Errata list for The \LaTeX Companion, Second Edition
(4. printing)

Includes all entries found between 2004/04/22 and 2014-09-30
(For other periods/print runs reprocess this document with different config settings)

This file (tlc2.err) can be found as part of the \TeX distribution and its latest version is maintained
on the \TeX project site at https://www.latex-project.org/help/books/tlc2.err where you will
also find extracts of the book.
The first column in the table shows the page number of the errata entry. Superscript numbers in the
first column refer to the printed revision in which this entry was corrected (s indicates a correction in
the sources only). The second column gives the precise location (negative line or paragraph numbers
are counted from the bottom of the page). The third column shows the first finder of the problem.
You can customize this list to only show errata related to the printing you own by changing the
configuration in the file tlc2.cfg.

To Err is Human — Bug Contest

Any mistake found and reported is a gain for all readers of our book. For this reason Addison-Wesley
and the authors offer a prize (for 6 periods) to the eligible person who finds the largest number of
bugs during that period (in case of a draw a random choice will be made between all those with the
largest number of findings). A person can receive at most one prize, ever; errors found by any of the
authors do not count.
Each prize is a free choice of any single computing book found on the AW Professional web site
http://www.awprofessional.com (that is, no boxed sets or multiple volume offers).
As usual, the authors and publisher reserve the right to make various decisions such as whether a
reported feature is an error for competitive purposes or whether similar features count as a single or
multiple errors. — Good luck!

<table>
<thead>
<tr>
<th>Contest period ends</th>
<th>Winner</th>
<th>Suggestion count</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004/10</td>
<td>Hubert Gäcklein</td>
<td>287</td>
</tr>
<tr>
<td>2005/04</td>
<td>Ulrich Dirr</td>
<td>11</td>
</tr>
<tr>
<td>2005/10</td>
<td>Daniel Alonso i Alemany</td>
<td>13 suggestions</td>
</tr>
<tr>
<td>2006/04</td>
<td>Michael Schutte</td>
<td>2</td>
</tr>
<tr>
<td>2008/05</td>
<td>Brooks Moses</td>
<td>1</td>
</tr>
<tr>
<td>...</td>
<td>final draw eventually -</td>
<td></td>
</tr>
</tbody>
</table>
General

**general** (FMi) To help you in assessing this errata document we have placed exclamation marks in front of each entry that we consider essential for correctly understanding the book contents.

general (FMi) Due to the printing process there may be small alignment problems between blue and black text on some pages. These can vary from book to book depending on how the paper was handled between print runs—such is the analog nature of printing on a press.

general (FMi) Slightly updated examples matching the second printing will be made available at CTAN: info/examples/tlc2. The book CD will have the original examples from the first printing.

Front matter

v 1.7 (FMi) For the record: the term “for ever” is the British spelling and a conscious decision.

Chapter 1

Chapter 2

21 para -2, l.2 (MLi) The command is called \AskOption (without %)

35 para 1 (hajk) Package fancycap also makes unwanted “Chapter 0” heading for \chapter{Preface} in \frontmatter of book.
Comment: I don’t really consider this a bug (as it is not surprising with such designs) but will see if it can be explicitly mentioned.

Chapter 3

87 exa. 3-1-15 (V-Li) \- should be used on a word that is actually hyphenated. Well, would be nice but not easy to find one.

142 exa 3-3-21/22 (UZi) With the newest version of amsthm the font setting for the headline is ignored for the optional description of the theorem (looks like a bug in amsthm).

150 exa 3-3-28 (JBez) The vertical space above "Return values" is too small.

Chapter 4
The values shown in the table aren’t any quite correct. These days some of them are calculated depending on the chosen paper size option and so have slightly different values from what is listed in the table. The values listed are those that have been used in 2.09 (i.e., they would be fully correct in compatibility mode, that is for documents starting with `\documentstyle`).

347 para 2, l.5+6 (JS/FMi) Replace: “Computer Modern Typewriter and Computer Modern Sans have only bold extended variants.” → “In contrast Computer Modern Sans has only bold extended variants.”

349 Table 7.4 (AFV) The font associated with the command `\texttt` is a sans typewriter font. This differs from nearly all TeX setups where the math typewriter font is Computer Modern Typewriter.

414 footnote (hv) Replace: `\pcharpath` → `\pscharpath`. These days the package `pst-char` has been integrated into `pst-text`.

527,528 table 8-10/11 (FMi) Added the missing symbol from amsymb: `\textcircled{R}`, `\yen`, `\checkmark`, and `\maltese`.

The general distribution of symbols between the two tables is a bit questionable, but this will stay as it is.

528 table 8.11 (LHe) `\dag` and `\ddag` are `\mathord` not `\mathbin` as claimed in table 8.13.

530 table 8.13 (LHe) `\dag` and `\ddag` are not `\mathbin`, hence don’t belong in this table and they aren’t (as claimed in legend) synonyms of `\dagger` and `\ddagger` respectively.

537 table 8-27 (DLs/FMi) Added the four missing delimiters from amsymb: `\llcorner`, `\lrcorner`, `\ulcorner`, and `\urcorner`. Updated the table note and galley text accordingly.

543 table 9.1 (MHe/JBr) The Babel implementation on the CD is missing the australian and newzealand options. If you need them, download a new version of Babel.
551 tab 9.3 (CBe) I am surprised that in Russian there is no word for “Glossary”. Frank: It most certainly exists :-), but right now Babel doesn’t know about it—so there is nothing we can do about it at the moment. Actually the same problem exists with Polish, although here I got a translation “słownik terminów” which will eventually find its way into Babel.

580 language.dat (WaS) on CD The language name problem, i.e.,
usenglish → USenglish
ukenglish → UKenglish is also present in the language.dat file on the book CD.

592 general remarks (PPn) Additional remarks not for inclusion in the book: For \TeX, \LaTeX{} in languages of India, there are several nice packages. An overview can be found in the following TUGboat Articles:

1. Anshuman Pandey, An overview of Indic Fonts for \TeX{}, TUGboat Volume 19, Number 2 / June 1998 115—119
2. Anshuman Pandey, Typesetting Bengali in \TeX{}, TUGboat Volume 20, Number 2, June 1999 119—126
3. C. V. Radhakrishnan, A case for \TeX{} in India, TUGboat Volume 19, Number 1, March 1998, 69.
4. Karel Píška, A conversion of public Indic fonts from METAFONT into Type I format with TeXTRA CE, Volume 23, Number 1, 2002, 70—73
5. Yannis Haralambous and John Plaice, Low-level Devanāgarī support for Omega–Adapting devnag, i Volume 23, Number 1, 2002, 50—56

In addition to these articles, TUGIndia has uploaded two \LaTeX{} \texttt{2e} packages (i) Malayalam for \LaTeX{} \texttt{2e}, and (ii) Kannada \LaTeX{}, both available from www.sarовар.org.

A remark on devnag package: Originally developed by Frans Velthuis in 1991, it was upgraded for use with \LaTeX{} \texttt{2e} (made NFSS-compliant), and maintained by a team consisting of Dominik Wujastyk, John Smith, Anshuman Pandey, François Patte, and Zdeněk Wagner. Very recently, the project has been handed over to TUGIndia, for further development, and as of May 2004, it has moved from sourceforge.net to sarовар.org.

Chapter 10

615* Tab. 10.1 (FMi) The important driver “vtex” is missing. On the other hand some of the listed drivers are only of historical interest.

619* viewport (BMo/FMi) Explanation of viewport key changed to better explain that it only changes the space reserved but doesn’t prevent printing the whole graphic (unless \texttt{clip} is used additionally)

620* editorial change (FMi) Text changes on previous page results in different page break.
Errata for The \LaTeX\ Companion, Second Edition (between 2004/04/22 and 2014-09-30)

5

631\* para. 2, l. 6 \(\text{FMi/HjG}\)  Ensete: "This point is shown . . ." → "This is shown . . ."

633\* example \(\text{HjG}\)  The first column shows incorrect output: instead of x=0mm it uses some internal default.

634\* editorial change \(\text{FMi}\)  Fix on previous page will change page break.

643\* para 3, l. 1 \(\text{FMi}\)  Unfortunately Thành's name is misspelled. The correct spelling is "Hàn Thế Thành".

Chapter 11

656\* \(\text{CBe}\)  How horrible the page rotated counterclockwise!

680\* First code block \(\text{AFV}\)  Correct: \texttt{\textbackslash markkboth} → \texttt{\textbackslash markboth}

Chapter 12

general several pages \(\text{HV}o/\text{FMi}\)  The German word "Schuldrecht" is incorrectly hyphenated as "Schuldrec h t" in several examples due to the fact that English hyphenation patterns are used unless the language is explicitly marked. This is a deliberate effect, see pages 719 and 733-734.

744 exa 12-5-48/49 \(\text{HjG}\)  There's a spurious space before all occurrences of "D. E. Knuth"! This is (partly, ie in the footnote) due to a missing percent in the definition of \texttt{\textbackslash realcite} and \texttt{\textbackslash printbibliography} in the camel package. Seems that a problem with the volume parsing in camel is the reason for the surplus spaces showing up in the bibliography output. Reported to the author.

Chapter 13

767\* 1.7 \(\text{SPe}\)  "Miguel Parra Benavides" is missing closing quotes.

767\* 1.10 \(\text{SPe}\)  "Parra" and "Benavides" are missing closing quotes.

798\* tab 13.5, l. 1-2 \(\text{MSch}\)  Replace: Erwin → 'Ervin'

Chapter 14

832\* 2. code block \(\text{MSch}\)  Replace: \texttt{\textbackslash text/latex/base} → \texttt{\textbackslash tex/latex/base}

834 para 5 \(\text{FMi}\)  Explain that \texttt{\textbackslash cmd} can't be used with conditionals, e.g., those produced with \texttt{\newif}.

837 exa 14-4-1 \(\text{FMi}\)  Editorial comment: example has to be reprocessed whenever this chapter is modified to show correct cvs checking (otherwise input and output will not match).
Errata for The \LaTeX\ Companion, Second Edition (between 2004/04/22 and 2014-09-30)

839 exa 14-4-2 (FMi) Editorial comment: example has to be reprocessed whenever this chapter is modified to show correct \texttt{checkin} (otherwise input and output will not match).

Appendix A

847 para -2, 1.3 (VVo) Replace: “An error is raised if the definitions differ, idiots” → “A warning is shown if the definitions differ, …”

Appendix B

Appendix C

950* para 1, 1.2 (FMi) Replace: Figure C.2 → Figure C.1

Bibliography

971* [74] (FMi) Add “Lars Hellström” as author. Change date to December 2004. Change comment to “Documentation for the fontinst utility package that supports …”

976* [117] (FMi) The title is “E-\TeX: Guidelines for Future \TeX\ Extensions”.

981* [158]-[162] (RKo) Unfortunately Thành’s name is misspelled (accents in [161/2]). The correct spelling is “Hàn Thế Thành”. Furthermore, the surname is Hàn so the entries should have been sorted under H (something that can’t be corrected easily).

Index

983–1082 index (FMi) I do not list changes to the index that are results of other errata entries as they are too difficult to track. Instead I will put an updated index on the web at https://www.latex-project.org/help/books/tlc2-ap4.pdf once in a while.

990* (J-CCh) Correct range: author-date citations / history of (699, 700)

992* (J-CCh) Correct: “Bézier”

1000* (J-CCh) Correct range: Citation systems / author-date / history of (699, 700)

1019* (J-CCh) Correct range: fonts / oblique (333)

People

Biographies
Thanks to all who have found errors or omissions. Listed are the people who found an errata entry first.

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J-CCh Jean-Côme Charpentier (7)  NBe Nelson Beebe (1)

Other people have sent us corrections for errors already found. Thanks to all of you!
If you find further errors please report them to one of the authors, e.g.,

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preferably in a form usable directly in this file, i.e.,

\erroronpage{page-number}{line-identification}{your-initials}{date}

\texttt{description\ of\ the\ erratum}

Here is an example:

\erroronpage{5}{para 3. 1.1}{MOs}{1997/06/01}

‘LaTeX’ should be typeset ‘\LaTeX’.