr\@stabarray}
14740 \def\endstabular{\crr\egroup\if@RTLtab\egroup\endR\egroup\fi
14741   \egroup \if@RTLtab\endR\fi\egroup
14742   \@RTLtabfalse}
14743 \expandafter \let \csname endstabular*\endcsname = \endstabular

```

```

14744 \def\sarray[#1]#2{%
14745   \bgroup
14746   \setbox\@arstrutbox\hbox{%
14747     \vrule \@height\arraystretch\ht\strutbox
14748         \@depth\arraystretch \dp\strutbox
14749     \@width\z@}%
14750   \@mkpream{#2}%
14751   \edef\@preamble{%
14752     \ialign \noexpand\@halignto
14753       \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%
14754   \let\@startpbox\@startpbox \let\@endpbox\@endpbox
14755   \let\tabularnewline\\
14756   \let\@sharp##%
14757   \set@typeset@protect
14758   \lineskip\z@skip\baselineskip\z@skip
14759   \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
14760   \@preamble}

```

7.102 subfigure-xetex-bidi.def

```

14761 \ProvidesFile{subfigure-xetex-bidi.def}[2010/03/01 v0.1 bidi adaptations for subfigure package]
14762 \AtBeginDocument{%
14763   \let\p@subfigure=\thefigure
14764   \let\p@subtable=\thetable%
14765 }

```

7.103 tabs-xetex-bidi.def

```

14766 \ProvidesFile{tabs-xetex-bidi.def}[2010/08/01 v0.2 bidi adaptations for tabs package for XeTeX]
14767 \def\endtabular{\endarray $\if@RTLtab\endR\fi\egroup
14768   \@RTLtabfalse}
14769
14770 \expandafter\let\csname endtabular*\endcsname=\endtabular
14771
14772 \def\endarray{\ifvmode\csname crcr\endcsname % just do \crr if \ given
14773   \else \[\z@ \global\advance\@arstdepth-\@otarlinesep]%
14774   \fi\egroup\if@RTLtab\egroup\endR\egroup\fi\@unrecurse\egroup}
14775
14776 \def\@array[#1]#2{% remember global variables to allow recursion:
14777   \edef\@unrecurse{\global\@skip@bove\the\@skip@bove
14778     \global\@arstheight\the\@arstheight\global\@arstdepth\the\@arstdepth}%
14779   \let\@otarlinesep\@tarlinesep \global\@skip@bove-\@otarlinesep
14780   \ifx\@classz\@arrayclassz \let\@tarlinesep\arraylinesep
14781   \else \let\@tarlinesep\tablinesep \fi
14782   \divide\@tarlinesep\tw@ % half sep is applied to height & depth
14783   \let\@seesize\relax \let\@rememsize\relax \@mkpream{#2}%
14784   \@tempdima\arraystretch\ht\strutbox \@tempdimb\arraystretch\dp\strutbox
14785   \ifdim\@tarlinesep>\z@ % (need \protect for \multicolumn)
14786     \def\@rememsize{\protect\@r@m@msize}\let\@seesize\@s@@size
14787     \advance\@tempdima-\@tarlinesep \advance\@tempdimb-\@tarlinesep
14788   \fi \setbox\@arstrutbox\hbox{% set up smaller strut

```



```

14789 \vrule \@height\@tempdima \@depth\@tempdimb \@width\z@}%
14790 \let\protect\noexpand
14791 \edef\@preamble{\ialign \noexpand\@halignto \bgroup
14792 \unhcopy\@arstrutbox \@preamble \tabskip\z@skip &\@sharp \cr}%
14793 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
14794 \if#1t\vtop \else \if#1b\vbox \else \vcenter \fi\fi
14795 \bgroup \let\par\@empty
14796 \global\@arstheight\ht\@arstrutbox \global\@arstdepth\dp\@arstrutbox
14797 \advance\extrarulesep.5\arrayrulewidth
14798 \let\@sharp#\let\protect\relax \lineskip\z@skip \baselineskip\z@skip
14799 \if@RTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
14800 \@preamble}

```

7.104 tabulary-xetex-bidi.def

```

14801 \ProvidesFile{tabulary-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tabulary package]
14802 \def\@testpach{\@chclass
14803 \ifnum \@lastchclass=6 \one \@chnum \@ne \else
14804 \ifnum \@lastchclass=7 5 \else
14805 \ifnum \@lastchclass=8 \tw@ \else
14806 \ifnum \@lastchclass=9 \thr@@
14807 \else \z@
14808 \ifnum \@lastchclass = 10 \else
14809 \edef\@nextchar{\expandafter\string\@nextchar}%
14810 \@chnum
14811 \if \@nextchar c\z@ \else
14812 \if \@nextchar \if@RTLtab r\else l\fi\@ne \else
14813 \if \@nextchar \if@RTLtab l\else r\fi\@tw@ \else
14814 \if \@nextchar C7 \else
14815 \if \@nextchar L8 \else
14816 \if \@nextchar R9 \else
14817 \if \@nextchar J10 \else
14818 \z@ \@chclass
14819 \if\@nextchar |\@ne \else
14820 \if \@nextchar !6 \else
14821 \if \@nextchar @7 \else
14822 \if \@nextchar <8 \else
14823 \if \@nextchar >9 \else
14824 10
14825 \@chnum
14826 \if \@nextchar m\thr@@\else
14827 \if \@nextchar p4 \else
14828 \if \@nextchar b5 \else
14829 \z@ \@chclass \z@ \@preamerr \z@ \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
14830 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi}

```

7.105 tc-xetex-bidi.def

```

14831 \ProvidesFile{tc-xetex-bidi.def}[2014/07/08 v0.1 bidi adaptations for Clipping driver for XeTeX]
14832 \def\@cliptoboxdim#1{%
14833 \setbox#1=\hbox{%

```

```

14834      \Gin@defaultbp\WIDTH{\wd#1}%
14835      \Gin@defaultbp\DEPTH{\dp#1}%
14836      \@tempdima\ht#1%
14837      \advance\@tempdima\dp#1%
14838      \Gin@defaultbp\TOTALHEIGHT{\@tempdima}%
14839      \beginL\special{pdf:bcontent }%
14840      \special{%
14841          pdf:literal direct
14842          0 -\DEPTH\space \WIDTH\space \TOTALHEIGHT\space re
14843      }%
14844      \special{pdf:literal direct W }%
14845      \special{pdf:literal direct n }%
14846      \if@RTL\beginR\fi\box#1\if@RTL\endR\fi%
14847      \special{pdf:econtent }\endL%
14848  }%
14849 }

```

7.106 titlesec-xetex-bidi.def

```

14850 \ProvidesFile{titlesec-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for titlesec package]
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 \def\ttlh@hang#1#2#3#4#5#6#7#8{%
14858   \gdef\ttl@makeline##1{\ttl@calc\hspace{#6}##1\ttl@calc\hspace{#7}}%
14859   \setlength\leftskip{#6}%
14860   \setlength\rightskip{#7}%
14861   \interlinepenalty\@M
14862   \ttl@change@centercr
14863   \ttl@begin@longest
14864   #1{\ifhmode\ttl@hmode@error\fi
14865     \ttl@glcmds
14866     \parindent\z@
14867     \leavevmode
14868     \begin@group
14869     \ifttl@label
14870       \sbox\z@{#2\strut\ttl@calc\hspace{#3}}%
14871       \if@RTL\advance\rightskip\wd\z@\else\advance\leftskip\wd\z@\fi
14872       \llap{\box\z@}%
14873     \fi
14874     #4{#8}%
14875     \kern\z@\strut\@par
14876   \end@group
14877   \nobreak\ttl@mid@longest#5\@par}%
14878 \ttl@end@longest}

```

7.107 titletoc-xetex-bidi.def

```

14879 \ProvidesFile{titletoc-xetex-bidi.def}[2013/04/10 v0.2 bidi adaptations for titletoc package]
14880 \renewcommand\filright{%
14881   \gdef\ttl@filleft##1{\hskip##1}%
14882   \gdef\ttl@filright##1{\hfill}%
14883   \let\\\@centercr
14884   \advance\rightskip\z@ \@plus 1fil
14885 \parfillskip\z@}
14886 \renewcommand\contentspush[1]{%
14887   \sbox\z@{#1}%
14888   \xdef\ttl@b{\advance\if@RTL\rightskip\else\leftskip\fi\the\wd\z@}%
14889   \aftergroup\ttl@b
14890   \leavevmode\llap{\box\z@}}
14891 \def\ttl@outnoblock#1#2#3{%
14892   \begingroup
14893   \ifnum\ttl@b>\ttl@a
14894     \nobreak
14895   \else\ifnum\ttl@b<\ttl@a
14896     \addpenalty{\@secpenalty}%
14897   \else
14898     \addpenalty{\z@}%
14899   \fi\fi
14900   \ttl@contentsstretch
14901   \nobreak
14902   \ifcase#1\relax\else\interlinepenalty\@M\fi
14903   \parindent\z@
14904   \ifx@nil#2%
14905     \PackageError{titletoc}{Unimplemented}%
14906     {The optional argument is currently mandatory}%
14907   \else
14908     \if@RTL\setlength\rightskip{#2}\else
14909     \setlength\leftskip{#2}\fi%
14910   \fi
14911   \if@RTL\setlength\leftskip{\@pnumwidth}\else\setlength\rightskip{\@pnumwidth}\fi%
14912   \let\contentsmargin\ttl@margin
14913   \def\ttl@makeline##1{##1}%
14914   #3%
14915   \addtolength{\parfillskip}{-\ttl@corr}%
14916   \if@RTL\addtolength{\leftskip}{\ttl@corr}\else\addtolength{\rightskip}{\ttl@corr}\fi%
14917   \let\ttl@leaders\leaders}
14918 \renewcommand\ttl@margin[2][\z@]{%
14919   \def\ttl@corr{#1}%
14920   \advance\if@RTL\leftskip\else\rightskip\fi-\@pnumwidth\relax
14921   \advance\if@RTL\leftskip\else\rightskip\fi#2\relax
14922   \def\@pnumwidth{#2}}
14923 \let\ttl@savel@part\l@part
14924 \def\l@part{\ttl@lselect{part}}
14925
14926 \let\ttl@savel@chapter\l@chapter
14927 \def\l@chapter{\ttl@lselect{chapter}}

```

7.108 tocibind-xetex-bidi.def

```

14928 \ProvidesFile{tocibind-xetex-bidi.def}[2012/12/12 v0.3 bidi adaptations for tocibind packag
14929 \if@dotocbib
14930 \ifpackageloaded{natbib}{-}{% natbib not loaded
14931 \renewcommand{\bibsection}{\tcb@bchapsec}
14932 \renewenvironment{thebibliography}[1]{%
14933 \bibsection
14934 \begin{thebibitemlist}{#1}}{\end{thebibitemlist}}
14935 \renewenvironment{thebibitemlist}[1]{
14936 \if@RTL\if@LTRbibitems\@RTLfalse\else\fi\else\if@RTLbibitems\@RTLtrue\else\fi\fi
14937 \list{\@biblabel{\@arabic{c@enumiv}}}%
14938 {\settowidth\labelwidth{\@biblabel{#1}}%
14939 \leftmargin\labelwidth
14940 \advance\leftmargin\labelsep
14941 \@openbib@code
14942 \usecounter{enumiv}%
14943 \let\p@enumiv\@empty
14944 \renewcommand\theenumiv{\@arabic{c@enumiv}}}%
14945 \sloppy
14946 \clubpenalty4000
14947 \@clubpenalty \clubpenalty
14948 \widowpenalty4000%
14949 \sfcode'\.\@m}
14950 {\def\@noitemerr
14951 {\@latex@warning{Empty 'thebibliography' environment}}}%
14952 \endlist}
14953
14954 \ifpackagewith{chapterbib}{sectionbib}%
14955 {\renewcommand{\sectionbib}[2]{}}%
14956 {}
14957
14958 \fi
14959 \if@inltxdoc\else
14960 \renewenvironment{theindex}%
14961 {\if@twocolumn
14962 \@restonecolfalse
14963 \else
14964 \@restonecoltrue
14965 \fi
14966 \if@bibchapter
14967 \if@donumindex
14968 \refstepcounter{chapter}
14969 \twocolumn[\vspace*{2\topskip}%
14970 \makechapterhead{\indexname}}%
14971 \addcontentsline{toc}{chapter}{\protect\numberline{\thechapter}\indexname}
14972 \chaptermark{\indexname}
14973 \else
14974 \if@dotocind
14975 \twocolumn[\vspace*{2\topskip}%

```

```

14976             \@makeschapterhead{\indexname}}%
14977             \prw@mkboth{\indexname}
14978             \addcontentsline{toc}{chapter}{\indexname}
14979         \else
14980             \twocolumn[\vspace*{2\topskip}]%
14981             \@makeschapterhead{\indexname}}%
14982             \prw@mkboth{\indexname}
14983         \fi
14984     \fi
14985 \else
14986     \if@donumindex
14987         \twocolumn[\vspace*{-1.5\topskip}]%
14988         \@nameuse{\@tocextra}{\indexname}}%
14989         \csname \@tocextra mark\endcsname{\indexname}
14990     \else
14991         \if@dotocind
14992             \twocolumn[\vspace*{-1.5\topskip}]%
14993             \toc@headstar{\@tocextra}{\indexname}}%
14994             \prw@mkboth{\indexname}
14995             \addcontentsline{toc}{\@tocextra}{\indexname}
14996         \else
14997             \twocolumn[\vspace*{-1.5\topskip}]%
14998             \toc@headstar{\@tocextra}{\indexname}}%
14999             \prw@mkboth{\indexname}
15000         \fi
15001     \fi
15002 \fi
15003 \thispagestyle{plain}\parindent\z@
15004 \parskip\z@ \@plus .3\p@\relax
15005 \let\item\@idxitem}
15006 {\if@restonecol\onecolumn\else\clearpage\fi}
15007 \fi

```

7.109 tocloft-xetex-bidi.def

```

15008 \ProvidesFile{tocloft-xetex-bidi.def}[2010/07/25 v0.2 bidi adaptations for tocloft package for xetex]
15009 \let\cftdot\@SepMark
15010 \if@cfthaspart
15011 \renewcommand*{\l@part}[2]{
15012     \cftdopartfalse
15013     \ifnum \c@tocdepth >-2\relax
15014         \if@cfthaschapter
15015             \cftdoparttrue
15016         \fi
15017         \ifnum \c@tocdepth >\m@ne
15018             \if@cfthaschapter\else
15019                 \cftdoparttrue
15020             \fi
15021         \fi
15022     \fi

```

```

15023 \if@cftdopart
15024   \if@cfthaschapter
15025     \addpenalty{-\@highpenalty}
15026   \else
15027     \addpenalty\@secpenalty
15028   \fi
15029   \addvspace{\cftbeforepartskip}
15030   \begingroup
15031     {\if@RTL\righskip\else\leftskip\fi \cftpartindent\relax
15032     \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15033     \parfillskip -\if@RTL\leftskip\else\righskip\fi
15034     \parindent \cftpartindent\relax\@afterindenttrue
15035     \interlinepenalty\@M
15036     \leavevmode
15037     \@tempdima \cftpartnumwidth\relax
15038     \let\@cftbsnum \cftpartpresnum
15039     \let\@cftasnum \cftpartaftersnum
15040     \let\@cftasnumb \cftpartaftersnumb
15041     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15042     {\cftpartfont \cftpartpresnum #1}
15043     \cftpartfillnum{#2}}
15044   \nobreak
15045   \if@cfthaschapter
15046     \global\@nobreaktrue
15047     \everypar{\global\@nobreakfalse\everypar{}}
15048   \else
15049     \if@compatibility
15050       \global\@nobreaktrue
15051       \everypar{\global\@nobreakfalse\everypar{}}
15052     \fi
15053   \fi
15054   \endgroup
15055 \fi}
15056 \fi
15057 \if@cfthaschapter
15058 \renewcommand*{\l@chapter}[2]{
15059   \ifnum \c@tocdepth >\m@ne
15060     \addpenalty{-\@highpenalty}
15061     \vskip \cftbeforechapskip
15062     {\if@RTL\righskip\else\leftskip\fi \cftchapindent\relax
15063     \if@RTL\leftskip\else\righskip\fi \@tocrmarg
15064     \parfillskip -\if@RTL\leftskip\else\righskip\fi
15065     \parindent \cftchapindent\relax\@afterindenttrue
15066     \interlinepenalty\@M
15067     \leavevmode
15068     \@tempdima \cftchapnumwidth\relax
15069     \let\@cftbsnum \cftchappresnum
15070     \let\@cftasnum \cftchapaftersnum
15071     \let\@cftasnumb \cftchapaftersnumb
15072     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ

```

```

15073      {\cftchapfont #1}\nobreak
15074      \cftchapfillnum{#2}}
15075 \fi}
15076 \fi
15077 \renewcommand*{\l@section}[2]{%
15078   \ifnum \c@tocdepth >\z@
15079     \if@cftaschapter
15080       \vskip \cftbeforesecskip
15081     \else
15082       \addpenalty\@secpenalty
15083       \addvspace{\cftbeforesecskip}
15084     \fi
15085     {\if@RTL\righskip\else\leftskip\fi \cftsecindent\relax
15086     \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15087     \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15088     \parindent \cftsecindent\relax\@afterindenttrue
15089     \interlinepenalty\@M
15090     \leavevmode
15091     \@tempdima \cftsecnumwidth\relax
15092     \let\@cftbsnum \cftsecpresnum
15093     \let\@cftasnum \cftsecaftersnum
15094     \let\@cftasnumb \cftsecaftersnumb
15095     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15096     {\cftsecfont #1}\nobreak
15097     \cftsecfillnum{#2}}
15098 \fi}
15099 \renewcommand*{\l@subsection}[2]{%
15100   \ifnum \c@tocdepth >\@ne
15101     \vskip \cftbeforesubsecskip
15102     {\if@RTL\righskip\else\leftskip\fi \cftsubsecindent\relax
15103     \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15104     \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15105     \parindent \cftsubsecindent\relax\@afterindenttrue
15106     \interlinepenalty\@M
15107     \leavevmode
15108     \@tempdima \cftsubsecnumwidth\relax
15109     \let\@cftbsnum \cftsubsecpresnum
15110     \let\@cftasnum \cftsubsecaftersnum
15111     \let\@cftasnumb \cftsubsecaftersnumb
15112     \advance\if@RTL\righskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\righ
15113     {\cftsubsecfont #1}\nobreak
15114     \cftsubsecfillnum{#2}}
15115 \fi}
15116 \renewcommand*{\l@subsubsection}[2]{%
15117   \ifnum \c@tocdepth >\tw@
15118     \vskip \cftbeforesubsubsecskip
15119     {\if@RTL\righskip\else\leftskip\fi \cftsubsubsecindent\relax
15120     \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15121     \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15122     \parindent \cftsubsubsecindent\relax\@afterindenttrue

```

```

15123 \interlinepenalty\@M
15124 \leavevmode
15125 \@tempdima \cftsubsubsecnumwidth\relax
15126 \let\@cftbsnum \cftsubsubsecpresnum
15127 \let\@cftasnum \cftsubsubsecaftersnum
15128 \let\@cftasnumb \cftsubsubsecaftersnumb
15129 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15130 {\cftsubsubsecfont #1}\nobreak
15131 \cftsubsubsecfillnum{#2}}
15132 \fi}
15133 \renewcommand*{\l@paragraph}[2]{%
15134 \ifnum \c@tocdepth >3\relax
15135 \vskip \cftbeforeparaskip
15136 {\if@RTL\rightskip\else\leftskip\fi \cftparaindent\relax
15137 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15138 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15139 \parindent \cftparaindent\relax\@afterindenttrue
15140 \interlinepenalty\@M
15141 \leavevmode
15142 \@tempdima \cftparanumwidth\relax
15143 \let\@cftbsnum \cftparapresnum
15144 \let\@cftasnum \cftparaaftersnum
15145 \let\@cftasnumb \cftparaaftersnumb
15146 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15147 {\cftparafont #1}\nobreak
15148 \cftparafillnum{#2}}
15149 \fi}
15150 \renewcommand*{\l@subparagraph}[2]{%
15151 \ifnum \c@tocdepth >4\relax
15152 \vskip \cftbeforesubparaskip
15153 {\if@RTL\rightskip\else\leftskip\fi \cftsubparaindent\relax
15154 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15155 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15156 \parindent \cftsubparaindent\relax\@afterindenttrue
15157 \interlinepenalty\@M
15158 \leavevmode
15159 \@tempdima \cftsubparanumwidth\relax
15160 \let\@cftbsnum \cftsubparapresnum
15161 \let\@cftasnum \cftsubparaaftersnum
15162 \let\@cftasnumb \cftsubparaaftersnumb
15163 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15164 {\cftsubparafont #1}\nobreak
15165 \cftsubparafillnum{#2}}
15166 \fi}
15167 \renewcommand*{\l@figure}[2]{%
15168 \ifnum \c@lofdepth >\z@
15169 \vskip \cftbeforefigskip
15170 {\if@RTL\rightskip\else\leftskip\fi \cftfigindent\relax
15171 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15172 \parfillskip -\if@RTL\leftskip\else\rightskip\fi

```



```

15173 \parindent \cftfigindent\relax\@afterindenttrue
15174 \interlinepenalty\@M
15175 \leavevmode
15176 \@tempdima \cftfignumwidth\relax
15177 \let\@cftbsnum \cftfigpresnum
15178 \let\@cftasnum \cftfigaftersnum
15179 \let\@cftasnumb \cftfigaftersnumb
15180 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15181 {\cftfigfont #1}\nobreak
15182 \cftfigfillnum{#2}}
15183 \fi
15184 }
15185 \renewcommand*{\l@table}[2]{%
15186 \ifnum\c@lotdepth >\z@
15187 \vskip \cftbeforetabskip
15188 {\if@RTL\rightskip\else\leftskip\fi \cfttabindent\relax
15189 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15190 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15191 \parindent \cfttabindent\relax\@afterindenttrue
15192 \interlinepenalty\@M
15193 \leavevmode
15194 \@tempdima \cfttabnumwidth\relax
15195 \let\@cftbsnum \cfttabpresnum
15196 \let\@cftasnum \cfttabaftersnum
15197 \let\@cftasnumb \cfttabaftersnumb
15198 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15199 {\cfttabfont #1}\nobreak
15200 \cfttabfillnum{#2}}
15201 \fi
15202 }
15203 \renewcommand{\cftl@subfig}{
15204 \renewcommand*{\l@subfigure}[2]{%
15205 \ifnum \c@lofdepth > \toclevel@subfigure
15206 \vskip \cftbeforesubfigskip
15207 {\if@RTL\rightskip\else\leftskip\fi \cftsubfigindent\relax
15208 \if@RTL\leftskip\else\rightskip\fi \@tocrmarg
15209 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15210 \parindent \cftsubfigindent\relax\@afterindenttrue
15211 \interlinepenalty\@M
15212 \leavevmode
15213 \@tempdima \cftsubfignumwidth\relax
15214 \let\@cftbsnum \cftsubfigpresnum
15215 \let\@cftasnum \cftsubfigaftersnum
15216 \let\@cftasnumb \cftsubfigaftersnumb
15217 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\right
15218 {\cftsubfigfont ##1}\nobreak
15219 \cftsubfigfillnum{##2}}
15220 \fi
15221 }
15222 }

```

```

15223 \renewcommand{\@cftl@subtab}{
15224 \renewcommand*{\l@subtable}[2]{%
15225   \ifnum \c@lotdepth > \toclevel@subtable
15226     \vskip \cftbeforesubtabskip
15227     {\if@RTL\rightrightskip\else\leftskip\fi \cftsubtabindent\relax
15228     \if@RTL\leftskip\else\rightrightskip\fi \@tocrmarg
15229     \parfillskip -\if@RTL\leftskip\else\rightrightskip\fi
15230     \parindent \cftsubtabindent\relax\@afterindenttrue
15231     \interlinepenalty\@M
15232     \leavevmode
15233     \@tempdima \cftsubtabnumwidth\relax
15234     \let\@cftbsnum \cftsubtabpresnum
15235     \let\@cftasnum \cftsubtabaftersnum
15236     \let\@cftasnumb \cftsubtabaftersnumb
15237     \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightright
15238     {\cftsubtabfont ##1}\nobreak
15239     \cftsubtabfillnum{##2}}
15240   \fi
15241 }
15242 }
15243 \renewcommand{\newlistentry}[4][\@empty]{%
15244   \ifundefined{c@#2}{%      check & set the counter
15245     \ifx \@empty#1\relax
15246       \newcounter{#2}
15247     \else
15248       \ifundefined{c@#1}{\PackageWarning{tocloft}%
15249         {#1 has no counter for use as a 'within'}
15250         \newcounter{#2}}%
15251       {\newcounter{#2}[#1]%
15252       \expandafter\edef\csname the#2\endcsname{%
15253         \expandafter\noexpand\csname the#1\endcsname\@SepMark\noexpand\arabic{#2}}}}
15254   \fi
15255   \setcounter{#2}{0}
15256 }
15257 {\PackageError{tocloft}{#2 has been previously defined}{\@eha}}
15258
15259 \@namedef{l@#2}##1##2{%
15260   \ifnum \@nameuse{c@#3depth} > #4\relax
15261     \vskip \@nameuse{cftbefore#2skip}
15262     {\if@RTL\rightrightskip\else\leftskip\fi \@nameuse{cft#2indent}\relax
15263     \if@RTL\leftskip\else\rightrightskip\fi \@tocrmarg
15264     \parfillskip -\if@RTL\leftskip\else\rightrightskip\fi
15265     \parindent \@nameuse{cft#2indent}\relax\@afterindenttrue
15266     \interlinepenalty\@M
15267     \leavevmode
15268     \@tempdima \@nameuse{cft#2numwidth}\relax
15269     \expandafter\let\expandafter\@cftbsnum\csname cft#2presnum\endcsname
15270     \expandafter\let\expandafter\@cftasnum\csname cft#2aftersnum\endcsname
15271     \expandafter\let\expandafter\@cftasnumb\csname cft#2aftersnumb\endcsname
15272     \advance\if@RTL\rightrightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightright

```

```

15273      {\@nameuse{cft#2font}##1}\nobreak
15274      \@nameuse{cft#2fillnum}{##2}}
15275      \fi
15276    } % end of \l@#2
15277
15278    \expandafter\newlength\csname cftbefore#2skip\endcsname
15279      \setlength{\@nameuse{cftbefore#2skip}}{\z@ \@plus .2\p@}
15280    \expandafter\newlength\csname cft#2indent\endcsname
15281    \expandafter\newlength\csname cft#2numwidth\endcsname
15282    \ifcase #4\relax % 0
15283      \setlength{\@nameuse{cft#2indent}}{0em}
15284      \setlength{\@nameuse{cft#2numwidth}}{1.5em}
15285    \or % 1
15286      \setlength{\@nameuse{cft#2indent}}{1.5em}
15287      \setlength{\@nameuse{cft#2numwidth}}{2.3em}
15288    \or % 2
15289      \setlength{\@nameuse{cft#2indent}}{3.8em}
15290      \setlength{\@nameuse{cft#2numwidth}}{3.2em}
15291    \or % 3
15292      \setlength{\@nameuse{cft#2indent}}{7.0em}
15293      \setlength{\@nameuse{cft#2numwidth}}{4.1em}
15294    \else % anything else
15295      \setlength{\@nameuse{cft#2indent}}{10.0em}
15296      \setlength{\@nameuse{cft#2numwidth}}{5.0em}
15297    \fi
15298    \@namedef{cft#2font}{\normalfont}
15299    \@namedef{cft#2presnum}{\}
15300    \@namedef{cft#2aftersnum}{\}
15301    \@namedef{cft#2aftersnumb}{\}
15302    \@namedef{cft#2dotsep}{\cftdotsep}
15303    \@namedef{cft#2leader}{\normalfont\cftdotfill{\@nameuse{cft#2dotsep}}}
15304    \@namedef{cft#2pagefont}{\normalfont}
15305    \@namedef{cft#2afterpnum}{\}
15306    \@namedef{toclevel@#2}{#4}
15307    \@namedef{cft#2fillnum}##1{%
15308      {\@nameuse{cft#2leader}}\nobreak
15309      \hb@xt@{\pnumwidth}{\hfil\@nameuse{cft#2pagefont}##1}\@nameuse{cft#2afterpnum}\par}
15310  } % end \newlistentry
15311 \renewcommand{\cftchapterprecistoc}[1]{\addtocontents{toc}{%
15312   {\if@RTL\rightskip\else\leftskip\fi \cftchapindent\relax
15313    \advance\if@RTL\rightskip\else\leftskip\fi \cftchapnumwidth\relax
15314    \if@RTL\leftskip\else\rightskip\fi \@tocrmarg\relax
15315    \textit{#1}\protect\par}}}

```

7.110 tocstyle-xetex-bidi.def

```

15316 \ProvidesFile{tocstyle-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for tocstyle package]
15317 \renewcommand*{\tocstyle@dottedtocline}[5]{%
15318   \let\numberline\tocstyle@numberline
15319   \ifnum #1>\c@tocdepth \else

```

```

15320 \if@tocstyle@penalties
15321 \begingroup
15322 \@tempcnta 20010
15323 \advance \@tempcnta by -#1
15324 \ifnum \@tempcnta>\lastpenalty
15325 \aftergroup\penalty\aftergroup\@lowpenalty
15326 \fi
15327 \endgroup
15328 \fi
15329 \edef\tocstyledepth{#1}%
15330 \tocstyle@activate@features
15331 \ifx\tocstyle@feature@entryvskip\relax
15332 \vskip \z@ \@plus.2\p@
15333 \else
15334 \addvspace{\tocstyle@feature@entryvskip}%
15335 \fi
15336 {%
15337 \parskip \z@ \parindent \z@ \if@RTL\righskip\else\leftskip\fi \z@ \if@RTL\leftskip\els
15338 \tocstyle@feature@raggedhook
15339 \@tempdima #3\relax
15340 \@tempdimb #2\relax
15341 \typeout{m (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15342 \ifnum #1>\z@\relax
15343 \@tempcnta #1\relax \advance\@tempcnta \m@ne
15344 \ifcsname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15345 \ifcsname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15346 \@tempdimb
15347 \csname tocstyle@skipwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15348 \advance\@tempdimb
15349 \csname tocstyle@numwidth@\tocstyleTOC @\the\@tempcnta\endcsname
15350 \fi
15351 \fi
15352 \fi
15353 \typeout{C (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15354 \ifcsname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname
15355 \ifdim \@tempdimb>
15356 \csname tocstyle@skipwidth@\tocstyleTOC @#1\endcsname\relax
15357 \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15358 @#1\endcsname{\the\@tempdimb}%
15359 \fi
15360 \else
15361 \expandafter\xdef\csname tocstyle@skipwidth@\tocstyleTOC
15362 @#1\endcsname{\the\@tempdimb}%
15363 \fi
15364 \iftocstyle@autolength
15365 \ifcsname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15366 \@tempdimb \csname tocstyle@maxskipwidth@\tocstyleTOC @#1\endcsname
15367 \relax
15368 \fi
15369 \ifcsname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname

```

```

15370         \@tempdima \csname tocstyle@maxnumwidth@\tocstyleTOC @#1\endcsname
15371         \relax
15372     \fi
15373     \typeout{a (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15374     \typeout{A (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15375 \else
15376     \@tempdimb #2\relax
15377     \typeout{M (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15378 \fi
15379 \ifcsname tocstyle@unumwidth@\tocstyleTOC @\endcsname
15380     \ifdim \@tempdima>
15381         \csname tocstyle@unumwidth@\tocstyleTOC @\endcsname\relax
15382         \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
15383             @\endcsname{\the\@tempdima}%
15384     \fi
15385 \else
15386     \expandafter\xdef\csname tocstyle@unumwidth@\tocstyleTOC
15387         @\endcsname{\the\@tempdima}%
15388 \fi
15389 \ifcase\tocstyle@indentstyle\relax\else
15390     \@tempdimb \z@
15391     \ifcsname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15392         \@tempdima \csname tocstyle@maxunumwidth@\tocstyleTOC @\endcsname
15393         \relax
15394     \fi
15395     \typeout{s (\tocstyleTOC, \tocstyledepth): \the\@tempdima}%
15396     \typeout{S (\tocstyleTOC, \tocstyledepth): \the\@tempdimb}%
15397 \fi
15398 \advance\parindent \@tempdimb\@afterindenttrue
15399 \advance\if@RTL\rightskip\else\leftskip\fi \parindent
15400 \advance\if@RTL\leftskip\else\rightskip\fi \tocrmarg
15401 \parfillskip -\if@RTL\leftskip\else\rightskip\fi
15402 \ifx\tocstyle@feature@parfillskip\relax\else
15403     \advance\parfillskip \tocstyle@feature@parfillskip\relax
15404 \fi
15405 \interlinepenalty\@M
15406 \leavevmode
15407 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima
15408 \null\nobreak
15409 \iftocstyle@indentnotnumbered\else
15410     \hskip -\if@RTL\rightskip\else\leftskip\fi
15411 \fi
15412 \tocstyle@feature@entryhook
15413 {#4}\nobreak
15414 \ifx\tocstyle@feature@leaders\relax
15415     \leaders\hbox{$\m@th
15416         \mkern \dotsep mu\hbox{\tocstyle@feature@dothook .}%
15417         \mkern \dotsep mu$}\hfill
15418 \else
15419     \tocstyle@feature@leaders

```

```

15420 \fi
15421 \nobreak
15422 \ifx\tocstyle@feature@pagenumberbox\relax
15423 \hb@xt@{\pnumwidth}{\hfil\tocstyle@feature@pagenumberhook #5}%
15424 \else
15425 \tocstyle@feature@pagenumberbox{\tocstyle@feature@pagenumberhook #5}%
15426 \fi
15427 \par
15428 }%
15429 \if@tocstyle@penalties
15430 \bgroup
15431 \@tempcnta 20009
15432 \advance\@tempcnta by -#1
15433 \edef\reserved@a{\egroup\penalty\the\@tempcnta\relax}%
15434 \reserved@a
15435 \fi
15436 \fi}
15437 \renewcommand*{\tocstyle@numberline}[1]{%
15438 \beginngroup
15439 \ifx\tocstyle@feature@spaceafternumber\relax
15440 \settowidth\@tempdima{\tocstyle@@numberline{#1}\enskip}%
15441 \else
15442 \settowidth\@tempdima{\tocstyle@@numberline{#1}}%
15443 \advance \@tempdima \tocstyle@feature@spaceafternumber\relax
15444 \fi
15445 \ifcsname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname
15446 \ifdim \@tempdima >
15447 \csname tocstyle@numwidth@\tocstyleTOC @\tocstyledepth\endcsname\relax
15448 \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
15449 @\tocstyledepth\endcsname{\the\@tempdima}%
15450 \fi
15451 \else
15452 \expandafter\xdef\csname tocstyle@numwidth@\tocstyleTOC
15453 @\tocstyledepth\endcsname{\the\@tempdima}%
15454 \fi
15455 \endgroup
15456 \iftocstyle@indentnotnumbered
15457 \hskip -\if@RTL\righskip\else\leftskip\fi
15458 \fi
15459 \ifcase \tocstyle@indentstyle
15460 \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
15461 \or
15462 \hb@xt@\@tempdima{\tocstyle@@numberline{#1}\hfil}%
15463 \else
15464 \ifx\tocstyle@feature@spaceafternumber\relax
15465 \hbox{\tocstyle@@numberline{#1}\enskip}%
15466 \else
15467 \hbox{\tocstyle@@numberline{#1}\hskip
15468 \tocstyle@feature@spaceafternumber\relax}%
15469 \fi

```

```

15470 \fi
15471 }
15472 \AtBeginDocument{%
15473 \ifcsname l@part\endcsname
15474 \ifcsname l@chapter\endcsname
15475 \setbox\@tempboxa\vbox{\hsize\maxdimen
15476 \l@part{\tocstyle@l@define{part}{-1}}{}}}%
15477 \else
15478 \setbox\@tempboxa\vbox{\hsize\maxdimen
15479 \l@part{\tocstyle@l@define{part}{0}}{}}}%
15480 \fi
15481 \fi
15482 \ifcsname l@chapter\endcsname
15483 \setbox\@tempboxa\vbox{\hsize\maxdimen
15484 \l@chapter{\tocstyle@l@define{chapter}{0}}{}}}%
15485 \fi
15486 \ifcsname l@section\endcsname
15487 \setbox\@tempboxa\vbox{\hsize\maxdimen
15488 \l@section{\tocstyle@l@define{section}{1}}{}}}%
15489 \fi
15490 \ifcsname l@subsection\endcsname
15491 \setbox\@tempboxa\vbox{\hsize\maxdimen
15492 \l@subsection{\tocstyle@l@define{subsection}{2}}{}}}%
15493 \fi
15494 \ifcsname l@subsubsection\endcsname
15495 \setbox\@tempboxa\vbox{\hsize\maxdimen
15496 \l@subsubsection{\tocstyle@l@define{subsubsection}{3}}{}}}%
15497 \fi
15498 \ifcsname l@paragraph\endcsname
15499 \setbox\@tempboxa\vbox{\hsize\maxdimen
15500 \l@paragraph{\tocstyle@l@define{paragraph}{4}}{}}}%
15501 \fi
15502 \ifcsname l@subparagraph\endcsname
15503 \setbox\@tempboxa\vbox{\hsize\maxdimen
15504 \l@subparagraph{\tocstyle@l@define{subparagraph}{5}}{}}}%
15505 \fi
15506 \ifcsname l@table\endcsname
15507 \setbox\@tempboxa\vbox{\hsize\maxdimen
15508 \l@table{\tocstyle@l@define{table}{1}}{}}}%
15509 \fi
15510 \ifcsname l@figure\endcsname
15511 \setbox\@tempboxa\vbox{\hsize\maxdimen
15512 \l@figure{\tocstyle@l@define{figure}{1}}{}}}%
15513 \fi
15514 \def\@tempa#1#2#3#4#5{%
15515 \ifnum #1>\c@tocdepth \else
15516 \vskip \z@ \@plus.2\p@
15517 {\if@RTL\rightskip\else\leftskip\fi #2\relax \if@RTL\leftskip\else\rightskip\fi \@tocrm
15518 \parindent #2\relax\@afterindenttrue
15519 \interlinepenalty\@M

```

```

15520 \leavevmode
15521 \@tempdima #3\relax
15522 \advance\if@RTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\if@RTL\rightskip
15523 {#4}\nobreak
15524 \leaders\hbox{$\m@th
15525 \mkern \dotsep mu\hbox{.}\mkern \dotsep
15526 mu$}\hfill
15527 \nobreak
15528 \hb@xt@\@pnumwidth{\hfil \normalfont \normalcolor #5}}%
15529 \par}%
15530 \fi}%
15531 \ifx\@dottedtocline\@tempa\else
15532 \tocstyle@macrochangewarning\@dottedtocline
15533 \fi
15534 \let\tocstyle@saved@dottedtocline\@dottedtocline
15535 \def\@tempa#1{\hb@xt@\@tempdima{#1\autodot\hfil}}%
15536 \ifx\numberline\@tempa\else
15537 \def\@tempa#1{\hb@xt@\@tempdima{#1\hfil}}%
15538 \ifx\numberline\@tempa\else
15539 \tocstyle@macrochangewarning\numberline
15540 \fi
15541 \fi
15542 \let\tocstyle@saved\@numberline\numberline
15543 }
15544 \renewcommand*{\tocstyle@l@define}[2]{%
15545 \advance\if@RTL\rightskip\else\leftskip\fi-\@tempdima
15546 \edef\@tempa{%
15547 \noexpand\global\noexpand\let
15548 \expandafter\noexpand\csname tocstyle@saved@l@#1\endcsname
15549 \expandafter\noexpand\csname l@#1\endcsname
15550 \noexpand\gdef
15551 \expandafter\noexpand\csname tocstyle@l@#1\endcsname{%
15552 \noexpand\@dottedtocline{#2}{\the\if@RTL\rightskip\else\leftskip\fi}{\the\@tempdima}}%
15553 \noexpand\g@addto@macro\noexpand\tocstyle@activate@all@l{%
15554 \noexpand\let\expandafter\noexpand\csname l@#1\endcsname
15555 \expandafter\noexpand\csname tocstyle@l@#1\endcsname
15556 }%
15557 }%
15558 \PackageInfo{tocstyle}{prepare \expandafter\string
15559 \csname l@#1\endcsname\space for redefinition}%
15560 \@tempa
15561 }

```

7.111 wrapfig-xetex-bidi.def

```

15562 \ProvidesFile{wrapfig-xetex-bidi.def}[2014/04/23 v0.3 bidi adaptations for wrapfig package for xetex]
15563 \let\WF@everypar\bidi@n@everypar
15564 \def\WF@putfigmaybef{%
15565 \ifinner
15566 \vskip-\parskip \global\WF@floatfalse

```



```

15567 \let\pagetotal\maxdimen % kludge flag for "not top of page"
15568 \else % outer page
15569 \@tempdima\pagedepth % save page depth
15570 {\advance\parskip\@tempdima\if@RTL\advance\parskip\baselineskip\fi\vskip-\parskip}% back u
15571 \penalty\interlinepenalty % update pg. parameters
15572 \@tempdimb\pagegoal \advance\@tempdimb-\pagetotal % room left on page
15573 \ifdim\@tempdimb<\z@ % \WF@info{Page overfull already;}%
15574 \global\WF@floatfalse
15575 \ifdim-\@tempdimb>\pageshrink \else \pagebreak \fi
15576 \else
15577 \ifdim\WF@size>\@tempdimb
15578 \ifWF@float \dimen@.5\baselineskip \else \dimen@ 2\baselineskip\fi
15579 \ifdim\pagestretch>\dimen@ \dimen@\pagestretch \fi
15580 \ifdim\pagefilstretch>\z@ \dimen@\@tempdimb \fi
15581 \ifdim\pagefillstretch>\z@ \dimen@\@tempdimb \fi
15582 \advance\dimen@.5\baselineskip
15583 \ifdim\dimen@>\@tempdimb % \WF@info{Page nearly full; can stretch}%
15584 \global\WF@floatfalse \pagebreak
15585 \fi
15586 \else % \WF@info{Fits in \the\@tempdimb;}%
15587 \global\WF@floatfalse
15588 \fi\fi
15589 \vskip\@tempdima\relax % (return erased page depth)
15590 \fi
15591 \noindent
15592 \ifWF@float
15593 \WF@fltmes
15594 \else % putting here;
15595 \WF@info{Put \WF@wfname here:}%
15596 {\ifodd\if@twoside\c@page\else\@ne\fi % assign l/r to i/o placement
15597 \lccode'i'\lccode'o'r\else \lccode'i'r\lccode'o'l\fi
15598 \xdef\WF@place{\the\lccode\lccode\WF@place}}% twice to get only l or r
15599 \hbox to\z@{% llap or rlap depending on {l} or {r}; calc effective width
15600 \@tempdima\wd\WF@box \@tempdimb\WF@ovh
15601 \advance\@tempdima-\@tempdimb \advance\@tempdima\columnsep
15602 \@tempdimb\hsize \advance\@tempdimb-\@tempdima
15603 \xdef\WF@adjlw{\the\@tempdima}%
15604 \ifnum 'l=\WF@place % fig on left
15605 \if@RTL%
15606 \kern\@tempdimb \kern\columnsep
15607 \def\@tempa{\hss}% position to left of the gap
15608 \else%
15609 \hss % figure overlaps space to the left
15610 \def\@tempa{\kern\columnsep}% position to left of the gap
15611 \fi%
15612 \else % fig on right
15613 \if@RTL%
15614 \hss
15615 \@tempdima\z@
15616 \def\@tempa{\kern\columnsep}

```

```

15617 \else%
15618 \@tempdima\z@ % no left indentation
15619 \kern\@tempdimb \kern\columnsep
15620 \def\@tempa{\hss}% figure overlaps space to the right
15621 \fi%
15622 \fi
15623 \ifdim\@tempdimb<\hsize
15624 \xdef\WF@wrapil{\the\@tempdima \the\@tempdimb}% indentation and length
15625 \xdef\WF@adjtlm{\the\@tempdima}%
15626 \else
15627 \xdef\WF@wrapil{\z@ \the\hsize}%
15628 \xdef\WF@adjlw{\z@}\xdef\WF@adjtlm{\z@}%
15629 \fi
15630 \ifdim\pagetotal=\z@ % \WF@info{Put \WF@wfname at top of p.\thepage}%
15631 \global\advance\WF@size-\intextsep
15632 \else % \WF@info{Putting \WF@wfname in middle of page}%
15633 \setbox\WF@box\hbox{\lower\intextsep\box\WF@box}%
15634 \fi \dp\WF@box\z@ \box\WF@box \@tempa
15635 }% end \hbox to 0pt
15636 \aftergroup\WF@startwrapping % after the \endgroup which immediately follows
15637 \fi}

```

7.112 xcolor-xetex-bidi.def

```

15638 \ProvidesFile{xcolor-xetex-bidi.def}[2013/04/08 v0.2 bidi adaptations for xcolor package for
15639 \long\def\color@b@x#1#2#3%
15640 {\leavevmode\ifmmode\else\ifRTL\beginL\fi\fi
15641 \setbox\z@\hbox{\kern\fbboxsep\set@color\ifRTL\beginR\fi#3\ifRTL\endR\fi}\kern\fbboxsep}%
15642 \dimen@ht\z@\advance\dimen@\fbboxsep\ht\z@\dimen@
15643 \dimen@dp\z@\advance\dimen@\fbboxsep\dp\z@\dimen@
15644 {\#1{\#2\color@block{\wd\z@}{\ht\z@}{\dp\z@}\box\z@}}\ifmmode\else\ifRTL\endL\fi\fi}
15645 \def\normalcolor{\let\current@color\default@color\ifhmode\ifRTL\beginL\aftergroup\endR\fi\fi}
15646 \DeclareRobustCommand\color
15647 {\ifhmode\ifRTL\beginL\aftergroup\endR\fi\fi\@ifnextchar[\@undeclaredcolor\@declaredcolor]}
15648 \def\@undeclaredcolor[#1]#2%
15649 {\begingroup
15650 \let\@ccls\@empty
15651 \XC@getmodclr12{#1}{#2}{}%
15652 {\ifblendcolors
15653 \ifx\colorblend\@empty\else
15654 \edef\@mix{\expandafter\@gobble\colorblend}\@tempswafalse
15655 \XC@coremodel\@mod\@clr\@xcolor@{}{}\@mod\@clr
15656 \fi
15657 \fi
15658 \ifconvertcolorsU
15659 \edef\@tmp{\XC@tgtmod{\@mod}}%
15660 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
15661 \fi
15662 \ifmaskcolors
15663 \convertcolorspec\@mod\@clr\XC@mmod\@clr

```

```

15664 \let\@mod\XC@mmod
15665 \XC@inflate\@mod\XC@mclr\@clr\@tmp
15666 \expandafter\XC@mul\@tmp,\@clr
15667 \fi
15668 \edef\@tmp{\noexpand\XC@undeclaredcolor{\@mod}{\@clr}}%
15669 \expandafter\endgroup\@tmp}}
15670 \def\@declaredcolor#1%
15671 {\XC@edef\XC@tmp{#1}\XC@tstfalse
15672 \ifcase\XC@type\XC@tmp\relax \XC@tsttrue\or \relax\else
15673 \ifblendcolors\XC@tsttrue\fi \ifmaskcolors\XC@tsttrue\fi
15674 \ifconvertcolorsU\XC@tsttrue\fi
15675 \fi
15676 \ifXC@tst
15677 \expandafter\XC@declaredcolor\else
15678 \expandafter\XC@declaredcolor\fi}
15679 \def\XC@undeclaredcolor#1#2%
15680 {\@ifundefinedmodel{#1}%
15681 {\c@lor@error{model ' #1' }}%
15682 {\@nameuse{color@#1}\current@color{#2}}%
15683 \edef\XC@current@color{\noexpand\xcolor@{\current@color}{#1}{#2}}%
15684 \XC@display}\ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
15685 \def\XC@declaredcolor
15686 {\XC@let\Nc\XC@current@color{\string\color@\XC@tmp}%
15687 \edef\current@color{\XC@current@color}%
15688 \XC@display\ifhmode\if@RTL\beginR\aftergroup\endL\fi\fi\ignorespaces}
15689 \DeclareRobustCommand\bidicolor
15690 {\@ifnextchar[\@bidiundeclaredcolor\@bidideclaredcolor}
15691 \def\@bidiundeclaredcolor[#1]#2%
15692 {\beginR
15693 \let\@cls\@empty
15694 \XC@getmodclr12{#1}{#2}{}%
15695 {\ifblendcolors
15696 \ifx\colorblend\@empty\else
15697 \edef\@mix{\expandafter\@gobble\colorblend}\@tempwafalse
15698 \XC@coremodel\@mod\@clr\xcolor@{\}\@mod\@clr
15699 \fi
15700 \fi
15701 \ifconvertcolorsU
15702 \edef\@tmp{\XC@tgtmod{\@mod}}%
15703 \convertcolorspec\@mod\@clr\@tmp\@clr \let\@mod\@tmp
15704 \fi
15705 \ifmaskcolors
15706 \convertcolorspec\@mod\@clr\XC@mmod\@clr
15707 \let\@mod\XC@mmod
15708 \XC@inflate\@mod\XC@mclr\@clr\@tmp
15709 \expandafter\XC@mul\@tmp,\@clr
15710 \fi
15711 \edef\@tmp{\noexpand\XC@bidiundeclaredcolor{\@mod}{\@clr}}%
15712 \expandafter\endgroup\@tmp}}
15713 \def\XC@bidiundeclaredcolor#1#2%

```

```

15714 {\ifundefinedmodel{#1}%
15715   {\color@error{model ' #1'}}%
15716   {\@nameuse{color@#1}\current@color{#2}%
15717     \edef\XC@current@color{\noexpand\xcolor@{}{\current@color}{#1}{#2}}%
15718     \XC@display}}
15719 \def\@bidideclaredcolor#1%
15720 {\XC@edef\XC@@tmp{#1}\XC@@tstfalse
15721  \ifcase\XC@type\XC@@tmp\relax \XC@@tsttrue\or \relax\else
15722    \ifblendcolors\XC@@tsttrue\fi \ifmaskcolors\XC@@tsttrue\fi
15723    \ifconvertcolorsU\XC@@tsttrue\fi
15724  \fi
15725  \ifXC@@tst
15726    \expandafter\XC@bidideclaredcolor\else
15727    \expandafter\XC@bidideclaredcolor\fi}
15728 \def\XC@bidideclaredcolor
15729 {\XC@split\XC@@tmp
15730  \edef\@tmp{\noexpand\@bidiundeclaredcolor[\@mod]{\@clr}}%
15731  \expandafter\endgroup\@tmp}
15732 \def\XC@bidideclaredcolor
15733 {\XC@let\Nc\XC@current@color{\string\color@\XC@@tmp}%
15734  \edef\current@color{\XC@current@color}%
15735  \XC@display}
15736 \def\color@box#1#2{\color@b@x\relax{\bidicolor#1{#2}}}
15737 \def\color@fbbox#1#2#3{\protect\color@fb@x{#1}{#2}{#3}}
15738 \def\color@fb@x#1#2#3#4%
15739   {\color@b@x{\fbboxsep\z@\bidicolor#1{#2}\XC@fbbox}%
15740   {\@ifxempty{#3}{\bidicolor#1}{\bidicolor#3}{#4}}}
15741 \def\color@setgroup{\begingroup\ifhmode\if@RTL\beginL\aftergroup\endR\fi\fi\setcolor\ifhmode

```

7.113 latex-xetex-bidi.def

```

15742 \ProvidesFile{latex-xetex-bidi.def}[2013/10/10 v1.1.5 bidi adaptations for 'latex.ltx' for X
15743 \newcommand{\TeXXeTOn}{\TeXXeTstate=1 }
15744 \newcommand{\TeXXeTOff}{\TeXXeTstate=0 }
15745 \TeXXeTOn
15746 \def\ bidi@RTL@everypar{\if@RTL{\setbox\z@\lastbox\beginR\ifvoid\z@\else\usebox\z@\fi}\fi}
15747 \let\ bidi@o@everypar=\everypar
15748 \newtoks\ bidi@n@everypar
15749 \ bidi@n@everypar\expandafter{\the\ bidi@o@everypar}
15750 \ bidi@o@everypar{\ bidi@RTL@everypar\the\ bidi@n@everypar}
15751 \let\ everypar=\ bidi@n@everypar
15752 \def\ moreLRE{\bracetext \aftergroup\endL \beginL\@RTLfalse}
15753 \def\ moreRLE{\bracetext \aftergroup\endR \beginR\@RTLtrue}
15754 \protected\def\ hboxR{\hbox\bgroup
15755 \everyhbox{%
15756 \aftergroup\egroup
15757 \everyhbox{}}%
15758 \beginR
15759 \bgroup
15760 \aftergroup\endR

```

```

15761 \aftergroup\egroup
15762 }\hbox}
15763 \protected\def\hboxL{\hbox\bgroup
15764 \everyhbox{%
15765 \aftergroup\egroup
15766 \everyhbox{}}%
15767 \beginL
15768 \bgroup
15769 \aftergroup\endL
15770 \aftergroup\egroup
15771 }\hbox}
15772 \protected\def\vboxR{\vbox\bgroup
15773 \everyvbox{%
15774 \aftergroup\egroup
15775 \everyvbox{}}%
15776 \@RTLtrue
15777 \bgroup
15778 \aftergroup\egroup
15779 }\vbox}
15780 \protected\def\vboxL{\vbox\bgroup
15781 \everyvbox{%
15782 \aftergroup\egroup
15783 \everyvbox{}}%
15784 \@RTLfalse
15785 \bgroup
15786 \aftergroup\egroup
15787 }\vbox}
15788 \def\LTR{\par\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab
15789 \def\endLTR{\par}
15790 \def\RTL{\par\@RTLtrue\@RTL@footnotetrue\hsize\linewidth\parshape\z@}
15791 \def\endRTL{\par}
15792 \def\setRTL{\@RTLtrue\@RTL@footnotetrue}
15793 \def\setLTR{\@RTLfalse\@RTL@footnotefalse\if@bidi@list@minipage@parbox\beginL\else\if@RTLtab
15794 \let\unsetRTL=\setLTR
15795 \let\unsetLTR=\setRTL
15796 \let\LR=\LRE
15797 \let\RL=\RLE
15798 \def\@ensure@RTL#1{\if@RTL#1\else\RLE{#1}\fi}
15799 \def\@ensure@LTR#1{\if@RTL\LRE{#1}\else#1\fi}
15800 \let\@ensure@RL=\@ensure@RTL
15801 \let\@ensure@LR=\@ensure@LTR
15802 \def\@ensure@dir#1{\if@RTL\RLE{#1}\else{#1}\fi}
15803 \let\@ensure@maindir=\@ensure@dir
15804 \def\@RTL{RTL}
15805 \def\@LTR{LTR}
15806 \def\save@dir{\if@RTL\gdef\saved@dir{RTL}\else\gdef\saved@dir{LTR}\fi}
15807 \def\reset@dir{\ifx\saved@dir\@RTL\setRTL\else\ifx\saved@dir\@LTR\setLTR\else\relax\fi}
15808 \let\@TeX\TeX
15809 \def\TeX{\@ensure@LTR{\@TeX}}
15810 \let\@LaTeX\LaTeX

```

```

15811 \def\LaTeX{\@ensure@LTR{\@LaTeX}}
15812 \let\@LaTeXe\LaTeXe
15813 \def\LaTeXe{\@ensure@LTR{\@LaTeXe}}
15814 \long\def\@bidi@reflect@box#1{%
15815   \leavevmode
15816   \setbox\z@\hbox{#{#1}}%
15817   \setbox\tw@\hbox{\special{x:gsave}\special{x:scale -1 1}\rlap{\copy\z@}\special{x:grestore}}
15818   \hb@xt@\wd\z@{\kern\wd\z@\box\tw@\hss}%
15819 }
15820 \def\XeTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
15821   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \TeX}}$}}
15822 \def\XeLaTeX{\LR{\leavevmode$\smash{\hbox{X\lower.5ex
15823   \hbox{\kern-.125em\@bidi@reflect@box{E}}\kern-.1667em \LaTeX}}$}}
15824 \let\setRL=\setRTL
15825 \let\setLR=\setLTR
15826 \let\unsetRL=\setLTR
15827 \def\RTLcases#1{\left.\vcenter{\normalbaselines\m@th
15828   \ialign{##\hfil$&\quad{##}\hfil\crrcr#1\crrcr}}\,,\right\}}
15829 \def\SepMark#1{\gdef\@SepMark{\if@RTL\fi#1\if@RTL\fi}}
15830 \SepMark{.}
15831 \def\@thmcountersep{\@SepMark}
15832 \def\setRTLbibitems{\@RTLbibitemstrue\@LTRbibitemsfalse}
15833 \def\setLTRbibitems{\@LTRbibitemstrue\@RTLbibitemsfalse}
15834 \def\setdefaultbibitems{\@RTLbibitemsfalse\@LTRbibitemsfalse}
15835 \def\list#1#2{%
15836   \ifnum \@listdepth >5\relax
15837     \@toodeep
15838   \else
15839     \global\advance\@listdepth\@ne
15840   \fi
15841   \rightmargin\z@
15842   \listparindent\z@
15843   \itemindent\z@
15844   \csname @list\romannumeral\the\@listdepth\endcsname
15845   \def\@itemlabel{#1}%
15846   \let\makelabel\@mklab
15847   \@nmbrrlistfalse
15848   #2\relax
15849   \@trivlist
15850   \parskip\parsep
15851   \parindent\listparindent
15852   \advance\linewidth -\rightmargin
15853   \advance\linewidth -\leftmargin
15854   \if@bidi@list@minipage@parbox
15855     \if@RTL
15856       \advance\@totalleftmargin \leftmargin
15857     \else
15858       \advance\@totalleftmargin \rightmargin
15859     \fi
15860   \else

```

```

15861 \if@RTLtab
15862 \if@bidi@list@minipage@parbox@not@nob
15863 \if@RTL
15864 \advance\@totalleftmargin \rightmargin
15865 \else
15866 \advance\@totalleftmargin \leftmargin
15867 \fi
15868 \else
15869 \if@RTL
15870 \advance\@totalleftmargin \leftmargin
15871 \else
15872 \advance\@totalleftmargin \rightmargin
15873 \fi\fi
15874 \else
15875 \if@RTL
15876 \advance\@totalleftmargin \rightmargin
15877 \else
15878 \advance\@totalleftmargin \leftmargin
15879 \fi\fi\fi
15880 \parshape \@ne \@totalleftmargin \linewidth
15881 \ignorespaces}
15882 \def\@item[#1]{%
15883 \if@noparitem
15884 \@donoparitem
15885 \else
15886 \if@inlabel
15887 \indent \par
15888 \fi
15889 \ifhmode
15890 \unskip\unskip \par
15891 \fi
15892 \if@newlist
15893 \if@nobreak
15894 \@nbitem
15895 \else
15896 \addpenalty\@beginparpenalty
15897 \addvspace\@topsep
15898 \addvspace{-\parskip}%
15899 \fi
15900 \else
15901 \addpenalty\@itempenalty
15902 \addvspace\itemsep
15903 \fi
15904 \global\@inlabeltrue
15905 \fi
15906 \everypar{\if@bidi@list@minipage@parbox\if@RTL\else\beginL\fi\else\if@RTLtab\if@RTL\else\beginR\fi\fi}
15907 \@minipagefalse
15908 \global\@newlistfalse
15909 \if@inlabel
15910 \global\@inlabelfalse

```

```

15911      {\setbox\z@\lastbox
15912      \ifvoid\z@
15913      \kern-\itemindent
15914      \fi}%
15915      \box\@labels
15916      \penalty\z@
15917  \fi
15918  \if@nobreak
15919      \@nobreakfalse
15920      \clubpenalty \@M
15921  \else
15922      \clubpenalty \@clubpenalty
15923      \everypar{}\%
15924  \fi}%
15925  \if@noitemarg
15926      \@noitemargfalse
15927      \if@nmbbrlist
15928          \refstepcounter\@listctr
15929      \fi
15930  \fi
15931  \sbox\@tempboxa{\makelabel{#1}}%
15932  \global\setbox\@labels\hbox{%
15933      \unhbox\@labels
15934      \hskip \itemindent
15935      \hskip -\labelwidth
15936      \hskip -\labelsep
15937      \ifdim \wd\@tempboxa >\labelwidth
15938          \box\@tempboxa
15939      \else
15940          \hbox to\labelwidth {\unhbox\@tempboxa}%
15941      \fi
15942      \hskip \labelsep}%
15943  \ignorespaces}
15944  \long\def\@iiiiparbox#1#2[#3]#4#5{%
15945      \leavevmode
15946      \@pboxswfalse
15947      \if@RTLtab\@bidi@list@minipage@parbox@not@nobtrue\fi
15948      \if@RTL\if#1t\@bidi@list@minipage@parboxtrue\else\if#1b\@bidi@list@minipage@parboxtrue\fi\fi
15949      \setlength\@tempdima{#4}%
15950      \@begin@tempboxa\vbox{\hsize\@tempdima\@parboxrestore#5\@@par}%
15951      \ifx\relax#2\else
15952          \setlength\@tempdimb{#2}%
15953          \edef\@parboxto{to\the\@tempdimb}%
15954      \fi
15955      \if#1b\vbox
15956      \else\if #1t\vtop
15957      \else\ifmmode\vcenter
15958      \else\@pboxswtrue $\vcenter
15959      \fi\fi\fi
15960      \@parboxto{\let\hss\vss\let\unhbox\unvbox

```



```

15961         \csname bm@#3\endcsname}%
15962     \if@pboxsw \m@th$\fi
15963     \@end@tempboxa}
15964 \newenvironment{LTRitems}
15965     {\par\@RTLfalse
15966     \if@bidi@list@minipage@parbox
15967     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
15968     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15969     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
15970     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15971     \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15972     \ignorespaces}{\vskip\z@}
15973 \newenvironment{RTLitems}
15974     {\par\@RTLtrue
15975     \if@bidi@list@minipage@parbox
15976     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
15977     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15978     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
15979     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15980     \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15981     \ignorespaces}{\vskip\z@}
15982 \newenvironment{LTRbibitems}
15983     {\par\@RTLfalse
15984     \if@bidi@list@minipage@parbox
15985     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth
15986     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15987     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\else
15988     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15989     \else \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15990     \ignorespaces}{\vskip\z@}
15991 \newenvironment{RTLbibitems}
15992     {\par\@RTLtrue
15993     \if@bidi@list@minipage@parbox
15994     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth
15995     \else \if@RTLtab\if@bidi@list@minipage@parbox@not@nob
15996     \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\else
15997     \parshape \@ne \dimexpr(\@totalleftmargin+\leftmargin) \linewidth\fi
15998     \else \parshape \@ne \dimexpr(\@totalleftmargin-\leftmargin) \linewidth\fi
15999     \ignorespaces}{\vskip\z@}
16000 \def\raggedright{%
16001     \let\\\@centercr
16002     \rightskip\z@skip\rightskip\@flushglue
16003     \parindent\z@\parfillskip\z@skip}
16004 \let\@bidi@orig@raggedleft\raggedleft
16005 \let\@bidi@orig@raggedright\raggedright
16006 \renewcommand\raggedleft{\if@bidi@list@minipage@parbox\@bidi@orig@raggedright\else\if@RTLtab\@bidi@orig@raggedleft\fi}
16007 \renewcommand\raggedright{\if@bidi@list@minipage@parbox\@bidi@orig@raggedleft\else\if@RTLtab\@bidi@orig@raggedright\fi}
16008 \newcommand{\bidi@raggedright}{\if@RTL\raggedleft\else\raggedright\fi}
16009 \newcommand{\bidi@raggedleft}{\if@RTL\raggedright\else\raggedleft\fi}
16010 \def\centerline#1{%

```

```

16011 \if@RTL\@line{\hss\beginR#1\endR\hss}
16012 \else\@line{\hss#1\hss}\fi}
16013 \def\leftline#1{%
16014 \if@RTL\@line{\beginR#1\endR\hss}
16015 \else\@line{#1\hss}\fi}
16016 \def\rightline#1{%
16017 \if@RTL\@line{\hss\beginR#1\endR}
16018 \else\@line{\hss#1}\fi}
16019 \let\bidiorig@leftline\leftline
16020 \let\bidiorig@rightline\rightline
16021 \def\leftline#1{\ifhmode\if@RTL\bidiorig@rightline{#1}\else\bidiorig@leftline{#1}\fi\else\fi}
16022 \def\rightline#1{\ifhmode\if@RTL\bidiorig@leftline{#1}\else\bidiorig@rightline{#1}\fi\else\fi}
16023 \def\bidirlap#1{\hb@xt@{z}{\if@RTL\hss\fi#1\if@RTL\else\hss\fi}}
16024 \def\bidillap#1{\hb@xt@{z}{\if@RTL\else\hss\fi#1\if@RTL\hss\fi}}
16025 \def\@hangfrom#1{\setbox\@tempboxa\hbox{#1}}%
16026 \hangindent \if@RTL-\else\fi\wd\@tempboxa\noindent\box\@tempboxa}
16027 \def\narrower{%
16028 \advance\if@RTL\rightskip\else\leftskip\fi\parindent
16029 \advance\if@RTL\leftskip\else\rightskip\fi\parindent}
16030 \def\underline#1{%
16031 \relax
16032 \ifmmode\@underline{#1}%
16033 \else
16034 \if@RTL $\@underline{\hbox{\beginR#1\endR}}\m@th$\relax
16035 \else
16036 $\@underline{\hbox{#1}}\m@th$\relax\fi\fi}
16037 \if@compatibility
16038 \let\undertext=\underline
16039 \fi
16040 \global\@RTLtabfalse
16041 \def\@tabular{\if@RTL\@RTLtabtrue\fi
16042 \leavevmode \hbox \bgroup \if@RTLtab\beginR \fi
16043 $\let\@acol\@tabacol
16044 \let\@classz\@tabclassz
16045 \let\@classiv\@tabclassiv \let\\\@tabularcr\@tabarray}
16046 \def\endtabular{\crrc\egroup\if@RTLtab\egroup\endR\egroup\fi
16047 \egroup $\if@RTLtab\endR\fi\egroup
16048 \@RTLtabfalse}
16049 \expandafter \let \csname endtabular*\endcsname = \endtabular
16050 \def\@array[#1]#2{%
16051 \if #1t\vtop \else \if#1b\vbox \else \vcenter \fi\fi
16052 \bgroup
16053 \setbox\@arstrutbox\hbox{%
16054 \vrule \@height\arraystretch\ht\strutbox
16055 \@depth\arraystretch \dp\strutbox
16056 \@width{z}}%
16057 \mkpream{#2}%
16058 \edef\@preamble{%
16059 \ialign \noexpand\@halignto
16060 \bgroup \@arstrut \@preamble \tabskip\z@skip \cr}%

```

```

16061 \let\@startpbox\@startpbox \let\@endpbox\@endpbox
16062 \let\tabularnewline\%
16063 \let\par\@empty
16064 \let\@sharp##%
16065 \set@typeset@protect
16066 \lineskip\z@skip\baselineskip\z@skip
16067 \ifhmode \@preamerr\z@ \@@par\fi
16068 \ifRTLtab\hbox\bgroup\beginR\vbox\bgroup\fi
16069 \@preamble}
16070 \def\array{\let\@acol\@arrayacol \let\@classz\@arrayclassz
16071 \let\@classiv\@arrayclassiv
16072 \let\\\@arraycr\let\@halignto\@empty\@RTLtabfalse\@tabarray}
16073 \def\@testpach#1{\@chclass \ifnum \@lastchclass=\tw@ 4 \else
16074 \ifnum \@lastchclass=3 5 \else
16075 \z@ \if #1c\@chnum \z@ \else
16076 \if \ifRTLtab#1r\else#1l\fi\@chnum \@ne \else
16077 \if \ifRTLtab#1l\else#1r\fi\@chnum \tw@ \else
16078 \@chclass \if #1|\@ne \else
16079 \if #1@\tw@ \else
16080 \if #1p3 \else \z@ \@preamerr 0\fi
16081 \fi \fi \fi \fi \fi \fi
16082 \fi}
16083 \def\bm@l{\ifRTL\hss\unhbox\@tempboxa\else\unhbox\@tempboxa\hss\fi}
16084 \def\bm@r{\ifRTL\unhbox\@tempboxa\hss\else\hss\unhbox\@tempboxa\fi}
16085 \def\bm@t{\unhbox\@tempboxa\hss}
16086 \def\bm@b{\hss\unhbox\@tempboxa}
16087 \def\@dottedtocline#1#2#3#4#5{%
16088 \ifnum #1>\c@tocdepth \else
16089 \vskip \z@ \@plus.2\p@
16090 {\ifRTL\rightskip\else\leftskip\fi #2\relax \ifRTL\leftskip\else\rightskip\fi \@tocmar
16091 \parindent #2\relax\@afterindenttrue
16092 \interlinepenalty\@M
16093 \leavevmode
16094 \@tempdima #3\relax
16095 \advance\ifRTL\rightskip\else\leftskip\fi \@tempdima \null\nobreak\hskip -\ifRTL\right
16096 {#4}\nobreak
16097 \leaders\hbox{$\m@th
16098 \mkern \@dotsep mu\hbox{.}\mkern \@dotsep
16099 mu$}\hfill
16100 \nobreak
16101 \hb@xt@\@pnumwidth{\hfil\normalfont \normalcolor #5}}%
16102 \par}%
16103 \fi}
16104 \def\RTL@outputdblcol{%
16105 \if@firstcolumn \global\@firstcolumnfalse
16106 \global\setbox\@leftcolumn \box\@outputbox
16107 \else \global\@firstcolumntrue
16108 \setbox\@outputbox \vbox {\hbox to\textwidth {%
16109 \hskip \columnwidth
16110 \hfil \vrule width\columnseprule \hfil

```

```

16111 \hbox to\columnwidth {\box\@leftcolumn \hss}%
16112 \hskip -\textwidth
16113 \hbox to\columnwidth{\box\@outputbox \hss}%
16114 \hskip \columnsep
16115 \hskip \columnwidth }}%
16116 \@combinedblfloats \@outputpage
16117 \begingroup \@dblfloatplacement \@startdblcolumn
16118 \@whilesw\if@fcolmade \fi
16119 {\@outputpage \@startdblcolumn }\endgroup
16120 \fi}
16121 \def\LTR@outputdblcol{%
16122   \if@firstcolumn
16123     \global \@firstcolumnfalse
16124     \global \setbox\@leftcolumn \box\@outputbox
16125   \else
16126     \global \@firstcolumntrue
16127     \setbox\@outputbox \vbox {%
16128       \hb@xt@\textwidth {%
16129         \hb@xt@\columnwidth {%
16130           \box\@leftcolumn \hss}%
16131         \hfil
16132         {\normalcolor\vrule \@width\columnseprule}%
16133         \hfil
16134         \hb@xt@\columnwidth {%
16135           \box\@outputbox \hss}%
16136         }%
16137       }%
16138     \@combinedblfloats
16139     \@outputpage
16140     \begingroup
16141       \@dblfloatplacement
16142       \@startdblcolumn
16143       \@whilesw\if@fcolmade \fi
16144       {\@outputpage
16145         \@startdblcolumn}%
16146     \endgroup
16147   \fi
16148 }
16149 \renewcommand{\@outputdblcol}{\if@RTLmain\RTL@outputdblcol\else\LTR@outputdblcol\fi}
16150 \newcommand{\RTLdblcol}{\renewcommand{\@outputdblcol}{\RTL@outputdblcol}}
16151 \newcommand{\LTRdblcol}{\renewcommand{\@outputdblcol}{\LTR@outputdblcol}}
16152 \def\LTRmarginpar{%
16153   \ifhmode
16154     \@bsphack
16155     \@floatpenalty -\@Mii
16156   \else
16157     \@floatpenalty-\@Miii
16158   \fi
16159   \ifinner
16160     \@parmoderr

```

```

16161 \floatpenalty\z@
16162 \else
16163 \next\@currbox\@freelist{}{}%
16164 \next\@marbox\@freelist{\global\count\@marbox\m@ne}%
16165 {\floatpenalty\z@
16166 \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%
16167 \fi
16168 \ifnextchar [\@LTXmpar\@LTRYmpar}
16169 \long\def\@LTXmpar[#1]#2{%
16170 \LTRsavemarbox\@marbox{#1}%
16171 \LTRsavemarbox\@currbox{#2}%
16172 \xympar}
16173 \long\def\@LTRYmpar#1{%
16174 \LTRsavemarbox\@marbox{#1}%
16175 \global\setbox\@currbox\copy\@marbox
16176 \xympar}
16177 \long\def \LTRsavemarbox #1#2{%
16178 \global\setbox #1%
16179 \color@vbox
16180 \vtop{%
16181 \hsize\marginparwidth
16182 \@parboxrestore
16183 \LTRmarginparreset
16184 #2%
16185 \@minipagefalse
16186 \outer@nobreak
16187 }%
16188 \color@endbox
16189 }
16190 \def \LTRmarginparreset {%
16191 \reset@font
16192 \normalsize
16193 \@minipagetrue
16194 \everypar{\@minipagefalse\everypar{}\beginL}%
16195 }
16196 \def\RTLmarginpar{%
16197 \ifhmode
16198 \@bsphack
16199 \floatpenalty -\@Mii
16200 \else
16201 \floatpenalty-\@Miii
16202 \fi
16203 \ifinner
16204 \@parmoderr
16205 \floatpenalty\z@
16206 \else
16207 \next\@currbox\@freelist{}{}%
16208 \next\@marbox\@freelist{\global\count\@marbox\m@ne}%
16209 {\floatpenalty\z@
16210 \fltovf\def\@currbox{\@tempboxa}\def\@marbox{\@tempboxa}}%

```

```

16211 \fi
16212 \ifnextchar [\@RTLxmpar\@RTLympar}
16213 \long\def\@RTLxmpar[#1]#2{%
16214 \@RTLSavemarbox\@marbox{#1}%
16215 \@RTLSavemarbox\@currbox{#2}%
16216 \@xympar}
16217 \long\def\@RTLympar#1{%
16218 \@RTLSavemarbox\@marbox{#1}%
16219 \global\setbox\@currbox\copy\@marbox
16220 \@xympar}
16221 \long\def \@RTLSavemarbox #1#2{%
16222 \global\setbox #1%
16223 \color@vbox
16224 \vtop{%
16225 \hsize\marginparwidth
16226 \@parboxrestore
16227 \@RTLmarginparreset
16228 #2%
16229 \@minipagefalse
16230 \outer@nobreak
16231 }%
16232 \color@endbox
16233 }
16234 \def \@RTLmarginparreset {%
16235 \reset@font
16236 \normalsize
16237 \@minipagetrue
16238 \everypar{\@minipagefalse\everypar{}\beginR}%
16239 }
16240 \def\@addmarginpar{\@next\@marbox\@currlist{\@cons\@freelist\@marbox
16241 \@cons\@freelist\@currbox}\@latexbug\@tempcnta\@ne
16242 \if@twocolumn
16243 \if@firstcolumn \@tempcnta\m@ne \fi
16244 \else
16245 \if@mparswitch
16246 \ifodd\c@page \else\@tempcnta\m@ne \fi
16247 \fi
16248 \if@reversemargin \@tempcnta -\@tempcnta \fi
16249 \fi
16250 \ifnum\@tempcnta <\z@ \global\setbox\@marbox\box\@currbox \fi
16251 \@tempdima\@mparbottom
16252 \advance\@tempdima -\@pageht
16253 \advance\@tempdima\ht\@marbox
16254 \ifdim\@tempdima >\z@
16255 \@latex@warning@no@line {Marginpar on page \thepage\space moved}%
16256 \else
16257 \@tempdima\z@
16258 \fi
16259 \global\@mparbottom\@pageht
16260 \global\advance\@mparbottom\@tempdima

```

```

16261 \global\advance\@mparbottom\dp\@marbox
16262 \global\advance\@mparbottom\marginparpush
16263 \advance\@tempdima -\ht\@marbox
16264 \global\setbox \@marbox
16265 \vbox {\vskip \@tempdima
16266 \box \@marbox}%
16267 \global \ht\@marbox \z@
16268 \global \dp\@marbox \z@
16269 \kern -\@pagedp
16270 \nointerlineskip
16271 \hb@xt@\columnwidth
16272 {\if@RTL\if@LTRmarginpar\beginL\else\beginR\fi\else\if@RTLmarginpar\beginR\else\beginL\fi
16273 \hskip\columnwidth \hskip\marginparsep
16274 \else
16275 \hskip -\marginparsep \hskip -\marginparwidth
16276 \fi
16277 \box\@marbox \hss\if@RTL\if@LTRmarginpar\endL\else\endR\fi\else\if@RTLmarginpar\endR\else\endL\fi
16278 \nointerlineskip
16279 \hbox{\vrule \@height\z@ \@width\z@ \@depth\@pagedp}}
16280 \long\def\@ympar#1{%
16281 \savemarbox\@marbox{\if@RTL\if@LTRmarginpar\@RTLfalse\else\@RTLtrue\fi\else\if@RTLmarginpar\@RTLtrue\else\@RTLfalse\fi}%
16282 \global\setbox\@currbox\copy\@marbox
16283 \@xympar}
16284 \def\setRTLmarginpar{\@RTLmarginpartrue\@LTRmarginparfalse}
16285 \def\setLTRmarginpar{\@LTRmarginpartrue\@RTLmarginparfalse}
16286 \def\setdefaultmarginpar{\@RTLmarginparfalse\@LTRmarginparfalse}
16287 \def\@stopline{\unskip\@stopfield\if@rjfield \global\@rjfieldfalse
16288 \@tempdima\@totalleftmargin \advance\@tempdima\linewidth
16289 \hbox to\@tempdima{\if@RTL\beginR\fi\@itemfudge\hskip\dimen\@curtabmar
16290 \box\@curline\hfil\box\@curfield\if@RTL\endR\fi}\else\@addfield
16291 \hbox to\linewidth{\if@RTL\beginR\fi\@itemfudge
16292 \hskip\dimen\@curtabmar\box\@curline\hfil\if@RTL\endR\fi}%
16293 \fi}
16294 \def\@outputpage{%
16295 \begingroup % the \endgroup is put in by \aftergroup
16296 \let \protect \noexpand
16297 \@resetactivechars
16298 \global\let\@if@newlist\if@newlist
16299 \global\@newlistfalse
16300 \@parboxrestore
16301 \shipout \vbox{%
16302 \set@typeset@protect
16303 \aftergroup \endgroup
16304 \aftergroup \set@typeset@protect
16305 % correct? or just restore by ending
16306 % the group?
16307 \if@specialpage
16308 \global\@specialpagefalse\@nameuse{ps@\@specialstyle}%
16309 \fi
16310 \if@twoside

```

```

16311 \ifodd\count\z@ \let\@thehead\@oddhead \let\@thefoot\@oddfoot
16312 \let\@themargin\oddsidemargin
16313 \else \let\@thehead\@evenhead
16314 \let\@thefoot\@evenfoot \let\@themargin\evensidemargin
16315 \fi
16316 \ifx\@thehead\@empty \let\@thehead\hfil \fi
16317 \ifx\@thefoot\@empty \let\@thefoot\hfil \fi
16318 \else %% not @twoside
16319 \ifx\@oddhead\@empty \let\@thehead\hfil \fi
16320 \ifx\@oddfoot\@empty \let\@thefoot\hfil \fi
16321 \fi
16322 \reset@font
16323 \normalsize
16324 \normalsfcodes
16325 \let\label\@gobble
16326 \let\index\@gobble
16327 \let\glossary\@gobble
16328 \baselineskip\z@skip \lineskip\z@skip \lineskiplimit\z@
16329 \@begindvi
16330 \vskip \topmargin
16331 \moveright\@themargin \vbox {%
16332 \setbox\@tempboxa \vbox to\headheight{%
16333 \vfil
16334 \color@hbox
16335 \normalcolor
16336 \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thehead\if@RTL
16337 \color@endbox
16338 }% %% 22 Feb 87
16339 \dp\@tempboxa \z@
16340 \box\@tempboxa
16341 \vskip \headsep
16342 \box\@outputbox
16343 \baselineskip \footskip
16344 \color@hbox
16345 \normalcolor
16346 \hb@xt@\textwidth{\if@RTLmain\@RTLtrue\beginR\else\@RTLfalse\beginL\fi\@thefoot\if@RTL
16347 \color@endbox
16348 }%
16349 }%
16350 \global\let\if@newlist\@if@newlist
16351 \global \colht \textheight
16352 \stepcounter{page}%
16353 \let\firstmark\botmark
16354 }
16355 \long\def\@makecaption#1#2{%
16356 \vskip\abovecaptionskip
16357 \sbox\@tempboxa{#1: #2}%
16358 \ifdim \wd\@tempboxa >\hsize
16359 \if@RTL\beginR\fi#1: #2\if@RTL\endR\fi\par
16360 \else

```



```

16361 \global \@minipagefalse
16362 \hb@xt@\hsize{\if@RTL\beginR\fi\hfil\box\@tempboxa\hfil\if@RTL\endR\fi}%
16363 \fi
16364 \vskip\belowcaptionskip}
16365 \let\@bidi@saved@eqno=\eqno
16366 \let\@bidi@saved@leqno=\leqno
16367 \def\eqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@leqno \else \@bidi@saved@eqno \fi}
16368 \def\leqno{\ifnum\predisplaydirection<\z@ \@bidi@saved@eqno \else \@bidi@saved@leqno \fi}
16369 \@ifpackageloaded{amsmath}{}{
16370 \def\@eqnnum{\normalfont \normalcolor \if@RTL\beginR\fi(\theequation)\if@RTL\endR\fi}}
16371 }
16372 \input{footnote-xetex-bidi.def}
16373 \if@twocolumn
16374 \let\autofootnoterule\relax
16375 \let\leftfootnoterule\relax
16376 \let\rightfootnoterule\relax
16377 \textwidthfootnoterule
16378 \fi
16379 \if@bidi@csundef{@idxitem}{}{%
16380 \renewcommand\@idxitem{\par\hangindent \if@RTL-\fi40\p0}%
16381 }
16382 \@ifclassloaded{article}{\@ifclassloaded{svmult}}{\input{article-xetex-bidi.def}}{}
16383 \@ifclassloaded{extarticle}{\input{extarticle-xetex-bidi.def}}{}
16384 \@ifclassloaded{artikel1}{\input{artikel1-xetex-bidi.def}}{}
16385 \@ifclassloaded{artikel2}{\input{artikel2-xetex-bidi.def}}{}
16386 \@ifclassloaded{artikel3}{\input{artikel3-xetex-bidi.def}}{}
16387 \@ifclassloaded{amsart}{\input{amsart-xetex-bidi.def}}{}
16388 \@ifclassloaded{letter}{\input{letter-xetex-bidi.def}}{}
16389 \@ifclassloaded{scrlettr}{\input{scrlettr-xetex-bidi.def}}{}
16390 \@ifclassloaded{extletter}{\input{extletter-xetex-bidi.def}}{}
16391 \@ifclassloaded{memoir}{\input{memoir-xetex-bidi.def}}{}
16392 \@ifclassloaded{refrep}{\input{refrep-xetex-bidi.def}}{}
16393 \@ifclassloaded{extreport}{\input{extreport-xetex-bidi.def}}{}
16394 \@ifclassloaded{report}{\@ifpackageloaded{flowfram}}{\input{report-xetex-bidi.def}}{}
16395 \@ifclassloaded{rapport1}{\input{rapport1-xetex-bidi.def}}{}
16396 \@ifclassloaded{rapport3}{\input{rapport3-xetex-bidi.def}}{}
16397 \@ifclassloaded{scrartcl}{\input{scrartcl-xetex-bidi.def}}{}
16398 \@ifclassloaded{scrbook}{\input{scrbook-xetex-bidi.def}}{}
16399 \@ifclassloaded{scrreprt}{\input{scrreprt-xetex-bidi.def}}{}
16400 \@ifclassloaded{amsbook}{\input{amsbook-xetex-bidi.def}}{}
16401 \@ifclassloaded{extbook}{\input{extbook-xetex-bidi.def}}{}
16402 \@ifclassloaded{boek}{\input{boek-xetex-bidi.def}}{}
16403 \@ifclassloaded{boek3}{\input{boek3-xetex-bidi.def}}{}
16404 \@ifclassloaded{book}{\@ifpackageloaded{flowfram}}{\input{book-xetex-bidi.def}}{}
16405 \@ifclassloaded{bookest}{\input{bookest-xetex-bidi.def}}{}
16406 \@ifclassloaded{combine}{\input{combine-xetex-bidi.def}}{}
16407 \@ifpackageloaded{amsmath}{}{%
16408 \@iftagsloaded{leqno}{\input{leqno-xetex-bidi.def}}{}
16409 \@iftagsloaded{fleqn}{\input{fleqn-xetex-bidi.def}}{}
16410 }

```

```

16411 \@ifpackageloaded{mathtools}{\RequirePackage{graphicx}}{}
16412 \@ifpackageloaded{crop}{\RequirePackage{graphicx}}{}
16413 \@ifpackageloaded{sidecap}{\RequirePackage{ragged2e}}{}
16414 \@ifpackageloaded{floatrow}{\RequirePackage{color}}{}
16415 \@ifpackageloaded{amsmath}{\input{amsmath-xetex-bidi.def}}{}
16416 \@ifpackageloaded{amstext}{\input{amstext-xetex-bidi.def}}{}
16417 \@ifpackageloaded{amsthm}{\input{amsthm-xetex-bidi.def}}{}
16418 \@ifpackageloaded{breqn}{\input{breqn-xetex-bidi.def}}{}
16419 \@ifpackageloaded{cals}{\input{cals-xetex-bidi.def}}{}
16420 \@ifpackageloaded{caption}{\input{caption-xetex-bidi.def}}{}
16421 \@ifpackageloaded{caption3}{\input{caption3-xetex-bidi.def}}{}
16422 \@ifpackageloaded{floatrow}{\input{floatrow-xetex-bidi.def}}{}
16423 \@ifpackageloaded{crop}{\@ifclassloaded{memoir}}{\input{crop-xetex-bidi.def}}{}
16424 \@ifpackageloaded{color}{\input{color-xetex-bidi.def}}{}
16425 \@ifpackageloaded{cutwin}{\input{cutwin-xetex-bidi.def}}{}
16426 \@ifpackageloaded{cuted}{\input{cuted-xetex-bidi.def}}{}
16427 \@ifpackageloaded{xcolor}{\input{xcolor-xetex-bidi.def}}{}
16428 \@ifpackageloaded{colortbl}{\input{colortbl-xetex-bidi.def}}{}
16429 \@ifpackageloaded{float}{\@ifpackageloaded{floatrow}}{\input{float-xetex-bidi.def}}{}
16430 \@ifpackageloaded{flowfram}{\input{flowfram-xetex-bidi.def}}{}
16431 \@ifpackageloaded{xltextra}{\input{xltextra-xetex-bidi.def}}{}
16432 \@ifpackageloaded{wrapfig}{\input{wrapfig-xetex-bidi.def}}{}
16433 \@ifpackageloaded{graphicx}{\input{graphicx-xetex-bidi.def}}{}
16434 \@ifpackageloaded{geometry}{\input{geometry-xetex-bidi.def}}{}
16435 \@ifpackageloaded{hvfloating}{\input{hvfloating-xetex-bidi.def}}{}
16436 \@ifpackageloaded{ntheorem}{\input{ntheorem-xetex-bidi.def}}{}
16437 \@ifpackageloaded{hyperref}{\input{hyperref-xetex-bidi.def}}{}
16438 \@ifpackageloaded{ntheorem-hyper}{\input{ntheorem-hyper-xetex-bidi.def}}{}
16439 \@ifpackageloaded{fancybox}{\input{fancybox-xetex-bidi.def}}{}
16440 \@ifpackageloaded{fancyhdr}{\input{fancyhdr-xetex-bidi.def}}{}
16441 \@ifpackageloaded{fix2col}{\input{fix2col-xetex-bidi.def}}{}
16442 \@ifpackageloaded{ftnright}{\input{ftnright-xetex-bidi.def}}{}
16443 \@ifpackageloaded{midfloat}{\input{midfloat-xetex-bidi.def}}{}
16444 \@ifpackageloaded{draftwatermark}{\input{draftwatermark-xetex-bidi.def}}{}
16445 \@ifpackageloaded{dblfnote}{\input{dblfnote-xetex-bidi.def}}{}
16446 \@ifpackageloaded{eso-pic}{\input{eso-pic-xetex-bidi.def}}{}
16447 \@ifpackageloaded{empheq}{\input{empheq-xetex-bidi.def}}{}
16448 \@ifpackageloaded{framed}{\input{framed-xetex-bidi.def}}{}
16449 \@ifpackageloaded{pdfpages}{\input{pdfpages-xetex-bidi.def}}{}
16450 \@ifpackageloaded{lettrine}{\input{lettrine-xetex-bidi.def}}{}
16451 \@ifpackageloaded{listings}{\input{listings-xetex-bidi.def}}{}
16452 \@ifpackageloaded{pstricks}{\input{pstricks-xetex-bidi.def}}{}
16453 \@ifpackageloaded{pgf}{\input{pgf-xetex-bidi.def}}{}
16454 \@ifpackageloaded{titlesec}{\input{titlesec-xetex-bidi.def}}{}
16455 \@ifpackageloaded{titletoc}{\input{titletoc-xetex-bidi.def}}{}
16456 \@ifpackageloaded{array}{\input{array-xetex-bidi.def}}{}
16457 \@ifpackageloaded{sidecap}{\input{sidecap-xetex-bidi.def}}{}
16458 \@ifpackagewith{sidecap}{innercaption}{%
16459 \if@RTL \renewcommand*{\SC@FLOAT}[2]{%
16460 \isSC@ODD{#2}\hspace{\sidecaptionsep}{#1}} \if@RTL\hspace{\sidecaptionsep}{#2}}

```

```

16461 \renewcommand*{\SC@justify@caption{%
16462   \isSC@ODD{\RaggedRight}{\RaggedLeft}}\else
16463   \renewcommand*{\SC@FLOAT}[2]{%
16464     \isSC@ODD{#1}\hspace{\sidecaptionsep}{#2}} {{#2}\hspace{\sidecaptionsep}{#1}}}
16465 \renewcommand*{\SC@justify@caption{%
16466   \isSC@ODD{\RaggedLeft}{\RaggedRight}}\fi
16467 }{}
16468 \@ifpackagewith{sidecap}{rightcaption}{%
16469   \if@RTL\renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
16470   \def\SC@justify@caption{\RaggedLeft}\else%
16471   \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}
16472   \def\SC@justify@caption{\RaggedRight}\fi%
16473 }{}
16474 \@ifpackagewith{sidecap}{leftcaption}{%
16475   \if@RTL \renewcommand*{\SC@FLOAT}[2]{{#2}\hspace{\sidecaptionsep}{#1}}
16476   \def\SC@justify@caption{\RaggedRight}\else%
16477   \renewcommand*{\SC@FLOAT}[2]{{#1}\hspace{\sidecaptionsep}{#2}}
16478   \def\SC@justify@caption{\RaggedLeft}\fi%
16479 }{}
16480 \@ifpackageloaded{stabular}{\input{stabular-xetex-bidi.def}}{}
16481 \@ifpackageloaded{subfigure}{\input{subfigure-xetex-bidi.def}}{}
16482 \@ifpackageloaded{longtable}{\input{longtable-xetex-bidi.def}}{}
16483 \@ifpackageloaded{arydshln}{\input{arydshln-xetex-bidi.def}}{}
16484 \@ifpackageloaded{mdframed}{\input{mdframed-xetex-bidi.def}}{}
16485 \@ifpackageloaded{multicol}{\input{multicol-xetex-bidi.def}}{}
16486 \@ifpackageloaded{multienum}{\input{multienum-xetex-bidi.def}}{}
16487 \@ifpackageloaded{natbib}{\input{natbib-xetex-bidi.def}}{}
16488 \@ifpackageloaded{newfloat}{\input{newfloat-xetex-bidi.def}}{}
16489 \@ifpackageloaded{minitoc}{\input{minitoc-xetex-bidi.def}}{}
16490 \@ifpackageloaded{picinpar}{\input{picinpar-xetex-bidi.def}}{}
16491 \@ifpackageloaded{quotchap}{\input{quotchap-xetex-bidi.def}}{}
16492 \@ifpackageloaded{ragged2e}{\input{ragged2e-xetex-bidi.def}}{}
16493 \@ifpackageloaded{rotating}{\input{rotating-xetex-bidi.def}}{}
16494 \@ifpackageloaded{tabls}{\input{tabls-xetex-bidi.def}}{}
16495 \@ifpackageloaded{tabulary}{\input{tabulary-xetex-bidi.def}}{}
16496 \@ifpackageloaded{tocstyle}{\input{tocstyle-xetex-bidi.def}}{}
16497 \@ifpackageloaded{tocbibind}{\@ifclassloaded{memoir}}{\input{tocbibind-xetex-bidi.def}}{}
16498 \@ifpackageloaded{tocloft}{\@ifclassloaded{memoir}}{\input{tocloft-xetex-bidi.def}}{}
16499 \@ifdefinitionfileloaded{tc-xetex}{\input{tc-xetex-bidi.def}}{}

```

7.114 xltextra-xetex-bidi.def

```

16500 \ProvidesFile{xltextra-xetex-bidi.def}[2010/07/25 v0.1 bidi adaptations for xltextra package for
16501 \let\@XeTeX\XeTeX
16502 \def\XeTeX{\@ensure@LTR{\@XeTeX}}
16503 \let\@XeLaTeX\XeLaTeX
16504 \def\XeLaTeX{\@ensure@LTR{\@XeLaTeX}}

```

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\\$ 10421	\@@end 2742, 2743	15669, 15702,
\% 9557	\@@endpbox . . 10900, 14754, 14793, 16061	15703, 15708,
\' 9677, 10966, 12063, 12077	\@@if@newlist . 9113, 9133, 16298, 16350	15709, 15711, 15712, 15730, 15731
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12513,	12526,	14807,	14811,	14792,	14798,
12549,	12588,	14818,	14829,	16002,	16003,
12590,	12592,	14855,	14856,	16060,	16066, 16328
12647,	12690,	14866,	14870,	\zifrefundefined ..	
12699,	12726,	14871,	14872,	9232, 9255
12743,	12758,	14875,	14884,	\zref@extractdefault	
12781,	12783,	14885,	14887,	9237, 9258
12785,	12818,	14888,	14890,	\zref@labelbyprops .	
12823,	12824,	14898,	14903,	9203, 9278
12882,	12929,	14918,	15003,		
12944,	12964,	15004,	15078,		

9 Change History

v13.9		
General: Added implementaion of		toc, lot, lof, etc with multicol
the package.	1	package. 260
v14.2		v14.3
General: Fixed the wrong order of		General: Removed <code>\leavevmode</code> to
		avoid extra <code>\par</code> 119