

# Errata list for The L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X distribution and its latest version is maintained on the L<sup>A</sup>T<sub>E</sub>X 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!

| Contest period ends | Winner                    |                 |
|---------------------|---------------------------|-----------------|
| 2004/10             | Hubert Gäßlein            | 287 suggestions |
| 2005/04             | Ulrich Dirr               | 11 suggestions  |
| 2005/10             | Daniel Alonso i Alemany   | 13 suggestions  |
| 2006/04             | Michael Schutte           | 2 suggestions   |
| 2008/05             | Brooks Moses              | 1 suggestion    |
| ...                 | – final draw eventually – |                 |

|                |
|----------------|
| <b>General</b> |
|----------------|

|           |                |       |   |
|-----------|----------------|-------|---|
| <b>!!</b> | <b>general</b> | (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.   |
|           | <b>general</b> | (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. |
|           | <b>general</b> | (FMi) | Slightly updated examples matching the second printing will be made available at CTAN: <a href="http://ctan.org/info/examples/tlc2">info/examples/tlc2</a> . The book CD will have the original examples from the first printing.                         |

|                     |
|---------------------|
| <b>Front matter</b> |
|---------------------|

|          |     |       |   |
|----------|-----|-------|---|
| <b>v</b> | 1.7 | (FMi) | For the record: the term “for ever” is the British spelling and a conscious decision. |
|----------|-----|-------|---|

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| <b>Chapter 1</b> |
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| <b>Chapter 2</b> |
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|           |              |        |  |
|-----------|--------------|--------|--|
| <b>21</b> | para -2, 1.2 | (MLi)  | The command is called <code>\AskOption</code> (without “s”)  |
| <b>35</b> | para 1       | (hajk) | Package fncychap also makes unwanted “Chapter 0” heading for <code>\chapter{Preface}</code> in <code>\frontmatter</code> of book.<br>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. |

|                  |
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| <b>Chapter 3</b> |
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|            |               |        |   |
|------------|---------------|--------|---|
| <b>87</b>  | exa. 3-1-15   | (V-Li) | <code>\-</code> should be used on a word that is actually hyphenated.<br>Well, would be nice but not easy to find one.  |
| <b>142</b> | exa 3-3-21/22 | (UZi)  | With the newest version of <code>amsthm</code> the font setting for the headline is ignored for the optional description of the theorem (looks like a bug in <code>amsthm</code> ). |
| <b>150</b> | exa 3-3-28    | (JBez) | The vertical space above "Return values" is too small.  |

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| <b>Chapter 4</b> |
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|------------|-----------|-------|---|
| <b>196</b> | table 4.2 | (YiL) | 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 <code>\documentstyle</code> ). |
|------------|-----------|-------|---|

## Chapter 5

## Chapter 6

## Chapter 7

|                         |               |          |  |
|-------------------------|---------------|----------|--|
| <i>347</i> <sup>s</sup> | para 2, 1.5+6 | (JS/FMi) | Replace: “Computer Modern Typewriter and Computer Modern Sans <u>have</u> only bold extended variants.” → “ <u>In contrast</u> Computer Modern Sans <u>has</u> only bold extended variants.” |
| <b>349</b>              | Table 7.4     | (AFV)    | The font associated with the command <code>\mathtt</code> is a sans typewriter font. This differs from nearly all TeX set ups where the math typewriter font is Computer Modern Typewriter.  |
| <b>414</b>              | footnote      | (hv)     | Replace: <code>\pcharpath</code> → <code>\pscharpath</code> .<br>These days the package <code>pst-char</code> has been integrated into <code>pst-text</code> .                               |

## Chapter 8

|                             |               |           |   |
|-----------------------------|---------------|-----------|---|
| <i>527,528</i> <sup>s</sup> | table 8-10/11 | (FMi)     | Added the missing symbol from amssymb: <code>\circledR</code> , <code>\yen</code> , <code>\checkmark</code> , and <code>\maltese</code> .<br>The general distribution of symbols between the two tables is a bit questionable, but this will stay as it is. |
| <b>528</b>                  | table 8.11    | (LHe)     | <code>\dag</code> and <code>\ddag</code> are <code>\mathords</code> not <code>\mathbin</code> as claimed in table 8.13.   |
| <b>530</b>                  | table 8.13    | (LHe)     | <code>\dag</code> and <code>\ddag</code> are not <code>\mathbins</code> , hence don't belong in this table and they aren't (as claimed in legend) synonyms of <code>\dagger</code> and <code>\ddagger</code> respectively.                                  |
| <i>537</i> <sup>s</sup>     | table 8-27    | (DIs/FMi) | Added the four missing delimiters from amssymb: <code>\llcorner</code> , <code>\lrcorner</code> , <code>\ulcorner</code> , and <code>\urcorner</code> . Updated the table note and galley text accordingly.   |

## Chapter 9

|           |            |           |           |   |
|-----------|------------|-----------|-----------|---|
| <b>!!</b> | <b>543</b> | table 9.1 | (MHe/JBr) | The Babel implementation on the CD is missing the <code>australian</code> and <code>newzealand</code> 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. |  |
| <div>!!</div> | 580                | language.dat<br>on CD | (WaS)  | The language name problem, i.e.,<br><u>usenglish</u> → <u>USenglish</u><br><u>ukenglish</u> → <u>UKenglish</u><br>is also present in the language.dat file on the book CD.   |
| 592           | general<br>remarks | (PPn)                 | Additional remarks not for inclusion in the book: For T <sub>E</sub> X, L <sup>A</sup> T <sub>E</sub> X in languages of India, there are several nice packages. An overview can be found in the following TUGBOAT Articles;  |  |
|               |                    |                       |  | <ol style="list-style-type: none"><li>1. Anshuman Pandey, <i>An overview of Indic Fonts for T<sub>E</sub>X</i>, TUGBOAT Volume 19, Number 2 / June 1998 115—119</li><li>2. Anshuman Pandey, <i>Typesetting Bengali in T<sub>E</sub>X</i>, TUGBOAT Volume 20, Number 2, June 1999 119—126</li><li>3. C. V. Radhakrishnan, <i>A case for T<sub>E</sub>X in India</i>, TUGBOAT Volume 19, Number 1, March 1998, 6—9.</li><li>4. Karel Piška, <i>A conversion of public Indic fonts from METAFONT into Type I format with TEXTRACE</i>, Volume 23, Number 1, 2002, 70—73</li><li>5. Yannis Haralambous and John Plaice, <i>Low-level Devanāgarī support for Omega– Adapting devnag</i>, i Volume 23, Number 1, 2002, 50—56</li></ol>   |
|               |                    |                       |  | In addition to these articles, TUGIndia has uploaded two L <sup>A</sup> T <sub>E</sub> X 2 <sub>ε</sub> packages (i) Malayalam for L <sup>A</sup> T <sub>E</sub> X 2 <sub>ε</sub> , and (ii) Kannada L <sup>A</sup> T <sub>E</sub> X, both available from <a href="http://www.sarovar.org">www.sarovar.org</a> .<br>A remark on <b>devnag</b> package:– Originally developed by Frans Velthuis in 1991, it was upgraded for use with L <sup>A</sup> T <sub>E</sub> X 2 <sub>ε</sub> (made NFSS-complaint), 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 <a href="http://sourceforge.net">sourceforge.net</a> to <a href="http://sarovar.org">sarovar.org</a> . |

## Chapter 10

|                  |                     |           |   |
|------------------|---------------------|-----------|---|
| 615 <sup>s</sup> | 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 <sup>s</sup> | viewport            | (BMo/FMi) | Explanation of <b>viewport</b> key changed to better explain that it only changes the space reserved but doesn’t prevent printing the whole graphic (unless <b>clip</b> is used additionally) |
| 620 <sup>s</sup> | editorial<br>change | (FMi)     | Text changes on previous page results in different page break.  |

|                  |                          |           |  |
|------------------|--------------------------|-----------|--|
| 631 <sup>s</sup> | para.2, 1.6              | (FMi/HjG) | Ersetze: " <u>This point</u> is shown ..." → " <u>This</u> is shown ..."                 |
| !!               | 633 <sup>s</sup> example | (HjG)     | The first column shows incorrect output: instead of x=0mm it uses some internal default. |
| 634 <sup>s</sup> | editorial change         | (FMi)     | Fix on previous page will change page break.   |
| 643 <sup>s</sup> | para 3, 1.1              | (FMi)     | Unfortunately Thành's name is misspelled. The correct spelling is "Hàn Thế Thành".       |

## Chapter 11

|                  |                  |       |   |
|------------------|------------------|-------|---|
| 656 <sup>s</sup> |                  | (CBe) | How horrible the page rotated counterclockwise!           |
| 680 <sup>s</sup> | First code block | (AFV) | Correct: <code>\markkboth</code> → <code>\markboth</code> |

## Chapter 12

|                |                |           |   |
|----------------|----------------|-----------|---|
| <b>general</b> | several pages  | (HVo/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 719 and 733–734.   |
| <b>744</b>     | 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 <code>\@realcite</code> and <code>\@printbibliography</code> 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 <sup>s</sup> | 1.7             | (SPe)  | "Miguel Parra Benavides" is missing closing quotes. |
| 767 <sup>s</sup> | 1.10            | (SPe)  | "Parra" and "Benavides" are missing closing quotes. |
| 798 <sup>s</sup> | tab 13.5, 1.1-2 | (MSch) | Replace: "Erwin" → "Ervin"                          |

## Chapter 14

|                  |               |        |   |
|------------------|---------------|--------|---|
| 832 <sup>s</sup> | 2. code block | (MSch) | Replace: <code>text/latex/base</code> → <code>tex/latex/base</code>   |
| <b>834</b>       | para 5        | (FMi)  | Explain that <code>\cmd</code> can't be used with conditionals, e.g., those produced with <code>\newif</code> .   |
| <b>837</b>       | 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). |

- |     |            |       |   |
|-----|------------|-------|---|
| 839 | exa 14-4-2 | (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). |
|-----|------------|-------|---|

## 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, ...” |
|-----|--------------|-------|--|

## Appendix B

## Appendix C

- |                  |             |       |                                  |
|------------------|-------------|-------|----------------------------------|
| 950 <sup>s</sup> | para 1, 1.2 | (FMi) | Replace: Figure C.2 → Figure C.1 |
|------------------|-------------|-------|----------------------------------|

## Bibliography

- |                  |             |       |   |
|------------------|-------------|-------|---|
| 971 <sup>s</sup> | [74]        | (FMi) | Add “Lars Hellström” as author. Change date to December 2004. Change comment to “Documentation for the fontinst utility package that supports ...”  |
| 976 <sup>s</sup> | [117]       | (FMi) | The title is “E- $\text{\TeX}$ : Guidelines for Future $\text{\TeX}$ Extensions”.   |
| 981 <sup>s</sup> | [158]-[162] | (Rko) | Unfortunately Thành’s name is misspelled (accents in [161/2]). The correct spelling is “Hàn Thế Thành”.<br>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<br><a href="https://www.latex-project.org/help/books/tlcl2-ap4.pdf">https://www.latex-project.org/help/books/tlcl2-ap4.pdf</a> once in a while. |
| 990 <sup>s</sup>  |       | (J-CCh) | Correct range: author-date citations / history of (699, 700)  |
| 992 <sup>s</sup>  |       | (J-CCh) | Correct: “Bézier”   |
| 1000 <sup>s</sup> |       | (J-CCh) | Correct range: Citation systems / author-date / history of (699, 700)   |
| 1019 <sup>s</sup> |       | (J-CCh) | Correct range: fonts / oblique (333)  |

## People

## Biographies

|                         |
|-------------------------|
| <b>Production Notes</b> |
|-------------------------|

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

|       |                               |       |                          |      |                            |
|-------|-------------------------------|-------|--------------------------|------|----------------------------|
| AFV   | Alfonso Fernandez-Vazquez (3) | JAn   | Jacques André (2)        | PPN  | P.P. Narayanaswami (3)     |
| AHo   | Antti Honkela (1)             | JBez  | Javier Bezos (1)         | PYu  | Peng Yu (12)               |
| AMa   | Arni Magnusson (1)            | JBe   | Jens Berger (1)          | RKo  | Reinhard Kotucha (1)       |
| ARi   | Alan Ristow (1)               | JBr   | Johannes Braams (2)      | RPa  | Reimo Palm (6)             |
| BMo   | Brooks Moses (17)             | JCh   | Joel Chan (1)            | RSt  | Ralf Stubner (2)           |
| BeB   | Bernd Burghardt (1)           | JGr   | Jose Grimm (5)           | RWa  | Richard Walker (2)         |
| CAR   | Chris A. Rowley (14)          | JJN   | Jarmo Niemelä (1)        | ReSt | Rebecca Stiels (2)         |
| CBC   | Charles B. Cameron (17)       | JLV   | Juan Luis Varona (1)     | SCo  | Steven Douglas Cochran (1) |
| CBa   | Cristian Battaglia (2)        | JMH   | Jean-Michel Huffle (11)  | SEg  | Stephen Eglen (1)          |
| CBe   | Claudio Beccari (22)          | JS    | Joachim Schrod (6)       | SPe  | Saša Petrović (2)          |
| CKr   | Claudia Krysztofiak (35)      | JTa   | Juhani Takkinen (1)      | THa  | Thorsten Hansen (19)       |
| DAI   | Daniel Alonso i Alemany (15)  | LHe   | Lars Hellström (2)       | TMW  | Thomas Widmann (3)         |
| DAR   | Donald Arseneau (5)           | LMa   | Lars Madsen (1)          | TMi  | Tom Micevski (1)           |
| DCa   | David Carlisle (1)            | LSchu | Lothar Schumacher (1)    | TSS  | Tommi Syrjänen (5)         |
| DHL   | Dan Luecking (14)             | MBr   | Marion Braams (6)        | UFi  | Ulrike Fischer (54)        |
| DIs   | Daniel Isaacson (1)           | MGo   | Michel Goossens          | UZi  | Uwe Ziegenhagen (1)        |
| DSch  | Dirk Schlimm (3)              | MHCL  | Martin Hiu Chung Law (1) | V-Li | Christian Faulhammer (2)   |
| ERy   | Elizabeth Ryan (1)            | MHe   | Martin Hensel (4)        | VPe  | Vivi Petersen (1)          |
| FHa   | Ferdy Hanssen (1)             | MHo   | Morten Høgholm (3)       | VVo  | Vladimir Volovich (1)      |
| FMi   | Frank Mittelbach (116)        | MKo   | Markus Kohm (1)          | WAd  | William Adams (1)          |
| GBa   | Gerhard Bachmaier (1)         | MKu   | Markus Kuhn (11)         | WaS  | Walter Schmidt (5)         |
| HOB   | Heiko Oberdiek (13)           | MLa   | Mark Laplante (1)        | YiL  | Yiannis Lazarides (1)      |
| HPB   | Harold P. Boas (1)            | MLi   | Martin Liebmann (1)      | YvH  | Yvon Henel (2)             |
| HVo   | Herbert Voss (1)              | MSc   | Martin Schröder (7)      | hajk | Henk Koster (1)            |
| HjG   | Hubert Gäßlein (314)          | MSch  | Michael Schutte (2)      | usw  | Ulrich Dirr (11)           |
| 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.,

`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 the erratum*

Here is an example:

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