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)

\@book(A-W:MG04,
  author = {Frank Mittelbach and Michel Goossens},
  title = {The \LaTeX\ Companion},
  edition = 2,
  note = {With Johannes Braams, David Carlisle, and Chris Rowley},
  series = {Tools and Techniques for Computer Typesetting},
  publisher = {Addison-Wesley},
  address = {Boston, Massachusetts},
  year = 2004,
  pagenums = {1120},
  bibliography = {yes},
  index = {yes},
  isbn = {0-201-36299-6},
)

This file (tlc2.err) can be found as part of the \LaTeX\ distribution and its latest version is maintained on the \LaTeX\ 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 Gäklein</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</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

<table>
<thead>
<tr>
<th>Entry</th>
<th>Page</th>
<th>Author</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>general</td>
<td>(FMi)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>general</td>
<td>(FMi)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>general</td>
<td>(FMi)</td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

## Front matter

<table>
<thead>
<tr>
<th>Entry</th>
<th>Page</th>
<th>Author</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>v 1.7</td>
<td>(FMi)</td>
<td>For the record: the term “for ever” is the British spelling and a conscious decision.</td>
<td></td>
</tr>
</tbody>
</table>

## Chapter 1

## Chapter 2

<table>
<thead>
<tr>
<th>Entry</th>
<th>Page</th>
<th>Author</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>para -2, l.2</td>
<td>21</td>
<td>(MLi)</td>
<td>The command is called \AskOption (without %)</td>
</tr>
<tr>
<td>para 1</td>
<td>35</td>
<td>(hajk)</td>
<td>Package fncychap 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.</td>
</tr>
</tbody>
</table>

## Chapter 3

<table>
<thead>
<tr>
<th>Entry</th>
<th>Page</th>
<th>Author</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>exa. 3-1-15</td>
<td>87</td>
<td>(V-Li)</td>
<td>- should be used on a word that is actually hyphenated. Well, would be nice but not easy to find one.</td>
</tr>
<tr>
<td>exa 3-3-21/22</td>
<td>142</td>
<td>(UZi)</td>
<td>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).</td>
</tr>
<tr>
<td>exa 3-3-28</td>
<td>150</td>
<td>(JBez)</td>
<td>The vertical space above &quot;Return values&quot; is too small.</td>
</tr>
</tbody>
</table>

## Chapter 4
196  table 4.2  (YL)  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).

Chapter 5

Chapter 6

Chapter 7

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 \mathtt 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.

Chapter 8

527,528  table 8-10/11  (FMi)  Added the missing symbol from amsymb: \circledR, \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 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.

Chapter 9

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.
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.

The language name problem, i.e.,
\begin{verbatim}
useenglish → USenglish
ukenglish → UKenglish
\end{verbatim}
is also present in the language . dat file on the book CD.

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, 6—9.
4. Karel Píšká, 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 dvēnā, i Volume 23, Number 1, 2002, 50—56

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

A remark on dvēnā package— Originally developed by Frans Velthuis in 1991, it was upgraded for use with \LaTeXε (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

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

viewport (BM/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 clip is used additionally).

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)

631* para.2, l.6 (FMi/HJG) Ersetze: "This point is shown . . ." \rightarrow "This is shown . . ."!

!! 633* example (HJG) The first column shows incorrect output: instead of x=0mm it uses some internal default.

634* editorial change (FMi) Fix on previous page will change page break.

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

Chapter 11

656* (CBe) How horrible the page rotated counterclockwise!

660* First code block (AFV) Correct: \markboth \rightarrow \markboth

Chapter 12

general several pages (HVc/FMi) The German word "Schuldrecht" is incorrectly hyphenated as "Schuldrecht" 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 729 and 733–734.

744 exa 12-5-48/49 (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 @realcite and @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 (SPe) "Miguel Parra Benavides" is missing closing quotes.

767* 1.10 (SPe) "Parra" and "Benavides" are missing closing quotes.

798* tab 13.5, l.1-2 (MSch) Replace: Erwin \rightarrow 'Erwin'

Chapter 14

832* 2. code block (MSch) Replace: text/latex/base \rightarrow tex/latex/base

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

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

639  exa 14-4-2  (FMi)  Editorial comment: example has to be reprocessed whenever this chapter is modified to show correct res checking (otherwise input and output will not match).

Appendix A

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

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 \ldots”

976“  [117]  (FMi)  The title is “E-\LaTeX: Guidelines for Future \LaTeX 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 Hân 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 \url{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.

AFV Alfonso Fernandez-Vazquez (3)  
AHo Antti Honkela (1)  
AMa Arni Magnusson (1)  
ARi Alan Ristow (1)  
BMo Brooks Moses (17)  
BBe Bernd Burghardt (1)  
CAR Chris A. Rowley (14)  
CBC Charles B. Cameron (17)  
CBa Cristian Battaglia (2)  
CBe Claudio Beccari (22)  
CKr Claudia Krysztowiak (35)  
DAL Daniel Alonso i Alemany (15)  
DAr Donald Arseneau (5)  
DCa David Carlisle (1)  
DHL Dan Luexking (14)  
DIs Daniel Isaacson (1)  
DJa Daniel Isaacson (1)  
DFl Dirk Schlimm (3)  
EHa Elizabeth Ryan (1)  
FHo Feryd Hansen (1)  
FMi Frank Mittelbach (116)  
GBa Gerhard Bachmaier (1)  
HOb Heiko Oberdiek (13)  
HPB Harold P. Boas (1)  
HVo Herbert Voss (1)  
HJG Hubert Gäklein (314)  
J-CCh Jean-Côme Charpentier (7)  
JAN Jacques André (2)  
JBe Javier Bezos (1)  
JBr Johannes Braams (2)  
JCh Joel Chan (1)  
JGr Jose Grimm (5)  
JLN Juan Luis Varona (1)  
JMH Jean-Michel Hufken (11)  
JTa Juhani Takkinen (1)  
LHe Lars Hellström (2)  
LMa Lars Madsen (1)  
LSchu Lothar Schumacher (1)  
MBr Marion Braams (6)  
MGo Michel Goossens  
MHCL Martin Hin Chung Law (1)  
MHe Martin Hensel (4)  
MHo Morten Høgholm (3)  
MKo Markus Kohm (1)  
MKu Markus Kuhn (11)  
MLa Mark Laplante (1)  
MLi Martin Liebmann (1)  
MLR Martin Liebmann (1)  
MSc Martin Schröder (7)  
MSh Michael Schutte (2)  
NBe Nelson Beebe (1)  
PPN P.P. Narayanaswami (3)  
PYu Peng Yu (12)  
RKi Reinhard Kotucha (1)  
RPa Reimo Palm (6)  
RSt Ralf Stubner (2)  
RWA Richard Walker (2)  
Res Rebecca Stiels (2)  
SCo Steven Douglas Cochran (1)  
SEg Stephen Eglen (1)  
SFe Saša Petrović (2)  
THa Thorsten Hansen (19)  
TMW Thomas Widmann (3)  
TMS Tomislav Micevski (1)  
TSS Tommi Syrjänen (5)  
UFi Ulrike Fischer (54)  
UZi Uwe Ziegenhagen (1)  
V-Li Christian Faulhammer (2)  
VPe Vivi Petersen (1)  
VVo Vladimir Volkovich (1)  
WAd William Adams (1)  
WaS Walter Schmidt (5)  
YIL Yiannis Lazairis (1)  
YoH Yvon Henel (2)  
usw Ulrich Dirr (11)  

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.,

frank.mittelbach@latex-project.org

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

\erroronpage{page-number}{line-identification}{your-initials}{date}{description of the erratum}

Here is an example:

\erroronpage{5}{para 3. 1.1}{MOs}{1997/06/01}{``LaTeX'' should be typeset `\LaTeX'.}