

README for project latex-tds

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1. Project latex-tds

Bundle `latex-tds' provides a set of ZIP file modules containing TDS-compliant trees for items of the LaTeX distribution (both the base system and required packages), together with `user-friendly' documentation (PDF files with navigation support using bookmarks and links).

Version:

2013/03/10

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CTAN home page with distribution files:

CTAN:macros/latex/contrib/latex-tds/

Source repository (without distribution files):

1.1. How it has started

The project started as I wanted to install the new LaTeX release 2005/12/01 that was announced at 2006/04/27. However the files are not packed in TDS format, ready for unpacking in the destination directory. And the documentation files were not yet generated or the provided PDF files are lacking of basic features such as bookmarks or link support. Thus this project has started. I thought it could be finished during the afternoon at the day of the announcement ...

1.2. Goals of the project

- From the sources a TDS compliant tree is constructed and populated. The zipped result is distributed.
- All the documentation is generated from the sources. The PDF files are user friendly and provide navigational support with bookmarks and links.
- The PDF files are post-processed to reduce the file size.

1.3. Scope

I do not have the time to assemble a TeX distribution with thousands of packages. Therefore I restricted myself to the LaTeX base distribution and the required bundles. In the following I will use the term 'module' for a package bundle.

1.4. Module list

The link addresses are the sources for the modules.

base

[CTAN:macros/latex/base.zip](#)
[CTAN:macros/latex/doc.zip](#)
<http://www.latex-project.org/guides/lb2.err>
<http://www.latex-project.org/guides/lgc2.err>
<http://www.latex-project.org/guides/manual.err>
<http://www.latex-project.org/guides/tlc2.err>

tools

[CTAN:macros/latex/required/tools.zip](#)

cyrillic

[CTAN:macros/latex/required/cyrillic.zip](#)

amslatex

[CTAN:install/macros/latex/required/amslatex/amscls.tds.zip](#)
[CTAN:install/macros/latex/required/amslatex/math.tds.zip](#)
[CTAN:macros/latex/contrib/amsrefs.zip](#)
[CTAN:macros/latex/required/amslatex.zip](#)
<ftp://ftp.ams.org/pub/tex/amsrefs/amsrefs.zip>
<ftp://ftp.ams.org/pub/tex/amscls.zip>
<ftp://ftp.ams.org/pub/tex/amsmath.zip>

amsfonts

[CTAN:install/fonts/amsfonts.tds.zip](#)

psnfss

[CTAN:macros/latex/required/psnfss.zip](http://ctan.org/ctan/macros/latex/required/psnfss.zip)

babel

[CTAN:macros/latex/required/babel.zip](http://ctan.org/ctan/macros/latex/required/babel.zip)

tds

[CTAN:tds.zip](http://ctan.org/ctan/tds.zip)

knuth

[CTAN:systems/knuth/dist/errata.zip](http://ctan.org/ctan/systems/knuth/dist/errata.zip)

[CTAN:systems/knuth/dist/etc.zip](http://ctan.org/ctan/systems/knuth/dist/etc.zip)

[CTAN:systems/knuth/dist/mfware.zip](http://ctan.org/ctan/systems/knuth/dist/mfware.zip)

[CTAN:systems/knuth/dist/texware.zip](http://ctan.org/ctan/systems/knuth/dist/texware.zip)

[CTAN:systems/knuth/dist/web.zip](http://ctan.org/ctan/systems/knuth/dist/web.zip)

[CTAN:systems/knuth/dist/tex.zip](http://ctan.org/ctan/systems/knuth/dist/tex.zip)

[CTAN:systems/knuth/dist/mf.zip](http://ctan.org/ctan/systems/knuth/dist/mf.zip)

etex

[CTAN:systems/e-tex/v2.1/etex_doc.zip](http://ctan.org/ctan/systems/e-tex/v2.1/etex_doc.zip)

2. Abbreviations, Glossary

CTAN

Comprehensive TeX Archive Network.

FAQ entry: <http://www.tex.ac.uk/cgi-bin/texfaq2html?label=archives>

For example, you can resolve the prefix CTAN : by using

<http://mirror.ctan.org/>.

latex-tds

The name of this project.

TDS

TeX Directory Structure.

FAQ entry: <http://www.tex.ac.uk/cgi-bin/texfaq2html?label=tds>

Specification: <http://www.ctan.org/pkg/tds>

3. Download

The home of the project is located at:

[CTAN:macros/latex/contrib/latex-tds/](http://ctan.org/ctan/macros/latex/contrib/latex-tds/)

The following files can be downloaded:

- [README](#), [README.html](#), [README.pdf](#): The README file in different formats.
- [<module>.tds.zip](#): The module distribution files, see section '[Module list](#)' above for the available modules.
- [source.tds.zip](#): The sources, mainly the build script, configuration and driver files, and patches. Some of the used tools are not provided, see section '[Build Hints](#)'.
- [latex-tds.tds.zip](#): The universe, the contents of all the ZIP files above, merged together.

4. Installation Hints

Hopefully the result of this project helps you in the installation process. You get a TDS compliant tree just by unpacking.

Example:

```
cd /some/where/texmf
unzip latex-tds
```

or unzip's option `-d`:

```
unzip latex-tds -d /some/where/texmf
```

Instead of the universe ZIP file single modules can be selected.

Important to remember, point your unpack process right in the root directory of your TDS tree. The directory structure in the ZIP files start with the top-level directories:

```
doc/latex/base/...
tex/latex/tools/...
source/...
```

Rationale: The root directory of a TDS tree can have different names, such as texmf-dist, texmf-local, ...

4.1. Hints

- Refresh the file name database.
- Be aware that unpacking can insert and update files, but never deletes obsolete ones. Reminders of previous releases can cause trouble.
- Depending on the module further installation steps can be necessary, consult the module's own documentation.

4.1.1. Module base

- The default `texsys.cfg` that LaTeX provides is put into `TDS:tex/latex/base`. It must be removed, if you need a specialized version. Consult your TeX distribution and [TDS:doc/latex/base/source2e.pdf](#) (module `ltdirchk`). Usually changes are not required for many TeX distributions such as Unix (web2c), MikTeX, ...
- Formats need rebuilding (e.g., `fmtutil`).

4.1.2. Module babel

- Most hyphenation patterns are not provided here. Usually you can find them somewhere below [CTAN:language/hyphenation/](#).
- Language configuration (`language.dat`), see the documentation of your TeX distribution.

- Formats need rebuilding.

4.1.3. Module psnfss

- The map files need further configuring (e.g., updmap).

4.1.4. Module graphics

- Module graphics does not provide all driver files, because some are developed independently (`pdftex.def`, ...).

5. Copyright, License

Copyright © 2006-2013 Heiko Oberdiek.

License is **LPPL 1.3c**:

This work may be distributed and/or modified under the conditions of the LaTeX Project Public License, either version 1.3 of this license or (at your option) any later version. The latest version of this license is in

<http://www.latex-project.org/lppl.txt>

and version 1.3c or later is part of all distributions of LaTeX version 2005/12/01 or later.

This work has the LPPL maintenance status ‘maintained’.

The Current Maintainer of this work is Heiko Oberdiek.

See the following section ‘[Manifest](#)’ for a list of all files belonging to the project ‘latex-tds’.

6. Manifest

Included are the projects ‘adjust_checksum’ and ‘ziptimetree’. They are projects of their own.

6.1. Documentation

README	plain text file
README.html	standalone HTML file
README.pdf	PDF version
README.asciidoc	main source code in text document format AsciiDoc
README-docinfo.html	source code, read by asciidoc to generate README.html

6.2. Licenses

<code>license/lppl.txt</code>	LPPL (The LaTeX Project Public License) for latex-tds and adjust_checksum
<code>license/ziptimetree/lgpl.txt</code>	LGPL (GNU Lesser General Public License) for ziptimetree

6.3. Scripts

<code>build.pl</code>	main script for building the distribution
<code>lib/adjust_checksum.pl</code>	Perl script that runs a DTX file through LaTeX and corrects its <code>\Checksum</code> if necessary
<code>lib/ziptimetree.pl</code>	Perl script that generates a ZIP file from a directory tree with sorted entries (LGPL)

6.4. Configuration

<code>tex/docstrip.cfg</code>	enables TDS feature and creates directories
<code>tex/errata.cfg</code>	for errata lists of latex/base
<code>tex/hyperref.cfg</code>	hyperref configuration file
<code>tex/ltnews.cfg</code>	for LaTeX News of latex/base
<code>tex/ltugboat.cls</code>	setup for class ltugboat
<code>tex/ltxdoc.cfg</code>	setup for class ltxdoc
<code>tex/ltxguide.cfg</code>	setup for the guide manuals in latex/base and required/psnfss
<code>tex/lualatex-tds.ini</code>	init file for format generation for LuaTeX
<code>tex/lualatex-tds2.ini</code>	init file for LuaTeX format without LM Math
<code>tex/manual.cfg</code>	setup for errata list of the LaTeX manual in latex/base
<code>tex/pdflatex-tds.ini</code>	init file for format generation for pdfTeX
<code>tex/tdsguide.cfg</code>	setup for class <code>tdsguide.cls</code>

6.5. Documentation driver

<code>tex/ams.drv</code>	generic doc driver for files from the amslatex and babel bundle
--------------------------	---

<code>tex/babel.tex</code>	doc driver with patches for <code>babel.drv</code>
<code>tex/doc_lpp1.tex</code>	doc driver for <code>base/lpp1.tex</code>
<code>tex/errata.all</code>	doc driver for <code>knuth/errata/errata.pdf</code>
<code>tex/errata.drv</code>	doc driver for <code>knuth/errata/errata_*.pdf</code>
<code>tex/errorlog.drv</code>	doc driver for <code>knuth/errata/errorlog.tex</code>
<code>tex/etex_man.drv</code>	doc driver for <code>etex/etex_man.tex</code>
<code>tex/greek-usage.tex</code>	doc driver with patches for <code>babel/usage.tex</code>
<code>tex/knuth.drv</code>	doc driver for <code>knuth/{texware,mfware,etc}+/*.web+</code>
<code>tex/ltnews.tex</code>	master file that merges all <code>base/ltnews*.tex</code>
<code>tex/ltxcheck.drv</code>	doc driver with patches for <code>ltxcheck.tex</code>
<code>tex/psnfss2e.drv</code>	doc driver with patches for <code>psnfss2e.tex</code>
<code>tex/tools-overview.cls</code>	class for <code>tools.tex</code>
<code>tex/tools.tex</code>	master file for tools overview, generated by the <code>build.pl</code> script from <code>tools/manifest.txt</code>

6.6. Patches

Diff/patch file	Patched file
<code>patch/amscldoc.dtx.diff</code>	<code>amslatex/amscldoc.dtx</code>
<code>patch/amsfndoc.def.diff</code>	<code>amsfonts/amsfndoc.def</code>
<code>patch/amsfndoc.tex.diff</code>	<code>amsfonts/amsfndoc.tex</code>
<code>patch/amslldoc.tex.diff</code>	<code>amslatex/amslldoc.tex</code>
<code>patch/changes.tex.diff</code>	<code>amslatex/amsrefs/changes.tex</code>
<code>patch/encguide.tex.diff</code>	<code>base/encguide.tex</code>
<code>patch/hebrew.fdd.diff</code>	<code>babel/hebrew.fdd</code>
<code>patch/logmac.tex.diff</code>	<code>knuth/errata/logmac.tex</code>
<code>patch/source2e.tex.diff</code>	<code>base/source2e.tex</code>
<code>patch/tlc2.err.diff</code>	<code>base/tlc2.err</code>
<code>patch/trapman.tex.diff</code>	<code>knuth/mf/trapman.tex</code>
<code>patch/tripman.tex.diff</code>	<code>knuth/tex/tripman.tex</code>
<code>patch/utf8ienc.dtx.diff</code>	<code>base/utf8ienc.dtx</code>
<code>patch/webman.tex.diff</code>	<code>knuth/web/webman.tex</code>

7. Design Principles

- Compliance with the latest TDS specification.
- No redundancy.
- User friendly PDF files with navigational support:
 - bookmarks
 - links
- Complete documentation. The documentation generation with enhanced PDF files is the tricky part and should be saved from the user.
- Output format of generated documentation is PDF, see above. Other formats such as DVI or PS are not generated and provided.
- Documentation bundles are preferred to many partial documentation files (e.g. [source2e.pdf](#) or [ltnews.pdf](#)).
- If several expansion stages of a documentation are available, then just the most complete expansion stage should be used.
- Files that do not fit in a program sub tree of TDS stay below [TDS:source](#) (e.g. [latexbug.el](#) from latex/base). Then they do not get lost at least.
- Page layout: [a4paper](#) with reduced vertical margins (exception: ltnews). (This also decreases the page number usually.)
- ...

8. Remarks

8.1. Base

- [source2e.pdf](#) is used instead of many single [lt*.pdf](#) files.
- [ltnews.pdf](#) is introduced to avoid cluttering the doc directory with many single sheet [ltnews*.pdf](#) files.
- Patch for [lftssdc1.dtx](#): Checksum fixed.
- ...

8.2. Tools

- Added: [tools.pdf](#) as overview/contents/index file with links and short descriptions of the single packages. (It uses the data from [manifest.txt](#)).
- ...

8.3. Babel

- Babel's TeX files consists of three groups of files:
 1. Hyphenation pattern, see below.

2. Generic files:

- `*.ldf` (language definition files)
- `*.sty` (from `bbcompat.dtx`, these are plain TeX files, LaTeX user have the package babel)
- `babel.def`, `switch.def`
- `plain.def`
- `b*plain.tex`
- `esbst.tex`

3. LaTeX files:

- `*.fd`
- `*enc.def` (for package fontenc)
- `cp*.def`, `8859-8.def`, `si960.def` (for package inputenc)
- `babel.sty`
- `romanidx.tex`
- `athnum.sty`, `grmath.sty`, `grsymb.sty` (`greek.ins`)
- `heb*.sty`

Full TDS compliance would use different format subtrees for the generic and LaTeX files. However practice (TeX Live, TeTeX, VTeX, ...) put them in `generic`, mainly because of maintenance issues. Also babel's `*.ins` files specify `\usedir{tex/generic/babel}`. There can be problems, if different TDS trees have different babel versions installed and the same file can be found both in generic and latex. The natural search strategy for TDS compliant trees would be to look first in `tex/latex` across the trees, then in `tex/generic`. Thus it can happen to use files from the same package, but different versions. Therefore latex-tds put these files in the `generic` subtree.

- Babel already contains `babel.pdf` as documentation. It is a superset of `user.pdf`. Thus I have dropped the latter one to avoid redundancy. Also the name `babel.pdf` is much more useful (texdoc).
- ...

8.4. Knuth

- Current CTAN → TDS mapping in use: `CTAN:systems/knuth/dist` → `TDS:<toplevel>/knuth`
- Unsure where to put trip/trap files. Currently they are put in `TDS:source`, because the documentation files (`tripman.pdf`, `trapman.pdf`) are in `TDS:doc`. They lists the trip/trap files already.
- Not covered is `CTAN:systems/knuth/dist/lib/` In TeX Live 2007/2008 the files are installed at different locations:

```
texmf-dist/fonts/source/public/mflogo/logo10.mf
texmf-dist/fonts/source/public/mflogo/logo8.mf
texmf-dist/fonts/source/public/mflogo/logo9.mf
texmf-dist/fonts/source/public/mflogo/logobf10.mf
```

```

texmf-dist/fonts/source/public/mflogo/logo.mf
texmf-dist/fonts/source/public/mflogo/logosl10.mf
texmf-dist/fonts/source/public/misc/grayf.mf
texmf-dist/fonts/source/public/misc/manfnt.mf
texmf-dist/fonts/source/public/misc/slant.mf
texmf-dist/metafont/base/expr.mf
texmf-dist/metafont/base/io.mf
texmf-dist/metafont/base/null.mf
texmf-dist/metafont/base/plain.mf
texmf-dist/metafont/misc/3test.mf
texmf-dist/metafont/misc/6test.mf
texmf-dist/metafont/misc/rtest.mf
texmf-dist/metafont/misc/test.mf
texmf-dist/metafont/misc/waits.mf
texmf-dist/metafont/misc/ztest.mf
texmf-dist/mft/base/cmbase.mft
texmf-dist/mft/base/plain.mft
texmf-dist/tex/generic/misc/null.tex
texmf-dist/tex/plain/base/manmac.tex
texmf-dist/tex/plain/base/mftmac.tex
texmf-dist/tex/plain/base/plain.tex
texmf-dist/tex/plain/base/story.tex
texmf-dist/tex/plain/base/testfont.tex
texmf-dist/tex/plain/base/webmac.tex
texmf/tex/generic/hyphen/hyphen.tex

```

8.5. e-TeX

- Only the manual ‘etex_man’ is covered by this module.

9. Build Hints

The most important advice I can give: ‘Forget it!’ The purpose of the source files are rather to show, what was done in which way. The *.zip with TDS trees are the goal of the project, not the build process. Some remarks, if someone wants to build the modules himself:

- TeX compiler: LuaTeX and pdfTeX (≥ 1.30).
- An up-to-date LaTeX installation, at least TeX Live 2012.
- Additional packages can be necessary, e.g. [CTAN:language/armenian/armtex.zip](http://ctan.org/language/armenian/armtex.zip) is not part of TeX Live 2012.
- Most of the PDF files are generated using lualatex and package ‘fontspec’ that uses the Latin Modern fonts as default. They are available as OpenType fonts. LuaTeX generates with OpenType fonts considerably smaller PDF files. Also PDF object stream compression is used (PDF 1.5). Therefore the further post-processing of PDF files are currently dropped.
- (Outdated since 2011-07-01) PDF post-processing, I have used two steps:
 1. First step:
 - a. I have written a tool that analyzes page stream contents and optimizes them (removal of unnecessary color settings, minimize translation operations, ...) → [pdfbox-rewrite.jar](#).

- b. For reading and writing the PDF file I have used PDFBox → `PDFBox-0.7.2.jar` (<http://pdfbox.apache.org/>).
 - c. To get better results I patched some of the classes of PDFBox (especially the write module) → `pdfbox-rewrite.jar`.
2. The final conversion step was done by Multivalent, because it makes a very good job in PDF compression: → `Multivalent20060102.jar` (<http://multivalent.sourceforge.net/>)

Multivalent and PDFBox are available, `pdfbox-rewrite.jar`, however, is just a first prototype, not ripe for a release. Therefore this step of post-processing is optional for the project latex-tds. The build script looks for the library and skips this steps automatically if necessary. If you give the build script the option `--nopostprocess`, then it will skip the postprocess steps (building is faster, the pdf files a little larger). Install the jar files in the directory `lib` where they are expected by the build script.

- Unix, Perl background is expected.
- No support or documentation.

10. History

2006/04/27

- Start of the project (without babel, amslatex, psnfss).

2006/06/01

- Module amslatex added.

2006/06/03

- Modules psnfss and babel added, now all modules are covered.

2006/06/07

- The project uploaded to CTAN.

2006/07/31

- Index added to base/classes.dtx.
- ZIP files renamed: `*-tds.zip` → `*.zip`
- Comment added to ZIP files.
- Update of `readme.txt`.

2006/08/26

- Module tds for CTAN:tds/ added.
- Obsolete hyphenation patterns added to babel's source directory to avoid violation of LPPL.
- Script `adjust_checksum` added and scripts are put below `TDS:scripts`.
- `TDS:makeindex/base/` renamed to `TDS:makeindex/latex/`
- Exception for `sample2e.tex` and `small2e.tex` that now go into `TDS:tex/latex/base/`.

2006/08/28

- Default `texsys.cfg` is generated.

- `adjust_checksum.pl` and `ziptimetree.pl` now moved from the `scripts` branch to `TDS:source/latex/latex-tds/lib/`.

2006/12/27

- Fix of `ltxguide.cfg` that had loaded `doc.sty` that disturbs the verbatim stuff in `fntguide.tex`.

2007/01/08

- Fix for documentation of `longtable`.

2007/03/19

- Patch for `babel/latin.dtx` added (babel/3922).

2007/09/04

- A minor update on CTAN regarding `babel`: `iahyphen.tex`, `icehyph.tex`, and `lahyph.tex` are now symbolic links to their location in CTAN:language/hyphenation/. Therefore also `lahyph.tex` is now installed in `TDS:tex/generic/hyphen/`.

2007/10/18

- Update of module `amslatex` because of updated package `amsrefs`.
- Fix in `latin.dtx.diff`.

2007/10/24

- Update of `babel`.
- Update of `amsrefs` (`TDS:tex/latex/amscs` → `TDS:tex/latex/amsrefs`).

2008/04/01

- Update of `babel` (2008/03/17).

2008/04/02

- Fix: `latex/base/*.err` added to `TDS:source/latex/base/`.

2008/04/05

- Using `.tds.zip` instead of `.zip` to follow `CTAN:install`'s naming conventions.

2008/06/28

- Update of `babel` (2008/06/01).
- Babel documentation: table of contents reformatted.

2008/07/07

- Update of `babel` (2008/07/06).

2008/07/10

- Module `knuth` added.
- Update of `babel` (2008/07/07).

2008/07/11

- Fixes and additions for module `knuth`.

2008/07/25

- Module amslatex: [instr-1.tex](#) vanished from CTAN (but not at AMS side).
- Some unwanted spaces in generated PDF files fixed. (Caused by a wrong package file that was found on my system first.)

2008/08/10

- Module latex3 added.
- Module base: CTAN hyperlinks fixed.
- Module amslatex: Outdated URL fixed in [amslldoc.tex](#).
- Module babel: Problem with already defined `\meta` in [tb1604.tex](#) fixed.

2008/09/06

- Module base:
 - Using uptodate versions from LaTeX project page for errata lists.
 - [lgc2.err](#) added (LaTeX Graphics Companion, 2. ed.).
 - Various fixes in errata lists.
- Module tools: [array.dtx](#): documentation fixed (tools/4044).

2008/09/10

- Module base: Missing title date for utf8ienc.pdf fixed.

2009/09/05

- Module amslatex: updated.
- Module latex3: xpackages updated.
- Module latex3: expl3 removed, because nothing to do.

2009/09/25

- Module amslatex: updated.
- Module babel: updated.
- Update of LaTeX, release 2009/09/24.

2009/12/07

- Module amslatex: Unhappily the [.zip](#) files are quite a mess, because they contain a mixup of old and new versions. Tried to sort this out and fix the last update.
- Module latex3: xpackages removed, because nothing to do.
- Module latex3 removed, nothing left to do.

2010/05/04

- Module base: page layout for source2e fixed (changes, index).
- Module base: update of [.err](#) files.

2010/10/27

- Module amslatex: amscls and amsrefs updated.
- Module etex added (only for etex_man).
- Erratas updated.

2011/03/10

- Module base: patch for latex/4148 (Missing `\label` and `\ref` in

[lpp1.tex](#)).

2011/04/18

- Module amslatex: There is an outdated version of amsthm.sty in [CTAN:install/macros/latex/required/amslatex/amscls.tds.zip](#). The package `amsthm.sty` is now generated from the source.
- Using TDS tree for missing packages that are not part of TeX Live. Module base: [CTAN:language/armenian/armtex.zip](#).

2011/06/24

- Module amslatex: Two downloads from AMS server removed, because the files are not longer available (and they are on CTAN).
- Module amslatex: 00readme.txt and amsrefs.dtx taken from [CTAN:macros/latex/contrib/amsrefs.zip](#) instead of [CTAN:install/macros/latex/contrib/amsrefs.tds.zip](#) because the later archive file is out of sync.

2011/06/30

- Module base:
 - Update of LaTeX, release 2011/06/27.
 - Patch [ltpatch.ltx](#) to match the kernel version.
 - Patch [lpp1.tex.diff](#) removed (no longer needed).
 - Patch [ltfssdcl.dtx.diff](#) added (checksum fixed).
- Module tools: Release 2011/06.
- Module babel: Release 2011/06.

2011/07/01

- PDF generation:
 - Use of LuaTeX instead of pdfTeX for most of the files.
 - Use of package 'fontspec' with Latin Modern fonts as default in OpenType format (smaller PDF file sizes). The post-processing of PDF files is skipped.
 - Various patches and fixes for LuaLaTeX and package 'fontspec'.
- Module base:
 - Update of LaTeX.
 - Patches [ltpatch.ltx.diff](#) and [ltfssdcl.dtx.diff](#) removed (no longer needed).
- Module tools: Update.

2011/07/03

- build.pl:
 - Caching for PDF generation added.
 - 'FINAL' markers in the output of [build.pl](#) for final (Lua|pdf)TeX runs.

2011/07/26

- PDF generation: Use of package unicode-math with Latin Modern Math where possible.

2011/08/10

- Update of tools.

2011/10/05

- Update of tools (varioref).

2011/11/16

- Update of babel.

2012/05/12

- Update of amslatex (amsrefs).
- Update of `readme.txt` that is renamed to `README` (CTAN convention).
- Update of `tlc2.err`.

2013/02/14

- Update of amslatex (amsrefs).
- Module amslatex: `cite-x*.tex`, `jb.bib` in `TDS:source/`, because these files are now classified as test files.
- Module base: `lb2.err` and `tlc2.err` updated.
- Change in version control system from CVS to git with public source repository.

2013/02/15

- Module amsfonts added.

2013/02/25

- Patch file `lb2.err.diff` removed by call of sed inside `build.pl`.
- `README` rewritten in text document format [AsciiDoc](#) and added as HTML and PDF files.
- `README.asciidoc` updated.
- `Makefile`: Target 'check-links' added.

2013/02/26

- `README` generated from `README.asciidoc` via `README.html`.

2013/02/27

- `README.asciidoc`: Additions and updates.
- `README.pdf` generated by wkhtmltopdf via `README.html`.

2013/03/07

- Update of amslatex (amsrefs 2013/03/06 v2.13).

2013/03/10

- Update of amslatex (amsrefs 2013/03/07 v2.14).