# hyperref.sty v7.01h 2024-01-20

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ChangeLog 2024-01-20 Ulrike Fischer \* hyperref.dtx: alias for \deferred@thm@head to allow patching if czech is used, issue #324 2024-01-20 Ulrike Fischer  $\ast$  create xr-hyper.dtx, align it with the current xr.dtx to prepare the merge Version: 2024-01-20 v7.01h 2024-01-19 Ulrike Fischer \* xr-hyper.sty: add support for properties, issue latex3/latex2e#1180 2024-01-19 Ulrike Fischer \* xr-hyper: add unexpanded to \XR@@dURL, issue #327 2023-12-19 Ulrike Fischer \* hyperref.dtx: remove letltxmacro package. Is unused. Version: 2023-11-26 v7.01g nameref 2023-11-26 v2.56 backref 2023-11-26 v1.44 2023-11-26 David Carlisle \* hyperref.dtx: Remove infwarerr 2023-11-26 Ulrike Fischer \* xr-hyper.sty: store URL/file name of external documents always to allow file links even without destinations. \* nameref.dtx remove unneeded memoir patch \* nameref.dtx remove unneeded titlesec patch \* rename \HyPsd@expand@utfvii to \HyPsd@expand@utfviii, issue #309 \* correct composite declaration, issue #314 2023-11-14 Ulrike Fischer  $\boldsymbol{*}$  remove ltxcmds dependency in hluatex.dtx \* remove ltxcmds dependency in nameref.dtx (v2.56) \* remove ltxcmds dependency in backref.dtx (v1.44) 2023-11-11 David Carlisle \* remove ltxcmds dependency Version: 2023-11-09 v7.01f 2023-11-09 Ulrike Fischer \* correct \cyreref to \cyrerev issue 307

<sup>\*</sup> http://xyoshiki.web.fc2.com/

- \* corrent \textddagger definition issue 308
- \* correct \DiamandSolid to \DiamondSolid in \psdmapshortnames issue 310
- \* correct \textDiamandSolid to \textDiamondSolid issue 310
- $\ast$  remove now unneeded fallbacks for reference commands
- \* nameref: remove unneeded beamer patch \* nameref: remove unneeded ifthen patch

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Version: 2023-11-?? v7.01e

2023-11-07 Ulrike Fischer

- \* improve thm code, issue 304
- \* insert socket for varwidth, issue 204 and 293

2023-10-31 Ulrike Fischer

\* hyperref-linktarget.dtx: switch to e-type

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Version: 2023-10-27 v7.01d

2023-10-27 Ulrike Fischer

\* hyperref.dtx: change anchor handling for amsthm, issue 304

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Version: 2023-10-21 v7.01c

2023-10-16 Ulrike Fischer

\* hyperref.dtx: add \@currentHpage support

2023-10-12 Ulrike Fischer

- \* hyperref.dtx: handle \TextOrMath in \pdfstringdef, issue 303
- $\boldsymbol{\ast}$  support babel languages loaded with main or

with \babelprovide, issue 165

2023-10-05 Ulrike Fischer

\* nameref.dtx: add missing nameref nopatches issue 302, version changed to 2023-10-05 v2.54

2023-08-14 Ulrike Fischer

- $\boldsymbol{\ast}$  remove redefinition of \newlabel from the aux if format is new enough.
- $\boldsymbol{\ast}$  clean up and update documentation of package compabilities

2023-08-01 Ulrike Fischer

st correct example in backref documentation, version changed to 2023-08-01 v1.43

2023-07-18 Ulrike Fischer

\* delay anchor in  $\backslash \text{Othm}$ , issue 294

2023-07-10 Ulrike Fischer

st solve amsmath/showkeys/final conflict, issue 292

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Version: 2023-07-08 v7.01b

2023-07-07 Ulrike Fischer

- \* make \Hy@@SectionAnchor safe in a MakeUppercase, issue 281
- \* reset also \ltx@label of amsmath (avoids problems with ntheorem and classes like symono)

2023-06-25 Ulrike Fischer

\* define the amsmath \ifmeasuring@ always as external package depend on hyperref doing it.

#### 2023-06-18 Ulrike Fischer

- \* changed various patches for amsmath to make them independent of loading order.
- \* nameref: check the definition of label and reinstate the kernel definition if it has been changed.

  This avoid problems with classes (revtex) and packages (ntheorem) which changes \label in an incompatible way.

#### 2023-05-16 Ulrike Fischer

- \* remove puenc-greekbasic.def and load definitions from greek-fontenc instead.
- \* xr-hyper: unified and simplified the brace handling: all defined references have now five brace groups. Together with the planed change in LaTeX 2023-06-01 this will improve the combination of hyperref/non-hyperref documents and allow to merge with xr
- \* xr-hyper: changed default extension from dvi to pdf
- \* nameref: adapt label (re)definition to changes in LaTeX 2023-06-01

#### 2023-04-22 Ulrike Fischer

- \* fix cleveref/ntheorem incompability https://tex.stackexchange.com/q/683581/2388
- \* add nopatch option for  $\d$ thm

#### 2023-04-20 Ulrike Fischer

- \* fix spacing issues in theorems with new \@thm handling, issues 11,48. This requires etoolbox and the LaTeX para hooks.
- \* Adapted MakeUppercase and MakeLowercase to new \BCPdata used by babel and polyglossia.
- \* added swissgerman and nswissgerman, issue #264
- \* removed stray \CheckSum from backref.dtx

#### 2023-04-19 Ulrike Fischer

\* support hitex engine

#### 2023-02-19 Yukai Chou

\* remove dependency on etexcmds package

#### 2023-02-19 Ulrike Fischer/David Carlisle

- \* expand key once, issue #275
- \* added italian to backref, PR # 274
- st added swedish to autoref names, PR #266

#### 2023-02-05 Ulrike Fischer/David Carlisle

\MakeUppercase and \MakeLowercase

respects the rules of the current locale/language in the bookmarks.

- \* removed old amstex patch of \@seteqlabel
- $* \ \mathtt{added} \ \mathtt{test} \ \mathtt{for} \ \mathtt{\hyper@nopatch@amsmath@tag} \ \mathtt{to} \ \mathtt{allow} \ \mathtt{to} \ \mathtt{suppress} \ \mathtt{an} \ \mathtt{amsmath} \ \mathtt{patch}$
- \* added test for  $\mbox{hyper@nopatch@mathenv}$  to suppress math related patches
- \* added test for \hyper@nopatch@toc to suppress redefinition of toc related commands.

#### 2023-02-04 Yukai Chou

\* change puenc-greek.def to puenc-greekbasic.def in docs, to sync with file renaming, issue #269

2022-11-13 Ulrike Fischer/David Carlisle \* don't set the pagesize if \mag is different from 1000, see issue #1138 in latex3. \* avoid error from old labels if hyperref is loaded, issue #261 \* fixed issue #260 \* fixed a nopatch command, issue #258 \* Use protected commands in \contentsline to allow the use of \MakeUppercase, issue #121

#### 2022-09-22 Ulrike Fischer/David Carlisle

- \* adapt setpagesize option to changes in LaTeX (stockwidth is always defined)
- \* Use hooks instead of auxhook package

# 2022-06-20 Ulrike Fischer/David Carlisle

- \* don't redefine \@secondoffive and \@fifthoffive, issue #238
- st add interface to access some pdf related values unchanged (needed by hyperxmp).

#### 2022-06-13 Ulrike Fischer/David Carlisle

\* add definitions for guillemet (corrects the spelling) and use them to follow the LaTeX change.

#### 2022-05-17 Ulrike Fischer/David Carlisle

\* fixed: beamer patch in nameref has to be delayed after the class has been loaded. issue #236.

#### 2022-05-16 Ulrike Fischer/David Carlisle

- \* fixed: check if \nameref is already defined for compability with ltugboat.cls (issue #234)
- \* nameref is loaded always and earlier (issue#235)
- \* the typexml option has been removed as the package it supports no longer exists.

#### 2022-05-13 Ulrike Fischer/David Carlisle

- \* added new interface for package authors to create targets for internal links
- \* allow to suppress sectioning and footnote patches of hyperref
- \* removed loading of memhfixc: memoir handles that now by itself.
- \* removed an old patch for KOMA before 2001
- \* removed compability code for pdftex 1.14
- \* remove a test for amsmath before 1999
- \* removed an since 2002 unneeded definition for subfigure
- \* various patches in nameref can now be disabled by package authors by defining a command.
- \* the experimental option localanchorname has been deprecated
- \* LaTeX 2020-10-01 is required as hooks are used now.
- \* \refstepcounter no longer tests for the slide counter as no reason could be found for that test.
- \* nameref no longer patches \ifthenelse if kernel support is detected.
- \* some support for references is done by tex4ht directly and has been removed from hyperref
- \* unified reference commands, both nameref and hyperref now support \ref, \pageref, \Ref, \nameref and \ref\*, \pageref\*, \Ref\*, \nameref\*
- $\boldsymbol{\ast}$  removed older varioref code, a varioref newer than 2019 is now needed.
- \* improved support for showkeys.
- \* \theHequation is always defined (an not only if the section counter is defined)
- \* Removed the \contentsline tests, no longer needed as \contentsline has now four arguments also in latex.
- \* \MakeUppercase and \MakeLowercase work now in bookmarks if the expl3 support is detected.

#### 2022-02-21 Ulrike Fischer/David Carlisle

- $\ast$  a pdftex version newer than 1.10 (from 2003) is assumed
- \* removed tests for numexpr/dimexpr: etex is now required
- \* expand utf8 chars even if they are protected (preparation for changes in the format)
- \* moved patches for revtex.cls to an external package
- \* added a key next-anchor to set the next anchor name.
- \* added a command \hyperget to retrieve anchor names.
- \* moved the patch for foiltex into an external package
- \* removed compability code for latex2html, this is now provided by html.sty directly.
- st removed patch for seminar, this is now in the class itself
- \* moved (basically unneeded) listings patches to external package
- \* removed patch for titletoc, is now done by titletoc itself.
- \* removed lastpage patch, is no longer used as lastpage supports hyperref directly.
- \* removed non-e-tex version of \hypercalcbp, e-tex is required

for hyperref now, removed the now unneeded internal command \hypercalcbpdef.

- \* removed old, no longer needed fix for frenchb.ldf 2010/08/21 v2.5a
- \* removed patches for spanish, they are now in spanish.ldf
- \* removed hyperref-langpatches.sty, it is now empty and unneeded.
- $\boldsymbol{\ast}$  removed a fix for varioref which is no longer needed since 2019.

#### 2021-06-07 Ulrike Fischer/David Carlisle

\* fix colons in label. issue #194

#### 2021-06-05 Ulrike Fischer/David Carlisle

- \* handle non-ascii labels, issue #185
- \* suppress break points after whatsits issue #187
- \* correct longtable check, issue #193

#### 2021-02-27 Ulrike Fischer/David Carlisle

- \* rename puenc-greek.def to puenc-greekbasic.def to resolve name conflict with a file in greek-fontenc, issue #177
- \* some documentation improvements (PR #174)

#### 2021-02-10 Ulrike Fischer/David Carlisle

- \* moved the PU-declarations for greek to an extra file puenc-greek.ldf and force loading if the options psdextra is used
- \* moved definition for \U accent into the cyrillic block.

  So it is only defined if \CYRDZE has been defined previously.
- \* Some clarifications in the manual.
- \* added \special{dvipdfmx:config C 0x10} to the xetex and dvipdfmx driver to avoid problems with links to external files. See issue #118.
- \* if platex is detected unicode is set to false, issue #171
- $\ast$  reverted the delayed loading of puenc.def as it breaks package options issue #172
- \* added a \lastnodetype test to distinguish explict Opt vskip from no skip in Hy@SaveLastskip issue #167
- \* enable setting the pdfversion with the xetex/dvipdfm driver, (related: issue #87)

# 2021-02-08 Ulrike Fischer/David Carlisle

- \* moved definitions for \G accent to an extra file puenc-extra.def, which can be loaded manually
- \* moved the loading of puenc.def so that it can be suppressed with pdflatex
- \* correct the hspace command in pdfstringdef, so that it accepts some calc syntax.

# 2021-02-07 Ulrike Fischer/David Carlisle

- \* renamed the manual to hyperref-doc
- \* moved the license of the documentation into the file
- \* puenc.def defines cyrillic command, specially \C, only if \CYRDZE has been defined previously
- \* puenc.def defines greek commands only if \textBeta has been defined previously
- \* puenc.def defines hebrew command only if \hebdalet has been defined previously
- \* ntheorem-hyper.sty made an obsolete stub as ntheorem has been hyperref-compatible for some years.

# 2021-02-04 Ulrike Fischer

- \* corrected the definition of \begin/\end in \pdfstringdef
- \* removed patches for russian, new version is on ctan
- $\boldsymbol{\ast}$  removed patches for danish, dutch, finnish, portugues, usorbian, swedish, slovene, macedonian, ukrainian.

This doesn't affect the output, but can give warnings in the log until the languages files adapt their definitions.

- \* removed a outdated patch for \texttilde
- \* moved language patches to a extra file for easier handling
- \* removed \HyPsd@BabelPatch and the related code as no longer needed with a current babel.
- \* added Euro to encoding of form field font (issue 145)
- st removed patches for ngerman/german: these are now in babel-german
- st removed patches for french, unneeded according the

babel-french maintainer.

- \* set unicode to true by default for all engines.
- \* removed outdated code to fix the first page boxlevel.
- \* removed outdated code to fix old ltxcmds code
- \* removed outdated code to fix fancyvrb
- \* removed code related to /Hid deprecated in PDF 1.2
- $\boldsymbol{\ast}$  removed patches for greeknumerals, the code is now in babel-greek.
- \* added norsk to autoref languages (PR 158)
- \* added danish to autoref language (PR 159)
- \* corrected french language (PR 160)

#### 2020-01-14 7.00d David Carlisle

- \* Test for newer GhostScript releases in dvips output https://tex.stackexchange.com/a/524163/1090
- \* Delete doc/options.pdf
- \* Add start of support for setting pdfversion to 2.0
- \* Make the default driver be hdvips not hypertex (matching configuration used in miktex/texlive since at least 2002).

# 2019-11-10 7,00c David Carlisle

\* adjust vtex guards for issue #108

# 2019-11-06 David Carlisle

\* don't load hobsub-hyperref,ifpdf,ifluatex,ifxetex,ifvtex do load new iftex

# 2019-10-03 David Carlisle

\* xr-hyper update to match xr

### 2019-09-28 6.88j Ulrike Fischer

\* reverted fix for issue #97 to solve issue #103

# 2019-09-28 David Carlisle

\* repository moved to https://github.com/latex3/hyperref

### 2019-09-27 6.88j Ulrike Fischer

- st corrected default values of fields with non-ascii, issue #49
- \* changed default height/width of formfields to

\normalbaselineskip (issue #84)

\* added definitions for starred \ref,\pageref,\nameref if implicit=false is used (issue #100).

# 2019-09-16 nameref 2.46 Ulrike Fischer

 $\boldsymbol{\ast}$  added missing test else branch of varioref code.

# 2019-09-12 6.88i Ulrike Fischer

\* adapted code to new varioref version (suggestions from Frank Mittelback

#### 2019-09-12 2.45 nameref.sty Ulrike Fischer

\* adapted code to new varioref version (suggestions from Frank Mittelback

#### 2019-06-12 6.88h Ulrike Fischer

\* added code to allow \Hy@DisableOption to escape groups https://github.com/latex3/hyperref/issues/97

#### 2019-04-27 6.88g Ulrike Fischer

- \* added  $\mbox{mu}$  to psdextra.def
  - https://github.com/latex3/hyperref/pull/90
- \* removed setting of /Producer from all drivers https://github.com/latex3/hyperref/issues/91

# 2018-12-24 6.88f Ulrike Fischer

\* gobble \thanks in pdftitle https://github.com/latex3/hyperref/issues/81

#### 2018-11-30 6.88e Ulrike Fischer

\* added ignorespaces to footnotetext to address https://github.com/latex3/oberdiek/issues/50

#### 2018-11-27 6.88d Ulrike Fischer

\* removed wrong producer warning for xetex and (x)dvipdfm(x) (issue 76)

#### 2018-11-22 6.88c Ulrike Fischer

\* Added support for pdflinkmargin for xetex (issue 15)

#### 2018-11-17 6.88b David Carlisle

\* Ensure Producer field in PDF shows LuaTeX version with two digits (Ulrike Fischer)

#### 2018-09-30 6.88a David Carlisle

- \* Reorganise README and ChangeLog moving most of README into the manual and maintaining README.md as markdown and ChangeLog.txt as text
- $\ast$  Document NoHyper in the manual (copied from hyperref.dtx) for github issue 55
- \* hyperref.dtx: Add \protected@file@percent for github issue 70
- $\boldsymbol{\ast}$  Adjust default pdfcreator and add addtopdfcreator key for githb issue 53
- \* Use \scdefault not always sc as font shape for frenchlinks, github issue 64.
- \* Greek Autoref support, issue #52

# 2018-04-02 6.87a David Carlisle

- \* 6.87a
- \* Silence babel messages in pdfstringdef issue #59

# 2018-02-06 6.86b David Carlisle

- \* 6.86b
- \* Fix packaging of luatex.dtx (reported on tex.sx)
- \* Don't include test directory on ctan (still on github)

# 2017-09-29 6.86a David Carlisle

- \* 6.86a
- \* bump version and fix documentation markup
- \* fixes to xsl and other minor build adjustments
- \* send driver message just to log, issue #9
- st add \and to the list of commands locally made safe in pdf title info, issue #44
- \* for issue #50 add pdf source zip from texmf-dist/doc/latex/hyperref-docsrc

# 2017-09-29 6.85a David Carlisle

- \* 6.85a
- \* Make driver auto detect info not message (so just log not terminal) issue #9
- \* Make \and locally "; " while making pdf info string issue #44

# 2017-09-29 6.85a Ulrike Fischer

- \* 6.85a
- \* don't define \noboundary as text command / issue 37 (#45)
- \* changed default pdfversion from 2 to 5, along the default settings in the current tex systems
- \* change with pdfa version to 4 only if the current version is smaller, see issue #38
- \* removed \noboundary from puarenc.def, see issue #37
- \* Issue #38: change version to 1.4 with pdfa only if it is smaller (#43)
- st changed default pdfversion from 2 to 5, along the default settings in the current tex systems
- $\ast$  change with pdfa version to 4 only if the current version is smaller, see issue #38
- \* issue #25, added \HyPsd@EscapeTeX#1% to correctly escape non-ascii in heading (#42)
- \* code to amend issue #40 (missing pdfhighlight option for xetex/dvipdfmx) (#41)
- \* corrected typo in hpdftex.def
- \* exchanged code for pdfhighlight by \Hy@setpdfhighlight in hpdftex.def
- \* exchanged code for pdfhighlight by \Hy@setpdfhighlight in hluatex.def
- \* added \Hy@setpdfhighlight to hdvipdfm/hxetex.def

#### 2017-03-14 6.85a David Carlisle

- \* 6.85a
- \* Declare \newtie in PU encoding (composites with \newtie are already declared). Declaring composites with an undeclared accent does not work and will be flagged as an error in the next LaTeX release.
- \* Modify the regex in pdfremotestartview for github issue 28 https://github.com/latex3/hyperref/issues/28

#### 2017-01-26 6.84a David Carlisle

- \* 6.84a
- \* Fix driver check to allow luatex as well as pdftex in pdf mode.
- \* Documentation improvements

# $2016\hbox{-}06\hbox{-}24\quad \hbox{6.83q}\quad \hbox{David Carlisle}$

- \* 6.83q
- \* cleveref support

#### 2016-05-21 6.83p David Carlisle

- \* 6.83p, nameref 2.44, backref 1.39
- \* document github support
- st escape Field values (issue #5, thanks to Ulrike Fischer for fix).
- \* fix to checkbox/Radio code (issue #6, thanks to Ulrike Fischer for fix).
- \* Fix for links in amsmath \text (issue #13)
- st Fix white space at end of line before a theorem (issue #11)

# 2016-05-18 6.83o David Carlisle

- \* 6.830
- \* merge pull request from H. Yamashita pass driver options to color package.
- \* replace call to luatex85 package by new luatex back end option
- \* Catalan autoref translation contributed in issue #4

# 2016-05-05 6.83n David Carlisle

- \* 6.83n
- \* Load luatex85 package for luatex compatibility

# 2012-11-06 6.83m Heiko Oberdiek

- \* 6.83m
- \* Option 'pdflang': Default is '\relax' that suppresses the entry in the PDF catalogue. An empty value (undetermined language) is written to the PDF catalogue.
- \* Option 'pdflang': Checks for well-formedness added (if \pdfmatch is available).
- \* Option 'hyperindex': The latest encapsulating command is repeated for the close range entries, if it is not already given. That improves compatibility to 'xindy'. (Formatting commands remain unsupported.)

#### 2012-10-31 6.831 Heiko Oberdiek

- \* 6.831
- \* Workaround for bug in 'frenchb.ldf' 2010/08/21 v2.5a added that destroys '\pdfstringdefDisableCommands' in '\AtBeginDocument'.
- \* nameref 2.43:
  - \* Support for theorem names in class 'beamer'.
  - \* Some support for 'description' labels in class 'beamer', if 'label' is inside the optional argument of 'litem'.

#### 2012-10-15 6.83k Heiko Oberdiek

- \* 6.83k
- \* If 'hyperref' is loaded in the document class and 'htlatex' is used, then 'hyperref' passes options for 'tex4ht' found in \@documentclasshook to 'tex4ht'.
- \* \hyper@link@ suppresses links with empty target.

# 2012-10-13 6.83j Heiko Oberdiek

- \* 6.83i
- \* PDF forms/hpdftex.def: Field option 'calculatesortkey' added (pdfTeX/LuateX only) to specify the calculation order for calculated fields.
- \* Option 'pdflinkmargin' implemented for pdfmark drivers.

#### 2012-10-12 6.83i Heiko Oberdiek

- \* 6.83i
- \* PDF forms: /CO (calculation order) is set for fields with calculations. Only document order is supported currently.
- $\boldsymbol{\ast}$  pdfmark.def: /Fields is set like in the other PDF form drivers.

#### 2012-10-11 6.83h Heiko Oberdiek

- \* 6.83h
- \* If 'hyperref' is loaded in the document class, then it misses the detection of package 'tex4ht' of 'htlatex' because it is loaded after the documentclass. Therefore another test for '\HCode' is added that is defined by 'htlatex'.
- \* The setting of additional information entries is done globally like the other standard options (pdfauthor, pdftitle, ...) for the information dictionary. (Bug report: http://tex.stackexchange.com/q/75684/16967)

# 2012-09-27 6.83g Heiko Oberdiek

- \* 6.83g
- \* Fix for \hyper@link@.

# 2012-09-26 6.83f Heiko Oberdiek

- \* 6.83f
- \* Option 'customdriver' added.

# 2012-09-24 6.83e Heiko Oberdiek

- \* 6.83e
- \* Fix for \hyper@link@.

# 2012-09-23 6.83d Heiko Oberdiek

- \* 6.83d
- \* Table of contents: If the page number is empty, then the link is suppressed to avoid tiny link boxes.
- \* puenc.def/psdextra.def: Wrong names \((text))capricorn renamed to \((text))capricornus (wasysym).
- \* hyperref.sty: \hyper@link@ recoded.
- \* hpdftex.def: Fix for option 'ocgcolorlinks' to prevent removing other page resources.
- \* LuaTeX: Workaround for LuaTeX bug 773 added that can be triggered by \pdfstringdef.

#### 2012-08-21 6.83c Heiko Oberdiek

- \* 6.83c
- \* Package 'parskip': The changes of \@starttoc of package 'parskip' 2001/04/09 are supported (setting \parskip to zero).
- \* Optional page object references added to field annotations. (hpdftex.def: only if package 'zref-abspage' is loaded.)
- \* Bug fix for bug in bug fix of 6.82w. The active 'Q' was redefined and not restored after usage (breaks package 'flexisym').

  (Thanks Dominic J\"anichen and Ulrike Fischer.)

#### 2012-08-18 6.83b Heiko Oberdiek

- \* 6.83b
- \* pd1enc.def: \ij and \IJ fixed, now they expand to 'ij' and 'IJ' (these glyphs are not available in PDFDocEncoding).
- \* Shorthands of babel deactivated in \hyper@makecurrent (destination names) and the destination name of \contentsline.
- \* \XeTeXLinkBox with \XeTeXLinkMargin added for XeTeX if the link does not contain character glyphs.

# 2012-08-13 6.83a Heiko Oberdiek

- \* 6.83a
- \* Syntax fixes in additions for puenc.def. (Thanks Yury Donskoy for bug report.)
- \* Fix for option 'psdextra'.
- \* puenc.def: further additions.

# 2012-08-11 6.82z Heiko Oberdiek

- \* 6.82z
- \* Fix in parent counter lookup, meaning of \@elt is restored after usage. (Thanks Victor Ivrii for bug report.)
- \* puenc.def: fixes and additions.

# 2012-08-03 6.82y Heiko Oberdiek

- \* 6.82v
- \* Unique destination names: Lookup for parent counters added for counters that are defined before hyperref is loaded and \theH<counter> is not provided.
- \* Fixes: File 'psdextra.def' was loaded always with option 'unicode', restriction of set option 'psdextra' was missing. Also the catcode was not explicitely set to 'letter', when the file is loaded. (Thanks Daniel Halperin for bug report.)

# 2012-07-31 6.82x Heiko Oberdiek

- \* 6 82×
- \* nameref 2.42: Definition for \strip@period provided. It was removed in 2.41, but it is needed by package 'subfig'.

# 2012-07-30 6.82w Heiko Oberdiek

- \* 6.82w
- \* Bug fix in \pdfstringdef: Active characters defined with \protected are catched and converted to characters with catcode 12 (other).
- \* hpdftex.def: Before setting the version number it is checked, whether objects are already written. Also \pdfobjcompresslevel is disabled for versions < 5.
- \* puenc.def: Hebrew letters added.

#### 2012-07-29 6.82v Heiko Oberdiek

- \* 6.82v
- \* Bug fix (introduced in 6.82r): Information entries did not get written in some drivers (xetex, dvipdfm, ...).

#### 2012-07-28 6.82u Heiko Oberdiek

- \* 6.82u
- \* Option 'destlabel' and \HyperDestRename added.
- \* nameref 2.41:
  - \* The hook \label@hook is added to \label.
  - \* \strip@period is fixed (unnecessary addition of \relax) and renamed to \NR@strip@period.

#### 2012-07-26 6.82t Heiko Oberdiek

- \* 6.82t
- \* Some fixes in PU encoding, especially \textbackslash.

#### 2012-07-25 6.82s Heiko Oberdiek

- \* 6.82s
- \* \pdfstringdef: \ensuremath added to avoid warnings about "removing 'math shift'".
- \* backref 1.38: Explicit package dependency for 'ltxcmds' added.

# 2012-07-24 6.82r Heiko Oberdiek

- \* 6.82r
- $\ast$  Package pifont: \ding in Unicode bookmarks supported.
- \* puenc.def: lots of symbols added.
- \* New experimental option 'psdextra' that loads file 'psdextra.def' with defines the original short character names (mostly math) to the names with prefix 'text' because of NFSS.
- \* puarenc.def: \noboundary fixed.
- \* Definitions of \theH<counter> made global (GL).
- \* Bug fix in hpdftex.def for links across the first and second page: \Hy@FixNotFirstPage is disabled for package 'atbegshi' >= 2011/10/05.
- \* backref 1.37:
  - \* \backrefsetup added.
  - \* Options 'enable' and 'disable' added.

# 2012-05-13 6.82q Heiko Oberdiek

- \* 6.82q
- \* \HyNew@float@makebox added for package 'caption' (feature request from Axel Sommerfeldt).

# 2012-02-28 6.82p Heiko Oberdiek

- \* 6.82p
- \* pdfmark: Missing border color setting for \Acrobatmenu added.
- \* dvipdfmx/xetex: Fix for  $\Acrobatmenu$  if  $\Qmenubordercolor$  is  $\relax$ .
- \* Some warnings for entries of the information dictionary added, if the driver does not support them.
- \* Test file testinfo.tex added that sets all entries of the information dictionary.

#### 2012-02-06 6.82o Heiko Oberdiek

- \* 6.820
- \* At the begin and end of an equation an \hbox might be present that affects math spacing (for example, if the equation starts with an unary minus). By putting \hbox in \mathopen/\mathclose, now only a math punctuation at the end of the equation will add some space afterwords. Environment equarray is fixed in a similar way, also its anchor position is fixed.

# 2011-12-06 6.82n Heiko Oberdiek

- \* 6.82n
- \* Redefinition of \theHchapter/\theHsection in \appendix uses \Hy@AlphNoErr instead of \Alph to provide values for the cases unsupported in \Alph.

#### 2011-12-04 6.82m Heiko Oberdiek

- \* 6.82m
- \* \...footnotetext commands might contain unbalanced conditionals.

# 2011-11-21 6.821 Heiko Oberdiek

- \* 6.821
- \* Bug fix in page labels (bug introduced in 6.82a).
- \* Field/borderwidth: Also a dimen can be given instead of a number with default unit bp. (Feature request of GL.)
- \* Fix for \TextField and \TextCheckField: \leavevmode is inserted before the formular field to avoid the error that \pdfstartlink cannot be used in vertical mode. (Bug reported by GL.)

# 2011-11-19 6.82k Heiko Oberdiek

- \* 6.82k
- \* The macros \theH<counter> are defined using \providecommmand to allow previous definitions (feature request from Axel Sommerfeldt).

#### 2011-10-01 6.82j Heiko Oberdiek

- \* 6.82j
- \* Patch of \TX@endtabularx modified in order to support biblatex's patching (reported by Marc Baudoin).

#### 2011-09-28 6.82i Heiko Oberdiek

- \* 6.82i
- \* Internal boolean switches renamed if the boolean switch differs from its option. This simplifies the implementation of \Hy@boolkey, \IfHyperBooleanExists and \IfHyperBoolean.
- \* Package tabularx: Footnote linking is only disabled inside environment tabularx.

#### 2011-08-19 6.82h Heiko Oberdiek

- \* 6.82h
- \* dvipdfm/xetex: pdfpagetransition, pdfpageduration, pdfpagehidden implemented.
- \*  $\label{limits}$  \*  $\label{limits}$  \*  $\label{limits}$  IfHyperBoolean added.
- \* The label form of \hyperref[...]{...} does not set a broken link if the reference is not defined.

# 2011-04-17 6.82g Heiko Oberdiek

- \* 6.82g
- \* Make use of package 'hobsub-hyperref'.
- \* Patch for package 'ltxcmds' removed by requiring the fixed version (see v6.81t).
- \* Drivers dvipdfm/xetex: missing \leavevmode added for links.

### 2011-04-09 6.82f Heiko Oberdiek

- \* 6.82f
- \* Definition of \Hy@xspace@end moved to an earlier place.

#### 2011-04-07 6.82e Heiko Oberdiek

- \* 6.82e
- \* \xspace without space at end of links and anchors.

# 2011-03-09 6.82d Heiko Oberdiek

- \* 6.82d
- \* dvipdfm/xetex: missing launch actions added for  $\href.$

# 2011-02-28 6.82c Heiko Oberdiek

\* 6.82c

\* Fix for references with dvips/breaklinks=true in math mode. (Bug found by Gady Kozma).

#### 2011-02-07 6.82b Heiko Oberdiek

- \* 6.82b
- \* Fix for class 'slides' with option 'pageanchors' and anchor name shortened if page is not used.

#### 2011-02-05 6.82a Heiko Oberdiek

- \* 6.82a
- \* Options 'hidelinks', 'allcolors' and 'allbordercolors' added.
- \* \pdfstringdef: \begin, \end, \foreignlanguage catched.
- \* Options 'pdfpagelabels' and 'pageanchor': some support for class with its page counters (slide/overlay/note/page) added.
- \* Option 'pageanchor': Double string escaping removed for default setting hypertexnames=true, plainpages=false.

#### 2010-12-16 6.81z Heiko Oberdiek

- \* 6.81z
- \* Fix for bug #135 'amsclass: wrong formatting of theorems' (thanks to Dan Luecking for his analysis).

#### 2010-12-15 6.81y Heiko Oberdiek

- \* 6.81y
- \* Allowing driver tex4ht if XeTeX is running (htxelatex).

#### 2010-12-14 6.81x Heiko Oberdiek

- \* 6.81x
- \* Destination names (\hyper@makecurrent) now use the original definition of \@arabic to avoid trouble with redefined \@arabic (polyglossia/arabic).

#### 2010-12-03 6.81w Heiko Oberdiek

- \* 6.81w
- \* Fix for draftmode, because .out file wasn't written.

# 2010-11-26 6.81v Heiko Oberdiek

- \* 6.81v
- \* Fix for driver hpdftex.def (undefined \pdf@draftmode).

# 2010-11-22 6.81u Heiko Oberdiek

- \* 6.81u
- \* Driver hpdftex.def: Use of \pdfdraftmode.
- \* Driver pdfmark.def: Math mode respected in links.
- \* Some unnecessary code removed in \LT@p@ftntext (GL).

# 2010-10-30 6.81t Heiko Oberdiek

- \* 6.81t
- \* Radio buttons: small fix, escaping values and adding /DV.
- \* Temporary fix for \ltx@LocalAppendToMacro until next bundle update.

# 2010-10-19 6.81s Heiko Oberdiek

- \* 6.81s
- \* Version check added for driver files.
- \* Field options 'altname' and 'mappingname' added.

# 2010-09-25 6.81r Heiko Oberdiek

- \* 6.81r
- \* \SpecialDvipdfmxOutlineOpen is set in case of XeTeX.

# 2010-09-17 6.81q Heiko Oberdiek

- \* 6.81q
- $\ast$  Broken error messages because of broken \Hy@Error fixed.

#### 2010-09-17 6.81p Heiko Oberdiek

- \* 6.81p
- \* Sanitizing (babel shorthands) of anchor names in \hyper@anchor and \hyper@anchorstart.

# 2010-09-16 6.81o Heiko Oberdiek

- \* 6.810
- \* Broken option 'pdfborder' fixed (since 6.81n).

#### 2010-09-13 6.81n Heiko Oberdiek

- \* 6.81n
- \* New option 'driverfallback'. It takes a driver option for the case that a driver is not given and cannot be autodetected. (Feature request by Markus Kohm.)
- \* Unused option 'hyperref' removed.
- \* Driver options are now 'void' options that do not accept any values.

# 2010-09-11 6.81m Heiko Oberdiek

- \* 6.81m
- \* New option 'pdfremotestartview'.
- \* \href with new optional argument with keys 'page' and 'pdfremotestartview', 'pdfnewwindow', 'ismap', 'nextactionraw'.
- \* Fix for urls in \href: Prefix 'file:' is not added.

### 2010-09-11 6.811 Heiko Oberdiek

- \* 6.811
- \* Fix spacefactor corrections of 6.81i for math mode.
- \* Fixing GoToR actions if \href contains 'file:///' or 'file://localhost/'.

#### 2010-09-10 6.81k Heiko Oberdiek

- \* 6.81k
- \* PDF forms: Missing JavaScript actions added for check boxes, push, submit and reset buttons.
- \* PDF forms: Warnings are given, if HTML field options are used.

# 2010-09-04 6.81j Heiko Oberdiek

- \* 6.81j
- \* \Hy@EveryPageAnchor fixed to avoid Overfull \hbox warnings with some drivers.

# 2010-09-04 6.81i Heiko Oberdiek

- \* 6.81i
- $\boldsymbol{\ast}$  Various drivers: Destinations made transparent for \spacefactor.
- \* Various drivers: Links made transparent for \spacefactor.
- \* Various drivers: Fixes for option 'raiselinks' without color.

### 2010-09-01 6.81h Heiko Oberdiek

- \* 6.81h
- \* Fix for clash with package 'varioref', that redefines \refstepcounter with loss of hyperref's additions.
- \* Additions for README.

#### 2010-08-30 Heiko Oberdiek

\* backref 1.36: Typo in warning fixed.

# 2010-06-18 6.81g Heiko Oberdiek

- \* 6.81g
- \* pdfmark: Disabling of \escapechar is removed during reading the .out file. With package xkeyval the \pdfmark causes lots of character '2' in the output.

\* kvsetkeys: \setkeys is replaced by \kvsetkeys.

#### 2010-06-04 6.81f Heiko Oberdiek

- \* 6.81f
- \* Beautifying error text of utf8x.def of \utf@viii@undeferr.
- \* pdfmark.def: Avoid \leavevmode and \hbox of \pdf@rect
  for destinations with empty target area. It fixes spacing
  in situations like "\section{A}\hypertarget{foobar}{{}\section{B}".
  (Bug detected by Thomas Beuthe.)

#### 2010-05-13 6.81e Heiko Oberdiek

- \* 6.81e
- \* Real epsilon for \eTeX and \LaTeXe in Unicode bookmarks.

# 2010-05-12 6.81d Heiko Oberdiek

- \* 6.81d
- \* Fix for russian. (Bug found by Victor Kozyakin.)

#### 2010-05-11 6.81c Heiko Oberdiek

- \* 6.810
- \* Fix for funny \@alph and \@Alph definitions for use in anchor names.
- \*  $\c \$  model uses replacement in anchor names.

#### 2010-05-10 6.81b Heiko Oberdiek

- \* 6.81b
- \* Bookmarks: memoir's \booknumberline supported.

# 2010-05-04 6.81a Heiko Oberdiek

- \* 6.81a
- \* Patch for longtable takes package arydshln into account.

#### 2010-05-01 6.80z Heiko Oberdiek

- \* 6.80z
- \* Language definitions for \autoref are provided automatically without global or package language options if babel is loaded before

# 2010-04-30 6.80y Heiko Oberdiek

- \* 6.80y
- \* pdfencoding=auto: Escape TeX characters in .out file after successful conversion to PDFDocEncoding (or subset).
- \* nameref 2.40: Support of environment 'description'.

# 2010-04-17 6.80x Heiko Oberdiek

- \* 6.80x
- \* Define \@currentHref as "Doc-Start" right at the beginning for a better support of \label lost in the preamble.
- \* nameref 2.39: \@currentHref and \@currentlabelname are not overwritten.

# 2010-04-16 6.80w Heiko Oberdiek

- \* 6.80w
- \* nameref fix for memoir disabled.
- \* nameref 2.38: Support for theorems.

#### 2010-04-15 6.80v Heiko Oberdiek

- \* 6.80v
- \* Support for star form of \nameref added in hyperref.
- \* nameref 2.37
- \* Support for forgotten star form \part\* added.
- $\boldsymbol{\ast}$  Support for memoir fixed: non-star forms of \section, \chapter.

# 2010-03-30 6.80u Heiko Oberdiek

- \* 6.80u
- \* \pdfstringdef: Fix for unexpandable shorthand '"-' of 'russianb.ldf'. (Bug found by Uladzimir Pylinski.)

# 2010-03-29 6.80t Heiko Oberdiek

- \* 6.80t
- \* Support for package 'amsthm' fixed.
  (Bug found by Dana Lahat.)

#### 2010-03-28 6.80s Heiko Oberdiek

- \* 6.80s
- \* \@currentHlabel is no longer used.
- \* \HyperGlobalCurrentHref and \HyperLocalCurrentHref added.
  (Not yet supported in footnotes.)
- \* Fix in bookmarks/.out file: some special characters protected.
- \* \href: detection of file links fixed if the file base name contains dots (bug found by Uladzimir Pylinski).
- \* Some changes to allow 'hyperref' to be loaded via \AtBeginDocument (experimental).

# 2010-03-19 6.80r Heiko Oberdiek

- \* 6.80r
- \* Experimental boolean option 'localanchorname' added.
- \* Warning text corrected for empty anchor.
- \* Some \@ifundefined replaced by \ltx@IfUndefined (avoids definition of macros like \thechapter as \relax).

# 2010-03-18 6.80q Heiko Oberdiek

- \* 6.80q
- \* hpdftex.def, option 'verbose': end of links are recorded in the .log file at shipout time. This helps to find the link in case of the pdfTeX error '\pdfendlink ended up in different nesting level ...'

# 2010-03-16 6.80p Heiko Oberdiek

- \* 6.80p
- \* Bookmark output for \CJKnumber fixed.
- \* Bookmark implementation of \CJKnumber changed. \CJK@one is suppressed before \CJK@ten, if the number starts with this.

# 2010-03-13 6.80o Heiko Oberdiek

- \* 6.80o
- $\boldsymbol{*}$  Typo fixed in CJK bookmark code (Jinsong Zhao).

#### 2010-03-11 6.80n Heiko Oberdiek

- \* 6.80n: \undefined relaced by \@undefined.
- \* backref 1.35: \undefined replaced by \@undefined.

### 2010-03-10 6.80m Heiko Oberdiek

- \* 6.80m
- \* If package 'ucs' is loaded \PrerenderUnicode is called for information entries.

### 2010-03-09 6.801 Heiko Oberdiek

- \* 6.801
- \* Support of CJKnumb.sty's \CJKnumber and \CJKdigits in bookmarks, if encoding is Unicode.

# 2010-03-04 6.80k Heiko Oberdiek

- \* 6.80k
- \* \pdfstringdef: generic font commands (\selectfont, \usefont, \fontencoding, ...) disabled.

# 2010-03-03 6.80j Heiko Oberdiek \* 6.80j \* pdfmark.def: better support of hyphenation if breaklinks=false. 2010-03-01 6.80i Heiko Oberdiek \* 6.80i \* hpdftex.def: form fields array collects field references via .aux file to avoid recording field references of field inside canceled boxes. \* README updated. 2010-02-25 6.80h Heiko Oberdiek \* 6.80h \* Compatibility for KOMA-Script's \footref. 2010-02-24 6.80g Heiko Oberdiek $\boldsymbol{\ast}$ Option 'verbose': anchors and internal links are recorded in the .log file for all drivers. 2010-02-21 6.80f Heiko Oberdiek \* 6.80f \* Unicode support is loaded only if unicode is set to true. Previously the option regardless of setting triggered the loading of unicode support (or an error, if after \begin{document}). 2010-02-08 6.80e Heiko Oberdiek \* 6.80e \* \ref and \pageref robust again before \begin{document}. (Bug report by Gerrit Schmitz.) \* Project/repository moved to Puszcza (https://puszcza.gnu.org.ua/projects/hyperref). 2010-01-25 6.80d Heiko Oberdiek \* 6.80d \* License update to LPPL 1.3+ \* nameref 2.36, backref 1.34: LPPL 1.3+ 2010-01-16 6.80c Heiko Oberdiek \* 6.80c \* Problem with package 'titlesec' fixed (reported by GL in comp.text.tex). \* backref 1.33: \* \backrefentrycount added. \* Internal calculations for \backrefalt and \backrefentrycount are disabled, if these features are not used. 2010-01-11 6.80b Heiko Oberdiek \* 6.80b $\boldsymbol{\ast}$ Options 'pdfinfo' and 'pdftrapped' added. 2010-01-09 Heiko Oberdiek \* backref 1.32: \* Brazilian Portuguese added (Rog\'erio Brito).

2010-01-08 6.80a Heiko Oberdiek \* 6.80a

\* Some language aliases added.

\* Missing \expandafter added for fix in 6.79z.

'\.' now works again for other languages than Spanish in bookmarks.

#### 2009-12-28 6.79z Heiko Oberdiek

- \* 6.79z
- \* \pdfstringdef/spanish.ldf: \. breaks \pdfstringdef, therefore it is restored as dot accent (\es@save@dot). \... is not supported. Use \texorpdfstring{\...}{\dots} instead.

# 2009-12-23 6.79y Heiko Oberdiek

- \* 6.79y
- \* Global papersize options (a4paper, ...) ignored.

#### 2009-12-22 6.79x Heiko Oberdiek

- \* 6.79x
- \* Checking \@outlinefile before writing (workaround for beamer bug in beamerbasecompatibility 1.63).

# 2009-12-18 6.79w Heiko Oberdiek

- \* 6.79w
- \* Again anchor setting in unnumbered sections fixed.
  \@currentHref gets overwritten by float objects right
  after inline section commands like \paragraph, \subparagraph.
  Reported by Lev Bishop.
  Now the reference name (\@currentHref) is passed by value
  (expanded) to the anchor setting code.
- \* nameref 2.35: Required date for package 'gettitlestring' updated.

#### 2009-12-17 6.79v Heiko Oberdiek

- \* 6.79v
- \* Fix for 'pdfencoding=auto', the code accidently got deleted for the other drivers than XeTeX.
- \* 'pdfencoding=auto' for XeTeX now adds a method to suppress the warning "Failed to convert input string to UTF16...", see README.

#### 2009-12-16 6.79u Heiko Oberdiek

- \* 6.79u
- \* Babel patch of 6.770 rewritten that babel can be loaded after hyperref.

### 2009-12-15 6.79t Heiko Oberdiek

- \* 6.79t
- \* hxetex: Using encoding 'ascii-print' for 'pdfencoding=auto'.

# 2009-12-15 6.79s Heiko Oberdiek

- \* 6.79s
- \* Removed paper options of 6.790 now generate a warning instead of an error.

# 2009-12-15 6.79r Heiko Oberdiek

- \* 6.79r
- \* hxetex: default is now 'pdfencoding=auto' because of bug of AR7/Linux regarding page labels.

# 2009-12-15 6.79p Heiko Oberdiek

- \* 6.79p
- \* hxetex: PDFDocEncoding is not supported, only option 'unicode', 'pdfencoding=unicode' or 'pdfencoding=auto'. In the latter case, PDFDocEncoding is only used, if the string is an ascii string (7-bit characters).

  No idea, how to get rid of the warning
  "Failed to convert input string to UTF16...".

  The strings are already in UTF16, thus an additional conversion have to fail.
- \* Missing package dependency added: intcalc (Vladimir Volovich).

#### 2009-12-14 6.79o Heiko Oberdiek

- \* 6.790
- \* Paper options 'a4paper', 'a5paper' are ignored.

  Setting the page size is done by using \paperwidth
  and \paperheight. Or in case of memoir \stockwidth and
  \stockheight are used. Evaluation time for setting the page size
  is at begin of document or first page (driver dependant).
- \* XeTeX has its own driver file 'hxetex.def' (based on hdvipdfm.def).
- \* hxetex.def uses pdfTeX's \pdfpagewidth and \pagepageheight for setting the media size.

#### 2009-12-10 6.79n Heiko Oberdiek

- \* 6.79n
- \* Use of package 'rerunfilecheck'.
- \* backref 1.31: Use of package 'rerunfilecheck'.

#### 2009-12-09 6.79m Heiko Oberdiek

- \* 6.79m
- \* \clear@document (REVTeX) is not used in favor of \AtVeryEndDocument (Arthur Ogawa).
  - \* backref 1.30: Use of package 'atveryend'.

#### 2009-12-08 6.791 Heiko Oberdiek

- \* 6.791
- \* \Hy@SectionAnchor disabled in bookmarks.
- \* \clearpage is not added in \AtEndDocument any more by using package 'atveryend' instead to prevent problems with column balancing in revtex (reported by Arthur Ogawa).
- \* nameref 2.34:
  - \* Redefinition of \@caption is restricted to the case if hyperref 6.791 or later is not loaded.
  - \* Use of package 'gettitlestring' for postprocessing the title strings.

#### 2009-11-27 Heiko Oberdiek

\* nameref 2.33: \phantomsection and \addcontentsline are disabled during title string expansion.

# 2009-11-27 6.79k Heiko Oberdiek

- \* 6.79k
- \* Fix of anchor setting: The anchor setting is filtered out for title extracting classes and packages (memoir, titleref, zref-titleref, nameref 2.32.
- \* nameref 2.32: the title string is expanded to filter out unwanted stuff (same way as memoir, titleref, zref-titleref).

# 2009-11-27 6.79j Heiko Oberdiek

- \* 6.79j
- $\boldsymbol{\ast}$  Fix of anchor setting for section titles in 6.79h is made a little more robust.

#### 2009-11-26 6.79i Heiko Oberdiek

- \* 6.79i
- \* Support for empty category parameter fixed for \hyperref and \hyperdef.
- \* \hyperdef fixed (.aux file entry).

#### 2009-11-25 6.79h Heiko Oberdiek

- \* 6.79h
- \* Fix of anchor setting for section titles.
  - st chapters, parts (Markus Kohm),
  - \* unnumbered sections.

Now the workarounds with \phantomsection like \cleardoublepage\phantomsection\printindex should not be necessary any longer.

\* nohyperref: star from  $\ensuremath{\texttt{Yref}}$  and  $\ensuremath{\texttt{Ypageref}}$  ignored (Henrik Tidefelt).

# 2009-11-20 6.79g Heiko Oberdiek

- \* 6.79g
- \* \pdfstringdef: Support for unicode characters added for XeTeX and LuaTeX.

#### 2009-11-15 6.79f Heiko Oberdiek

- \* 6.79f
- \* Forms: Bug in \HyField@PDFChoices fixed, wrong order of export and display value (Donald P. Story).

#### 2009-11-14 6.79e Heiko Oberdiek

- \* 6.79e
- \* Rerun warning added for bookmarks, based on MD5 sum and file size. (This feature requires pdfTeX or LuaTeX.)
- \* backref 1.29:
- \* Rerun warning added, based on MD5 sum and file size.
  (This feature requires pdfTeX or LuaTeX.)

#### 2009-10-31 6.79d Heiko Oberdiek

- \* 6.79d
- \* Full support of makeindex's encap feature (e.g. \index{alpha|textbf}). \hyperpage and the formatting command are cascaded via \hyperindexformat. Internally \index{alpha|textbf} is transferred to \index{alpha|hyperindexformat{\textbf}}. \hyperindexformat calls the formatting command in its first argument with the page range as argument that is put into \hyperpage. The formatting command may call \hyperpage itself, it will be disabled automatically to prevent nested \hyperpage commands.

# 2009-10-28 6.79c Heiko Oberdiek

- \* 6.79c
- \* Fix for a wrong byte "0xA0", accidently introduced in 6.79b.
- \* Adding bookmark sequence numbers in comments to the bookmark auxiliary file (Vladimier Volovich).
- \* Manual fix: pdfpicktrackbypdfsize -> pdfpicktraybypdfsize (Gregor Zimmermann).

# 2009-10-19 6.79b Heiko Oberdiek

- \* 6.79b
- \* Respect \stockwidth and \stockheight for drivers 'dvips' and 'dvipdfm'.

#### 2009-10-09 6.79a Heiko Oberdiek

- \* 6.79a
- \* Field option 'radiosymbol' added.
- \* Both 'checkboxsymbol' and 'radiosymbol' support \ding (see package 'pifont' from bundle 'psnfss2e').

#### 2009-10-02 6.78w Heiko Oberdiek

- \* 6.78w
- \* Recognize 'amsmidx' as multiple index package (David M. Jones).
- \* Manual fixes (Herbert Voss).

#### 2009-09-22 6.78v Heiko Oberdiek

- \* 6.78v
- \* PDF objects needed for formulars are only allocated if environment 'Form' is used (hpdftex, hdvipdfm).

#### 2009-09-10 6.78u Heiko Oberdiek

- \* 6.78u
- \* Support for open outlines is turned on for XeTeX >= 0.9995.

  Thus option 'dvipdfmx-outline-open' is not necessary in this case.

  I don't know about older versions of XeTeX.
- \* Additions to the manual (aliascnt, bookmarks).

#### 2009-08-04 6.78t Heiko Oberdiek

- \* 6.78t
- \* Fix: Option 'bookmarksdepth' with name value now also works as package option.

#### 2009-05-23 6.78s Heiko Oberdiek

- \* 6.78s
- \* Fix: "\let\textlatin\Offirstofone from \addcontentsline.

#### 2009-05-01 6.78r Heiko Oberdiek

- \* 6.78r
- \* \pdfstringdef:
  - \* Typo in definition of \new@ifnextchar fixed (Ulrike Fischer),
  - $\boldsymbol{*}$  and  $\boldsymbol{\cdot}$  kernel@ifnextchar disabled (Dan Luecking).
- \* dvipdfm(x)/xetex: This driver family does not support nested annotations. Therefore annotations inside annotations are disabled automatically.

#### 2009-04-04 6.78q Heiko Oberdiek

- \* 6.78q
- \* Better error message for \MakeUppercase and \MakeLowercase in \pdfstringdef (bookmarks).
- $\boldsymbol{\ast}$  Expandable simulation of \ignorespaces in bookmarks.
- \* The values of boolean options are now expanded (\Hy@boolkey).
- \* Warnings added for links with empty destination name.

# 2009-02-22 6.78p Heiko Oberdiek

- \* 6.78p
- \* hpdftex.def: Problem fixed, if a link is broken across the first and the next page.

# 2009-02-02 6.780 Heiko Oberdiek

- \* 6.78o
- \* Workaround for package 'linguex' added (it redefines the accent macros \b, \c, \d).

# 2008-12-26 6.78n Heiko Oberdiek

- \* 6 78n
- \* Support of active '&' and & in  $href (\protect{hyper@normalise})$ .

#### 2008-11-18 6.78m Heiko Oberdiek

- \* 6.78m
- \* The fix for fancyvrb in hyperef 1998-03-21 is not compatible with and necessary for fancyvrb 1998-05-20 or later. Therefore the fix is disabled for these versions.
- \* Option 'ocgcolorlinks': Fix for driver 'dvipdfm'.
- \* Improved anchor setting for package 'amsthm' (Daniel M\"ullner).

#### 2008-09-29 6.781 Heiko Oberdiek

- \* 6.781
- \* Bookmarks: '--' and '---' are automatically replaced by \textendash and \textendash in bookmark strings. However older AR versions (until AR5/Linux) might miss these glyphs.
- \* Encoding name in warnings 'Token not allowed' fixed.

# 2008-09-27 6.78k Heiko Oberdiek

- \* 6.78k
- \* Fix for 'slovak' and other babel languages that make '^' and other characters active. This disturbs loading of package 'color' and perhaps 'nameref' that are loaded later at begin document.

# 2008-09-13 6.78j Heiko Oberdiek

- \* 6.78i
- \* Forms/hpdftex.def: Missing /Fields entry is set in the same way as it is done by the other drivers.

#### 2008-09-12 6.78i Heiko Oberdiek

- \* 6.78i
- \* \pdfstringdef: accent support of encoding PU reimplemented in a cleaner way.

# 2008-09-11 6.78h Heiko Oberdiek

- \* 6.78h
- \* \pdfstringdef:
  - $\boldsymbol{\ast}$  Warning in case of unsupported composite characters fixed.
  - \* Unknown composite characters use Unicode combining accents if possible.
  - \* Supported range in PU encoding improved, especially extended latin sets, cyrillic, and standard LICRs.
  - \* Various fixes in encodig files (pd1enc.def, puenc.def).

#### 2008-08-20 6.78g Heiko Oberdiek

- \* 6.78g
- \* Patch for \pdfstringdef of Manuel P\'egouri\'e-Gonnard for package 'xargs'.
- st Option pdfversion accepts versions until 1.9.

### 2008-08-14 6.78f Heiko Oberdiek

- \* 6.78f
- \* \nohyperref added to support custom entries in style files of MakeIndex (delim\_r, suffix\_\*), see README.

# 2008-07-23 6.78e Heiko Oberdiek

- \* 6.78e
- \* Driver hdvipdfm.def: Missing code for option 'setpagesize' added.
- \* README: Entry for package geometry/dvipdfm added.

# 2008-07-17 6.78d Heiko Oberdiek

- \* 6.78d
- $\ast$  Bug fix in disabled onclick field for PDF/A (Radhakrishnan CV).

# 2008-07-16 6.78c Heiko Oberdiek

- \* 6.78c
- \* \HyperDestNameFilter added.
  (Feature request by Matthias Franz.)
- \* htex4ht.cfg: \MP corrected.

# 2008-07-15 6.78b Heiko Oberdiek

- \* 6.78b
- \* Option 'colorlinks': border properties are not cleared immediately, but at evaluation time in \AtBeginDocument. This allows a setting of colorlinks in hyperref.cfg and using colorlinks=false in the document without getting lost of the link borders.

  (Problem reported by Axel Berger.)

# 2008-07-12 6.78a Heiko Oberdiek

- \* 6.78a
- $\boldsymbol{\ast}$  Driver options: Algorithm for finding the driver is changed:
  - $\boldsymbol{\ast}$  Code for detecting the driver is more robust

(not confused by  $\mbox{\ensuremath{\text{newcount}}\xspace}\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\xspace\$ 

- \* Driver hpdftex.def is used/forced if and only if pdfTeX is running in PDF mode. Thus hyperref now behaves like the other packages that do not change PDF mode.
- \* Also some other driver options are checked.
- \* Driver hpdftex.def:
  - \* Setting of  $\pdf$ compresslevel is removed.
  - \* \PassOptionsToPackage{pdftex}{color} is removed.
- \* Option dvipdf with driver hdvipdf.def is removed. (Nobody missed it since 2006-08-01 v6.75a.)

#### 2008-07-05 6.77v Heiko Oberdiek

- \* 6.77v
- \* Fix: Use normal meaning of babel's shorthand characters in markup text of links. (Bug found by Ign\'acio Fernandez Galv\'an.)

# 2008-04-24 6.77u Heiko Oberdiek

- \* 6.77u
- \* Fix in action code for PDF/A, introduced in 6.77p (e.g. \PushButton).

#### 2008-04-22 6.77t Heiko Oberdiek

- \* 6 77±
- \* Fix: \nameref in bookmarks.
- \* Fix for dvipsone: unknown '?pdfmark'.

#### 2008-04-20 6.77s Heiko Oberdiek

- \* 6.77s
- \* Additions to PU encoding: \textzerosuperior, ..., \textninesuperior, \textzeroinferior, ..., \textnineinferior

# 2008-04-19 6.77r Heiko Oberdiek

- \* 6.77r
- \* Option pdfa: pdf version is set to 1.4.
- \* Experimental option 'ocgcolorlinks': Same as 'colorlinks', but prints without color. Optional Color Groups of PDF 1.5 are used. Main disadvantage: the links cannot be wrapped across lines, because they are put in an \hbox. Currently only drivers 'pdftex' and 'dvipdfm' are supported.

# 2008-04-17 6.77q Heiko Oberdiek

- \* 6.77q
- \* Fix for small problem with XeLaTeX ( $\sqrt \frac{1}{100}$ ).

# 2008-04-16 6.77p Heiko Oberdiek

- \* 6.77p
- \* Patch for missing anchor settings with amsmath (multline) by Ross Moore.
- \* New option 'pdfa' to improve compatibility with PDF/A, see README.

# 2008-04-15 6.77o Heiko Oberdiek

- \* 6.77o
- \* Babel 2008/03/16 v3.8j disables shorthands for bookmarks. This reduces the probability of warnings, but at the cost of ugly bookmarks. Therefore hyperref tries to undo this. See LaTeX bug-report 'babel/4017'.
- \* Fix for bulgarian.ldf's \@Alph and \@alph for \hyper@makecurrent.
- \* Patch for missing anchor settings with amsmath (multline) by Ross Moore.

# 2008-04-13 6.77n Heiko Oberdiek

- \* 6.77n
- \* New option 'linktoc' added, see README.

```
* 6.77m
   st Surrogate support for bookmarks (utf8.def, including utf8
     sequences starting with ^{f4}.
    * Fix: unicode disabled for pdfmoddate and pdfcreationdate.
    * Fix for footnote support of fancyvrb (Manuel P\'egouri\'e-Gonnard).
    * Fix for anchor name settings inside numbered lists.
    * Russian update with comments (Olga Lapko).
2008-04-05 6.771 Heiko Oberdiek
   * 6.771
    * \CheckSum fixed.
    * hyperref-tds.zip renamed to hyperref.tds.zip.
2008-04-02 6.77k Heiko Oberdiek
   * 6.77k
    * Macro \SliTeX supported by \pdfstringdef.
2008-02-06 6.77j Heiko Oberdiek
   * 6.77i
    * Bug (typo) in \PushButton fixed (inserted in 6.77a).
    * Bug (typo) in hdviwindo.def fixed (Fran\c cois Charette).
2008-01-09 6.77i Heiko Oberdiek
   * 6.77i
    * Russian names for \autoref added (Olga Lapko).
2007-12-16 6.77h Heiko Oberdiek
   * 6.77h
    * \Hy@pstringdef(baseurl, ...) with \edef~{\string~}
2007-11-20 6.77g Heiko Oberdiek
    * 6.77g
    * Forms: /MK suppressed if empty.
2007-11-17 6.77f Heiko Oberdiek
    * Bug fix for dviwindo: misspelled \Hy@DisableOption (Philip Ratcliffe).
2007-11-12 6.77e Heiko Oberdiek
    * 6.77e
    * LuaTeX: Package 'pdftexcmds' for \pdfescapestring.
    \boldsymbol{\ast} Default producer setting recognices XeTeX and LuaTeX.
2007-11-08 6.77d Heiko Oberdiek
    * If 'pdfstartpage' or 'pdfstartview' is empty,
     the catalog key /OpenAction is omitted.
2007-11-05 6.77c Heiko Oberdiek
    * 6.77c
    * Fix for memoir: \stockwith -> \stockwidth.
2007-10-30 6.77b Heiko Oberdiek
    * Option 'pdfnewwindow': setting to 'true' or 'false' sets the
      entry /NewWindow in the action object. The entry is absent,
      if the 'pdfnewwindow' is not used or its value is empty
      (then the user preference is used).
2007-10-29 6.77a Heiko Oberdiek
   * 6.77a
```

2008-04-12 6.77m Heiko Oberdiek

- \* New PDF form field options for flag setting, see README.
- \* The ugly hooking in \@begindvi is removed in favor of using package 'atbegshi'.
  - \* \@hyperfixhead don't exist anymore.
  - \* Patch of fancybox is obsolete.
  - \* \AtBeginDvi replaced by \AtBeginShipoutFirst
- \* Obscure \HYPERPAGEANCHOR is removed.
- \* If \paperwidth and \paperheight contain invalid values, then \special{papersize=...} is suppressed and a warning is given.
- \* revtex4/driver pdftex: pdfpagelabels uses \clear@document as hook instead of LaTeX's \AtEndDocument. This avoids \clearpage that confuses revtex4's balancing of the last page.
- \* revtex4: Fix for setting label 'LastPage'.
- \* Fix for package float's \restylefloat\* by Axel Sommerfeldt.
- \* Bug fix (debian 351260) in 6.75a breaks 'hypertexnames=false'. Fixed (Axel Sommerfeldt).
- \* Bug fix: The scope of  $\$  HyperRaiseLinkLength is limited to  $\$  HyperRaiseLinkHook.
- $\ast$  Bug fix: broken \autoref if option 'draft' is given.
- \* Bug fix: longtable + hypertexnames=false (bug found by Axel Sommerfeldt).
- \* \pdfstringdef: \@mkboth disabled.
- \* Definition of \pagenumbering removed.
- \* Fix of problem with babel's shorthands in bibliography.
- \* Hungarian names for \autoref added (Miglinszki P\'eter).
- \* Fix for form field's multiline (old bug, introduced in v6.73h):
  The default height for multiline entries was calculated before
  the option was evaluated. The default height of multiline entries
  can be configured by \DefaultHeightofTextMultiline.
  Default is 4\baselineskip.
- \* \nolinkurl supports escaped characters the same way as \url (Joseph Wright).
- \* backref 1.28: Avoids duplicate \newwrite calls.

# 2007-06-14 6.76i Heiko Oberdiek

- \* 6.76i
- \* 'pdfencoding=auto' a little more efficient.

### 2007-06-12 6.76h Heiko Oberdiek

- \* 6.76h
- \* Fix for default of \theHequation (class 'foils' do not know counter 'section').
- $\ast$  New option 'pdfencoding' added (uses package 'stringenc').

# 2007-05-29 6.76g Heiko Oberdiek

- \* 6.76g
- \* The color of launch annotations are set by options
  'runcolor' and 'runbordercolor'. (Previously 'filecolor'
  was used )
- \* Support for package 'showkeys' added for \autoref.
- \* Fix for line breaks right after \url or \href.
- \* nameref 2.31: Support for caption of package 'listings'.
- \* nameref 2.31: Some fixes in \NR@@vpageref.

#### 2007-05-09 6.76f Heiko Oberdiek

- \* 6.76f
- \* Use of package 'etexcmds' for \unexpanded.

# 2007-05-03 6.76e Heiko Oberdiek

- \* 6.76e
- \* hyperref: ConTeXt's base/syst-gen.tex redefines e-TeX's  $\$ unexpanded.
- st Some support for amsmath's environment 'subequations'.
- \* nameref 2.30: \label is supported after longtable's \caption.

```
* 6.76d
       * Option dvipdfmx-outline-open/\SpecialDvipdfmxOutlineOpen
           adjusted to new CVS version of dvipdfmx.
2007-04-18 6.76c Heiko Oberdiek
       * 6.76c
       * Fix for star forms of \ref commands.
       * Fixes for \autopageref.
2007-04-11 6.76b Heiko Oberdiek
       * 6.76b
       * Line end cleanup, removal of spaces.
       * Minor fixes in form part.
2007-04-09 6.76a Heiko Oberdiek
       * 6.76a
       * Color options implemented by package 'hycolor'.
       * pdfborder: Patch for ghostscript added to remove resolution
           dependency. Unclear is the behaviour of Acrobat Distiller,
           dvipsone, and textures.
              The values for pdfborder should be specified in the way
           they should appear in the PDF file. Default: pdborder={0 0 1}
       * \autopageref added.
       * New field option 'rotation' added.
       * Field options bordercolor and backgroundcolor:
           * An empty value is permitted.
           * If the value does not start with a number ('0', '1', '.'),
              then it is processed as xcolor specification.
       st Fix for drivers dvipdfm/pdfmark: launch annotation now uses
           'runbordercolor' instead of 'filebordercolor'.
       * PD1 encoding: Replacements for older AR versions removed:
           \l, \L, \v z, \v Z, \i, \textfractionmark, \textfi, \textfl
       * \pdfstringdef: a little faster.
       * \href followed by '%' and line break works now.
       * Option dvipdfmx-outline-open or \chardef\SpecialDvipdfmxOutlineOpen=1
           enables support for open outline entries
           (dvipdfmx, since cvs version 2007-03-29).
           Caution: this feature is experimental and can change.
       * Italian translation of \autoref names added (Cristian Battaglia).
       * Support for \greeknumeral and \Greeknumeral in Bookmarks
           (with option unicode).
       * Replacement for \green \gr
       * pdfmark: Destinations without rectangle (D.P.Story)
       * Fixes for fancybox.
       * Fixes for chapterbib (Donald Arsenau).
       * Some support for Spanish shorthands in bookmarks added.
       * varioref (hyperref + nameref):
           * Support for \Ref and \Vref.
           * \vref puts the whole reference text in a link.
           * Fix for babel shorthand characters.
           * Small fixes for undefined references.
       * tex4ht: \hyperlinkfileprefix{} added (Eitan Gurari).
       * Some support for hypcap added (idea of Axel Sommerfeldt).
       * Unused form field option 'fillcolor' removed.
       * Unused option 'pagecolor' removed.
       * Practically unused option 'pagebordercolor' removed.
       * \PDFPage removed, because it's undocumented, is not
           free from errors and is not supported by all drivers.
       * nameref 2.29: beamer support added.
```

2007-02-27 6.75t Heiko Oberdiek

2007-04-25 6.76d Heiko Oberdiek

\* 6.75t

\* Suppressing links with empty link area.

(Avoids invalid PDF files in case of pdfmark drivers, bug found by Thorsten Schwander.)

# 2007-02-16 6.75s Heiko Oberdiek

- \* 6.75s
- \* Fix for \autoref in bookmarks that was broken since the star form support of 6.75g. (Bug found by Matthias Franz.)

#### 2007-02-07 6.75r Heiko Oberdiek

- \* 6.75r
- \* dvipdfm, option pdfview: Parameters of XYZ fixed (Jin-Hwan Cho).
- \* dvipdfm, option pdfview: The implementation was very poor. Now XYZ, Fit{,B,H,BH,V,BV} are supported. FitR and parameters remain unsupported.

# 2007-01-25 6.75q Heiko Oberdiek

- \* 6.75q
- \* If colorlinks is set to true, pdfborder is set to suppress the border. Now also pdfborderstyle is cleared.

#### 2007-01-23 6.75p Heiko Oberdiek

- \* 6.75p
- \* Bug fix: disable pdfpagelabels if \thepage is undefined.
- \* Forms: color specifications can also be given by color names, if package xcolor is loaded.

#### 2007-01-18 6.750 Heiko Oberdiek

- \* 6.75o
- \* XeTeX: new option added and default driver detection extended.

### 2007-01-17 6.75n Heiko Oberdiek

- \* 6.75n
- \* ChoiceMenu fix: parameter value is now used if given.

#### 2007-01-14 6.75m Heiko Oberdiek

- \* 6.75m
- \* \autoref uses the name for appendix if it references sections that follow \appendix in classes without \chapter.
- \* Support for beyond-BMP characters in unicode bookmarks (Dohyun Kim <nomosnomos@gmail.com>)

# 2007-01-06 6.751 Heiko Oberdiek

- \* 6.751
- \* Updated default value of option pdfproducer for pdfTeX 1.40.0.

# 2006-12-30 6.75k Heiko Oberdiek

- \* 6.75k
- \* puarenc.def: Additions to PU encoding for Arabi by Youssef Jabri.
- \* New option arabic that loads puarenc.def.

# 2006-12-27 Heiko Oberdiek

\* nameref 2.28: \protected@edef isn't robust enough for removing \label in name strings. Now \label is disabled during referencing.

# 2006-12-21 6.75j Heiko Oberdiek

- \* 6.75j
- \* Fix for bug in \Hy@safe@actives..., introduced in 6.75g.
- \* nameref 2.27: now \label uses \protected@edef for the nameref to remove \label commands while writing into the .aux file.

# 2006-12-21 6.75i Heiko Oberdiek

\* 6.75i

\* Fix: \unichar in bookmarks with Unicode encoding.

#### 2006-11-30 6.75h Heiko Oberdiek

\* New options for pdf viewer preferences:
 pdfdirection, pdfviewarea, pdfviewclip,
 pdfprintarea, pdfprintclip, pdfduplex, pdfpicktraybypdfsize,
 pdfprintpagerange, pdfnumcopies.

New option for pdf catalog:

New option for pdf catalog pdflang (except VTeX)

- \* Internal change: \pdf@pagelayout renamed to \@pdfpagelayout.
- \* Internal change: \@pdfpagemode without slash.

#### 2006-11-15 6.75g Heiko Oberdiek

- \* New option pdfprintscaling.
- \* Star version of \autoref\* analogous to \ref\*.
- st Support of memoir: package memhfixc is automatically loaded.

#### 2006-10-06 Heiko Oberdiek

\* backref 1.27: fix for \backrefspanish.

# 2006-09-12 6.75f Heiko Oberdiek

- \* 6.75f
- \* Documentation fix: options pdfdisplaydoctitle and pdfnonfullscreenpagemode

#### 2006-09-06 6.75e Heiko Oberdiek

- \* 6.75e
- \* dvipdfm: \leavevmode for links added.
- \* dvipdfm: option dvipdfmx added (alias for dvipdfm).
- \* pdfmark.def: Bug fix, clash with \Hy@temp.

### 2006-08-29 6.75d Heiko Oberdiek

- \* 6.75d
- \* Fix: If option unicode option is given, page anchors are wrong. Fixed by disabling unicode for page anchor names.
- \* Listing(s) support: \providecommand instead of \def.

### 2006-08-16 6.75c Heiko Oberdiek

- \* 6.75c
- $\boldsymbol{\ast}$  Supporting both options "vietnamese" and "vietnam".

# 2006-08-15 6.75b Heiko Oberdiek

- \* 6.75b
- $\boldsymbol{\ast}$  VnTeX support by Han The Thanh. New option: vietam.
- $\boldsymbol{*}$  Fix for bug with varioref, introduced in 6.75a.
- $\boldsymbol{*}$  Entry "algorithm" updated in README.
- \* nameref 2.26: required date added for package refcount.

# 2006-08-01 6.75a Heiko Oberdiek

- \* 6.75a
- \* hyperref-tds.zip provided with files sorted in a TDS tree.
- \* New option defaults:
  - \* plainpages=false
  - \* pdfpagelabels=true
- \* Package kvoptions defines \ProcessOptionsWithKV under the name \ProcessKeyvalOptions. It replaces hyperref's macro \ProcessOptionsWithKV.
- \* Some code for extracting reference information is put into package refcount that is now loaded by nameref and hyperref.
- \* Option bookmarksdepth: The depth of the outline entries can now set separatly from counter "tocdepth", see README.

- \* New option: pdfescapeform, see README.
- \* \hyper@normalise for action attribute in forms.
- \* \ProcessOptionsWithKV: \let\CurrentOption\@empty added.
- \* "bordercolor" options now support package xcolor (>=1.11).
- \* "color" options also support the optional argument (color model) of \color.
- \* New option "pdfborderstyle" that allows the setting of the border style dictionary. (Be aware that the support of this feature by PDF viewers is limited.)

  Example: underlined links can be obtained by pdfborderstyle={/S/U}
- \* Direct low level bookmark support for \usepackage[utf8]{inputenc} and "uftf8x" of package "ucs". Byte sequences until three bytes are supported and e-TeX is required.

  (No support for surrogates).
- \* Fix in  $\addcontentsline$ , if option verbose is set.
- \* Better bookmark support for FrenchPro package by use of \if@mid@expandable (Bernard Gaulle <gaulle@idris.fr>).
- \* Options "pdfcreationdate" and "pdfmoddate" added.
- \* README: Section "Limitations" added with "Broken Link Support".
- \* Default driver setting: added missed code of corresponding options (Thanks for Arnaud Giersch <arnauld.giersch at free.fr>).
- \* \penalty10000 added in \Hy@raisedlink to cancel the effect of \smash in preventing hyphenation, e.g. a footnote after a word.
- \* \@classoptionslist can be \relax (see psnfss/3773).
- \* \new@ifnextchar also disabled for bookmarks and constructs such as \let\if...\if{true,false} are catched, see latex/3662.
- \* Bug fix: The case "\part without number by counter secnumdepth" was forgotten for the bookmarks (thanks to Rachel Elizabeth Dillon).
- \* Bug fix: \vpageref defines undefined references with empty anchor name that breaks \autoref.
- \* Fix: Wrong message about setting of draft fixed, if option final is used.
- \* Pdfmark driver: better removal of pdfmark stuff, especially generated by forms, if the postscript application does not define pdfmark, e.g. because the output is not pdf (gs >= 8.0).
- \* New version numbering scheme of pdfTeX >= 1.30.
- \* Fix for \hyper@normalise, if & is used inside \href in tabular environments.
- \* Fix: Setting pdfproducer in \usepackage's option part did'nt have an effect, because it was overwritten by the default setting.
- \* Fix: pageanchor=false disabled \@hyperfixhead and thus many other features unrelated to pageanchor itself.
  (Thanks to Hendri Adriaens for report and analysis.)
  Now pageanchor can be changed during the document, too.
- \* Protection of strings that are written as PS/PDF strings.
- \* Hook \Hy@setouterhbox for package setouterhbox.
- \* Option plainpages: \thepage is run through \pdfstringdef. Helps in the case of spanish roman numbers.
- \* Deprecate warning for option 'dvipdf'.
- \* \ding replaced by its code for dropping the dependency on package pifont and a compatibility problem with package pinyin (Werner Lemberg).
- \* \hyper@normalise: "\\" is escape for "\" (\href, ...).
- \* Bug fix (debian 351260) in float support by Braun Gabor.
- \* Fix: Write register for bookmarks is only allocated if needed.
- \* Empty Unicode strings without Unicode header bytes.
- \* Fix for pdfmark+unicode+pdfpagelabels.
- st Bug fix for empty destination names of pdfmark based drivers.

- \* Documentation: option hyperfootnotes added.
- \* French texts (\HyLang@french) provided by Marc-Antoine Parent.
- $\boldsymbol{\ast}$  README: compatibility entries for packages ellipsis, verse.
- \* \hyper@normalize: support of active dollar.
- \* puenc.def: some fixes, reported by Ralf Stubner.
- \* Makefile no longer provided.
- \* nameref 2.25, backref 1.26: Documenation fix: \HyperrefOverview is undefined if bmhydoc.sty is not loaded.
- st nameref 2.24: Patch for ifthen moved from hyperref to nameref.
- \* nameref 2.24: Definitions of \filedate and \fileversion removed.
- \* nameref 2.23: Support for captions added.
- \* nameref 2.22:
- Fix: \@safe@activestrue limited to label name.
- \* backref 1.25: New feature \ifbackrefparscan/\backrefprint
- \* backref 1.25: Definitions of \filedate and \fileversion removed.
- \* backref 1.24: [#1] --> [{#1}]
- \* Documentation: README.pdf and ChangeLog.pdf added.

#### 2003-12-03 Heiko Oberdiek

- \* nameref 2.21
- \* \ref and \pageref are defined at any case, if hyperref is not loaded.

#### 2003-11-30 6.74m Heiko Oberdiek

- \* 6.74m
- \* \textcolor disabled in bookmarks.

#### 2003-11-15 6.741 Heiko Oberdiek

- \* 6.741
- \* Typo fixed by Werner Lemberg: s/CJK@punktcharx/CJK@punctcharx/

### 2003-10-30 Heiko Oberdiek

\* nameref 2.20: titlesec support added.

#### 2003-10-12 6.74k Heiko Oberdiek

- \* 6.74k
- \* Fix for more than one footnote in longtable's columns of type "p".

# 2003-10-06 6.74j Heiko Oberdiek

- \* 6.74j
- \* Bug fix: automatic link type detection failed for url field in references (eg. imported labels by xr-hyper).

### 2003-09-15 6.74i Heiko Oberdiek

- \* 6.74i
- \* Bug fix (\if-commands after \ifx of 6.74h's "fleqn" detection).

# 2003-07-27 6.74h Heiko Oberdiek

- \* 6.74h
- \* The lost source for the manual is rewritten by Steve Peter and updated by Karl Berry.
- \* Bug fix of 6.74f does not work for amsmath's option "fleqn", the \label does not detect the equation number, therefore the fix is disabled, if "fleqn" is detected.

# 2003-07-22 6.74g Heiko Oberdiek

- \* 6.74g
- \* Bug fixed in pdfmark.def: definition of \strip@pt@and@otherjunk moved before \endinput by implicit=false.

# 2003-07-10 6.74f Heiko Oberdiek

\* 6.74f

\* Fix for wrong vertical spacing between amsmath's equation environments (Dmitri Chubarov <chubarik@gorodok.net>).

# 2003-06-01 6.74e Heiko Oberdiek

- \* 6.74e
- \* README: Hint for hypcap added.
- \* pdfmark.def: "cvn" added for named GoToR destination (Reinhard Jahraus).

#### 2003-05-12 6.74d Heiko Oberdiek

- \* 6.74d
- \* An empty dictionary /ViewerPreferences is now suppressed.

#### 2003-05-12 6.74c Heiko Oberdiek

- \* 6.74c
- \* \@addtoreset: \edef replaced by \xdef.

# 2003-04-28 6.74b Heiko Oberdiek

- \* 6.74b
- \* Patch for float.sty compatibility (Anselm Lingnau/Marco Kuhlmann).
- \* Tried better anchor setting for floats that are controlled by float.sty. Several captions inside one float are not supported.

#### 2003-04-27 6.74a Heiko Oberdiek

- \* 6.74a
- \* \newcounter{foo}[bar]: using \theHbar, if available.

# 2003-04-14 6.73z Heiko Oberdiek

- \* 6.73z
- \* New option "pdfdisplaydoctitle" (PDF 1.4).
- $*\ {\tt New\ option\ "pdfnonfullscreenpagemode"}.$

### 2003-03-31 6.73y Heiko Oberdiek

- \* 6.73y
- \* Also the KOMA-Script classes redefine \LT@array, therefore longtable fix extended.

### 2003-03-25 6.73x Heiko Oberdiek

- \* 6.73x
- \* Behaviour of warning "bookmark level for unknown ..." changed:
  - \* The missing \toclevel@... command is globally defined to avoid further warnings.
  - \* If this entry is not used for the bookmarks, the warning is changed into a \PackageInfo.
- \* Language support for Afrikaans added.

# 2003-03-21 6.73w Heiko Oberdiek

- \* 6.73w
- \* Errors corrected in documentation part.

# 2003-03-21 6.73v Heiko Oberdiek

- \* 6.73v
- $\boldsymbol{\ast}$  \hyperpage now ignores spaces and empty arguments.

### 2003-03-21 6.73u Heiko Oberdiek

- \* 6.73u
- \* Option "encap", other encap character for use with hyperindex can be given.

# 2003-03-20 6.73t Heiko Oberdiek

- \* 6.73t
- \* hyperref now uses the same method for language support as backref 1.23.

- \* Change from \captions<lang> to \extras<lang>.
- \* backref 1.23

Babel support for language strings added (suggestion of Danie Els).

# 2003-03-20 6.73s Heiko Oberdiek

- \* 6.73s
- \* Default for \itemautorefname added.
- \* backref 1.22

Bug fixes and additions of Danie Els <dnjels@sun.ac.za>:

- \* Typo fixed in \backreflastsep.
- \* Package natbib support, if hyperref is not loaded.
- \* Language Afrikaans added.
- \* hyperref.ins:

hyperref.drv and hycheck.tex are put outside the scope of  $\$ 

#### 2003-03-19 6.73r Heiko Oberdiek

- \* 6.73r
- \* \hyper@link@: \@safe@activestrue used for internal name
- \* backref 1.21:
  - \* Continued with inserting of \@safe@activestrue.
  - \* \backrefxxxdupe added for comparision and detection of dupes.
  - \* \backrefalt added with more powerful interface with macros \backrefsep, \backreftwosep, and \backreflastsep.
  - \* Language options added.
  - \* More documentation.

# 2003-03-18 6.73q Heiko Oberdiek

- \* 6.73q
- \* Suppressing /URI entry if \@baseurl is empty (hpdftex, hdvipsone).
- \* /URI moved to Cataloge (hdvipsone).
- \* Some locations of "file:" replaced by \Hy@linkfileprefix.

# 2003-03-18 6.73p Heiko Oberdiek

- \* 6.73p
- \* Patch for longtable added (problem reported by Thomas Beuthe).

# 2003-02-11 6.73o Heiko Oberdiek

- \* 6.73o
- $\ast$  Support for babel's shorthands in \autoref fixed.
- \* Support for \autoref in bookmarks added.
- \* Option final added similar to graphics.sty, article.cls,  $\dots$
- \* \hyperref[#1] does now use babel's \@safe@activestrue.

# 2003-01-22 6.73n Heiko Oberdiek

- \* 6.73n
- \* Unsafe key value pair: Action=<<...#2...#3...>> replaced by: Action={<<...#2...#3...>>} because it breaks, if #2 or #3 contain a comma.

# 2003-01-22 6.73m Heiko Oberdiek

- \* 6.73m
- \* Support for \@makecaption of class IEEEtran with three arguments removed, because version V1.6b uses the standard LaTeX interface with two arguments.

#### 2003-01-20 6.731 Heiko Oberdiek

- \* 6.731
- \* Footnote fix: Initialization of \Hy@footnote@currentHref added (Thorsten Schwander <schwander@horse.lanl.gov>).

#### 2003-01-17 6.73k Heiko Oberdiek

- \* 6.73k
- \* Footnote fix: \label commands inside \footnote do not need nameref support (\@currentlabelname).

# 2003-01-17 6.73j Heiko Oberdiek

- \* 6.73i
- \* Fix for footnote code: a \label after \footnote commands refers to the previous section or similar and not to the footnote.

#### 2002-12-15 6.73i Heiko Oberdiek

- \* 6.73i
- \* \texteuro fixed for PU encoding, Maksym Polyakov <polyama@myrealbox.com>.

#### 2002-12-10 6.73h Heiko Oberdiek

- \* 6.73h
- \* Bugreport of Michael W Daniels <daniels@ling.ohio-state.edu>:
  height in \TextField is not respected, if multiline is set.
  - \* Fixed by moving the height setting code in the default section.
  - \* Also "4\DefaultHeightofText" replaced by a more robust construct.

#### 2002-12-05 6.73g Heiko Oberdiek

- \* 6.73g
- \* \edef instead of \def for comparison with value of option bookmarkstype (in \@@writetorep), the following should work: bookmarkstype=lof

### 2002-12-03 6.73f Heiko Oberdiek

- \* 6.73f
- \* Option "setpagesize" added also for VTeX's \mediawidth/height.
- $\ast$  VTeX: \mediawidth/height is only set with positive dimen values.

# 2002-11-29 6.73e Heiko Oberdiek

- \* 6.73e
- \* Option "setpagesize" added.

# 2002-11-14 6.73d Heiko Oberdiek

- \* 6.73d
- \* Support for \@addtoreset added, similar to \numberwithin (idea of Markus Kohm in de.comp.text.tex).

# 2002-11-07 6.73c Heiko Oberdiek

- \* 6.73c
- \* Added "hyperpage" also after "closing range" (\index{...|)hyperpage}), because it is allowed for makeindex and necessary for XIndy.

# 2002-11-01 6.73b Heiko Oberdiek

- \* 6.73b
- \* \Hy@raisedlink for caption without option nesting.
- \* Support for  $\Omega$  akecaption of class IEEEtran that uses three arguments.

#### 2002-10-24 6.73a Heiko Oberdiek

- \* 6.73a
- \* vtexpdfmark: pdfborder={0 0 1} (Walter Schmidt).

# 2002-10-22 6.72z Heiko Oberdiek

- \* 6.72z
- \* A small remainder of option 4 removed.
- \* options.tex: option pdfpagelabels added, option 4 removed.

# 2002-09-12 6.72y Heiko Oberdiek

- \* 6.72v
- \* Addition to \hyper@normalise: \\_, \textunderscore, \textusciitilde.

#### 2002-09-04 6.72x Heiko Oberdiek

- \* 6.72x
- \* \ReadBookmarks is disabled if bookmarks=false is given.
- \* \Hy@raisedlink introduced into \hyper@natanchorstart (Thanks to Macro Kuhlmann <mk@mcqm.net>).

# 2002-08-24 6.72w Heiko Oberdiek

- \* 6.72w
- \* "\let\pdfoutput\@undefined" removed.
- \* Bug fix: option bookmarksnumbered is now respected, if package slidesec is used.

# 2002-08-04 6.72v Heiko Oberdiek

- \* 6.72v
- \* Koma classes: optional argument for \maketitle.

#### 2002-08-03 6.72u Heiko Oberdiek

- \* 6.72u
- \* \appendix: \Hy@org@appendix moved to the end and renamed to \HyOrg@appendix.

### 2002-07-25 6.72t Heiko Oberdiek

- \* 6.72t
- \* Support for footnotes in p-columns of longtables.

# 2002-06-06 6.72s Heiko Oberdiek

- \* 6.72s
- \* \Hy@defaultdriver used, so that "hypertex" can be redefined in hyperref.cfg (eg. "dvips").

# 2002-06-05 Heiko Oberdiek

- \* backref 1.20
- \* Babel's \@safe@activestrue inserted to bibitem commands. But problems with \cite remains (frenchb.ldf).

# 2002-05-27 6.72r Heiko Oberdiek

- \* 6.72r
- \* Problem with varioref's \vref@pagenum fixed (Thanks to Felix Neubauer <felix.neubauer@gmx.net>).

# 2002-05-10 6.72q Heiko Oberdiek

- \* 6.72q
- \* Some spaces in PDF output of driver pdftex removed.

# 2002-05-09 6.72p Heiko Oberdiek

- \* 6.72p
- \* Option 'pdfusetitle' now correctly disabled.

# 2002-04-20 6.72o Heiko Oberdiek

- \* 6.72o
- \* Bug fix of 6.72n is wrong: Octal escape sequences (\000) are not detected by the method with \meaning. Now another method, based on \dospecials, is

```
used to protect active characters while reading the .out file.
```

#### 2002-04-19 6.72n Heiko Oberdiek

- \* 6.72n
- \* Bug fixed in \ReadBookmarks of driver vtex: the text arguments in the .out file are now protected.

#### 2002-04-15 6.72m Heiko Oberdiek

- \* 6.72m
- \* Adaption to subfigure 2002/03/26 v2.1.2. It uses \AtBeginDocument{...\newcommand{\toclevel@subfigure}...}.

# 2002-04-12 6.721 Heiko Oberdiek

- \* 6.721
- \* Fix from Werner Lemberg <wl@gnu.org> for bookmarks with Big5 encoded strings, preprocessed by package cjk.

#### 2002-04-09 6.72k Heiko Oberdiek

- \* 6.72k
- \* \protected@edef instead of \edef in \hyper@link@.

# 2002-03-27 6.72j Heiko Oberdiek

- \* 6.72j
- \* Tried to fix the problem that links to bibliography points to baseline if pdfTeX is used by inserting \Hy@raisedlink.
- \* \Hy@raisedlink disabled for pdfmark drivers, because they use a PostScript method.

### 2002-03-15 6.72i Heiko Oberdiek

- \* 6.72i
- \* \toclevel@subfigure and \toclevel@subtable fixed.

# 2002-03-15 6.72h Heiko Oberdiek

- \* 6.72h
- \* New structure on tug server.
- \* Makefile: target "distrib" removed.
- \* Textures update by Ross Moore <ross@maths.mq.edu.au>.

# 2002-03-14 6.72g Heiko Oberdiek

- \* 6.72g
- \* Added fix for subfigure 2002/02/14 v2.1. Loading order: nameref, subfigure, hyperref.

# 2002-03-08 6.72f Heiko Oberdiek

- \* 6.72f
- \* dvipdfm: pdfstartpage and pdfstartview fixed (Akira Kakuto <kakuto@fuk.kindai.ac.jp>).

# 2002-02-16 6.72e Heiko Oberdiek

- \* 6.72e
- \* \pdfstringdef: \cyr disabled for russian.ldf
- \* \pdfstringdef: shorthands for macedonian.ldf
- \* VTeX 7.54: pdfnewwindow supported in \hyper@linkfile.

# 2002-01-14 6.72d Heiko Oberdiek

- \* 6.72d
- \* Bug fix: \Hy@title, \Hy@author.

# 2002-01-08 6.72c Heiko Oberdiek

\* 6.72c

- \* pdfmark.def: /URI moved from /DOCVIEW to {Catalog}.
- \* pdfmark.def: Unused \@dobaseurl removed.

#### 2002-01-07 6.72b Heiko Oberdiek

- \* 6.72b
- \* Support of \stockwidth and \stockheight (memoir class).

#### 2002-01-06 6.72a Heiko Oberdiek

- \* 6.72a
- \* Annotation's additinal-actions dictionary for form fields: Supported: keystroke (/K), validate (/V), format (/F) and now added: onfocus (/Fo), onblur (/Bl), onmousedown (/D), onmouseup (/U), onenter (/E), onexit(/X)
- \* Additional-actions dictionary added in \PDFForm@List and \PDFForm@Radio.
- \* \PDFForm@Text: "/Ff 1" added, if only \ifFld@readonly is set.

# 2001-12-23 6.71z Heiko Oberdiek

- \* 6.712
- \* Some  $\providecommand replaced by <math>\providecommand*$ .
- \* Babel's \Qnumber of file lrbabel.def inserts unexpandable tokens into the expansion of \arabic. At some places dummy for \Qnumber inserted, where anchor and link names are expanded.

#### 2001-12-21 6.71y Heiko Oberdiek

- \* 6.71y
- \* Support for chapterbib added, provided by Julian Gilbey <J.D.Gilbey@qmul.ac.uk>.

### 2001-12-06 6.71x Heiko Oberdiek

- \* 6.71x
- \* Added fix by Denis Girou for pst-key.tex (1998, derived from old keyval.dtx). Any initial brace group in the value field is removed.

### 2001-11-14 6.71w Heiko Oberdiek

- \* 6.71w
- \* Added suggestion of Didier Verna <didier@lrde.epita.fr>:
  The fix for multind is also applied for package index.

# 2001-11-12 6.71v Heiko Oberdiek

- \* 6.71v
- \* The feature of 6.71r with automatic detection of title and author can be enabled by option pdfusetitle. The default is disabled.
- \* If pdfusetitle is enabled, an optional argument is detected for \title and \author (amsart class).

# 2001-11-05 6.71u Heiko Oberdiek

- \* 6.71u
- \* \literalps@out for dviwindo (D.P. Story).

### 2001-11-04 6.71t Heiko Oberdiek

- \* 6.71t
- \* The patch for harvard is delayed by \AtBeginDocument to solve a problem with the package load order, if html.sty is present (Command \harvarditem already defined).
- \* The fix for the Adobe bug introduced in 6.71n is changed completely, because Adobe's suggestion generates an extra empty page at the end.

```
2001-10-30 6.71s Heiko Oberdiek
    * 6.71s
    * If "\\" or "\newline" are used in \title or
      \author and reused for the pdf information
      entries, then they are replaced by a space
      or a comma and space, see hyperref.dtx.
2001-10-11 6.71r Heiko Oberdiek
    * 6.71r
    * Detection of \author and \title added for
      defaults of pdf information entries.
2001-09-20 6.71q Heiko Oberdiek
   * 6.71q
    * Fix for Adobe bug of 6.71n:
      * VTeX in PS mode with GeX: \immediate\special{!=...}
2001-09-18 6.71p Heiko Oberdiek
   * 6.71p
    * Fix for Adobe bug of 6.71n improved:
      * Support for dviwindo added (D.P. Story).
      * Check for product added (product is level 2).
2001-09-18 6.71o Heiko Oberdiek
    * 6.71o
    \boldsymbol{*} Warning, if \hypercalcbp is used without
      package calc or e-TeX.
    * Use of \hypercalcbp removed to avoid the above warning.
    * \usepackage{calc} added in testams.tex.
2001-09-18 6.71n Heiko Oberdiek
    * 6.71n
    * If package tex4ht is loaded, option tex4ht
      is added to hyperref's option list
      (Eitan Gurari <gurari@cis.ohio-state.edu>).
    * Bug fix added for Adobe Distiller 5
     (Adobe bug number 466320, thanks to
     D.P. Story and M. Vulis).
    * testams.tex fixed.
2001-08-19 6.71m Heiko Oberdiek
    * 6.71m
    * VTeX's \OpMode=3 is accepted the same way as 1 and 2.
2001-08-19 6.711 Heiko Oberdiek
    * 6 711
    * OS part in VTeX's /Producer default corrected.
2001-08-19 6.71k Heiko Oberdiek
    * 6.71k
    * Default of /Producer string:
      * updated for pdfTeX >= 1.00a,
      * pdfeTeX detection added,
      * \VTeXOS added for VTeX >= 7.45.
2001-08-16 6.71j Heiko Oberdiek
    * 6.71j
    * Translation of \autoref names to brazil/portuges by
      Willie Dresler Leiva <dreslerleiva@hotmail.com>.
    * test/test0.dvi removed.
    * test/test7.tex: \usepackage{times} to get smaller test7.pdf.
```

(\literalps@out for dviwindo is currently only a dummy.)

\* Makefile: targets clean and distrib updated, \$(RM) introduced.

### 2001-08-10 6.71i Heiko Oberdiek

- \* 6.71i
- \* Compatibility problem with xypic, introduced by version 6.71g, fixed.

#### 2001-07-03 Heiko Oberdiek

\* Two small fixes of Makefile, provided by Martin Maechler <maechler@stat.math.ethz.ch>.

#### 2001-06-18 6.71h Heiko Oberdiek

- \* 6.71h
- \* Option pdfpagemode with empty argument sets default behaviour (an alternative would be "UseNone") in order to avoid the wrong name "/".

## 2001-05-26 6.71g Heiko Oberdiek

- \* 6.71g
- \* Contributions by Ross Moore <ross@ics.mq.edu.au> and Daniel Steffen:
  - a. patch to htexture.def that adjusts the PDF@SetupDoc so that it includes the setup information from pdfmark.def as well as the tokens needed by Textures itself.
  - b. changes to the  $\Delta t$ BeginDocument usage to implement compatibility with the ldump.sty package.
- \* Bug fix in multind support (forgotten backslash).
- \* Fix for driver pdftex: \pdfpagewidth and \pdfpageheight are not set, if \paperwidth or \paperheight are zero, because it is likely that the settings of pdftex.cfg are better than the heuristics of pdfTeX, if the dimen lengths are zero.

### 2001-04-13 6.71f Heiko Oberdiek

- \* 6.71f
- \* Feature request of Jens-Uwe Morawski <morawski@gmx.net>: \thispdfpagelabel introduced.

### 2001-04-05 6.71e Heiko Oberdiek

- \* 6.71e
- \* \@begindvi changed:
  - \* \Hy@begindvi for hyperref stuff in \@begindvi introduced,
  - \* small bug fix (first page with options pdfpagelabels + pageanchor=false).

## 2001-04-05 6.71d Heiko Oberdiek

- \* 6.71d
- \* Fix for \@@Radio in hdvipdfm.def for AR5, provided by D. P. Story <story@uakron.edu>.
- \* Spell error corrected (\Hy@captionsspanish).
- \* The fix of 6.71b for VTeX paper size was introduced to solve problem with prosper, but because of new problem with pdfscreen, the fix is redone.

### 2001-02-20 6.71c Heiko Oberdiek

- \* 6.710
- \* Bug fix, introduced in 6.71b.

### 2001-02-20 6.71b Heiko Oberdiek

- \* 6.71b
- \* Fixes by Markus Kohm:
  - \* Applying the  $\d$ addchap hack for scrreprt.
  - \* Disabling the  $\Q$ addchap hack for komascript

```
versions since 2001/01/01, because these versions contain hyperref support.
```

- \* The \@ssect, \@schapter, ... hacks are also applied to driver hypertex.
- \* Fixes by Alex (VTeX):
  - \* Correction of paper size setting.
  - \* /Replace transition supported.

#### 2001-01-27 Heiko Oberdiek

\* nameref 2.19:

option final of showkeys now detected.

### 2000-11-05 6.71a Heiko Oberdiek

- \* 6.71a
- \* Two errorneous garbage lines removed, they cause an infinite loop with \autoref{<equation|footnote>}.

### 2000-10-04 6.71 Sebastian Rahtz

\* 6.71 CTAN release

## 2000-09-29 6.70y Heiko Oberdiek

- \* 6.70y
- \* Check of empty /Dest and /DestAnchor values improved (\pdfmark).

## 2000-09-22 6.70x Heiko Oberdiek

- \* 6.70x
- $\boldsymbol{*}$  Next typo fixed (option american).

# 2000-09-22 6.70w Heiko Oberdiek

- \* 6.70t
- \* \DeclareRobustCommand: \href, \url, \hyperimage, \hyperref
- \* Typo fixed (option american).

## 2000-09-07 6.70v Heiko Oberdiek

- \* 6.70v
- \* Fix for option CJKbookmarks.

# 2000-09-06 6.70u Heiko Oberdiek

- \* 6.70u
- \* Fix of  $\pdf@rect$  and  $\pdf@rect$  and  $\pdf@rect$  for seminar
- \* Default for \special@paper with values for packages typearea or geometry.
- \* Fix for seminar: true values for \pdf{h,v}origin and \pdfpage{width,height} (Thanks to Stephan Lehmke).
- \* File 'test/seminar.con' replaced by environment 'filecontents' in file 'testslide.tex'.

## 2000-09-05 6.70t Heiko Oberdiek

- \* 6.70t
- $\boldsymbol{\ast}$  Fixes for packages listings and listing.
- \* Some \setbox...=\hbox replaced by color safer constructs.
- \* Patch for bookmarks with package cjk, enabled with option 'CJKbookmarks'.

## 2000-08-31 6.70s Heiko Oberdiek

- \* 6.70s

http://www.%

```
dante.de/%
      ("%^^M" are detected and removed, thanks
      Stefan Ulrich <ulrich@cis.uni-muenchen.de>
      for his suggestion.)
    * Checks added to hycheck.tex
    * \caption checks whether \@captype is defined.
2000-08-30 6.70r Heiko Oberdiek
   * 6.70r
    st Shorter PostScript names (/H.X) for drivers of dvips type.
    * Bug fix (hvpdfmark.def): /pdf@voff
    * New test file 'hycheck.tex'.
    * Bug fix: latex/2318 fix added to \@caption.
    * Bug fix: \numberwithin
2000-07-30 6.70q Heiko Oberdiek
    * 6.70q
    * VTeX: further fixes.
2000-07-17 6.70p Heiko Oberdiek
    * \test@reftype fixed (used for \autoref).
    * autorefnames: german fixed, spanish added.
    * VTeX: additions and fixes from Alex Kostin.
2000-07-04 6.70o Heiko Oberdiek
    * 6.700
    * Test files testbm{oe,sc,zc,yi,l}.tex merged to testbma.tex.
    * Added correct \ensuremath{\verb{QhyperQlaunch}} for hvtex.def (Alex Kostin).
2000-07-03 6.70n Heiko Oberdiek
    * 6.70n
    * Default for \Hy@pageheight changed from A4 to
      setting via \hypercalcbp and \paperheight.
2000-07-02 6.70m Heiko Oberdiek
    * Feature added: \hypercalcbp (see hyperref.dtx).
2000-07-02 6.701 Heiko Oberdiek
    * 6.701
    * Bugfix in onopen of 6.70k undoned. It will
      be fixed in VTeX itself.
2000-07-01 6.70k Heiko Oberdiek
    * 6.70k
    * Own section for vtexpdfmark driver and
     PostScript code fixed.
    * Bug in hvtex.def fixed: missing space in onopen special.
2000-07-01 6.70j Heiko Oberdiek
    * 6.70j
    * hyperref.ins for vtexpdfmark corrected.
2000-07-01 6.70i Heiko Oberdiek
    * 6.70i
    \boldsymbol{\ast} Start of new VTeX driver that support pdfmark specials.
      Option 'vtexpdfmark', file 'vtexmrk.def'
      (contributed by Michael Vulis).
    * hyperref.ins: hvtexmrk.def added.
```

2000-06-30 6.70h Heiko Oberdiek

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- \* 6.70h
- \* nohyperref: \hyperpage disabled.
- \* Defaults for \autoref's names only define \...autorefname.
- \* Problem with \hyper@hash fixed.
- \* \nolinkurl added (variant of \url, that does not make a link, eg. for use in the second argument of \href).
- \* Problem fixed, that warning 'Label(s) may have changed.'' always appears with 'babel' and 'bibcite'.
- \* Update of htextures.def by Ross Moore <ross@ics.mq.edu.au>:
  - \* the blue rectangles no longer appear with 'colorlinks',
  - \* pdfmark support,
  - \* the built-in support for hypertex specials is utilised.
- st Update of hvtex.def by Michael Vulis

<support@micropress-inc.com>:

- \* Bug in \Acrobatmenu fixed.
- \* Transition effects added (written by Alex Kostin).
- \* pdfmark.def: Character slash '/' now works in destination names (eg: "cite.DMG:formal/98-12-01").

## 2000-05-08 6.70g Heiko Oberdiek

- \* 6.70g
- \* \autoref names: To solve the uppercase problem, first the names \...autorefname are used in \autoref. Language options added for english and german languages.

### 2000-05-08 6.70f Heiko Oberdiek

- \* 6.70f, nameref: 2.18
- \* Anchor of foonotes raised.
- \* showkey support (nameref.dtx: \label, \ref, \pageref, \nameref, not checked and tested is \cite).
- \* \@xfootnotetext calls \H@@mpfootnotetext, if called in minipage.
- \* Bug \href{foo.pdf#bar} fixed, introduced in 6.70c.
- \* Bug harvard/backref fixed ({\thepage}{\current@label}).

# 2000-04-12 6.70e Heiko Oberdiek

- \* 6.70e
- \* Empty reference causes crash of distiller, therefore empty references replaced by UNDEFINED (pdftex, pdfmark, dvips, vtex, dvipdfm).

## 2000-04-11 6.70d Heiko Oberdiek

- \* 6.70d
- \* hvtexhtm detected as default driver.
- \* Bug fix (undefined \pageref within \ifthenelse).

## 2000-03-31 6.70c Heiko Oberdiek

- \* 6.70c
- \* \hyper@normalise: %, \%, #, \# expands to catcode 'other' characters, \url{http://foo.bar/%2e\_~#hash} should work.
- \* \pdfBorderAttrs removed and replaced by "/Border [\@pdfborder]".
  - If option colorlinks is set, the border is set to zero immediately, not \AtBeginDocument (for people who want to have both borders and colored links).

### 2000-03-31 6.70b Heiko Oberdiek

- \* 6.70b
- \* Definition of \x remains unchanged (bug introduced in 6.67g).
- \* Packages titlesec and titletoc support by Javier Bezos <jbezos@arrakis.es>.
- \*  $\MP$  added ( $\pdf$ bookmarkstring, htex4ht.cfg).
- \* All files of hyperref.dtx now identify themselves

- by \Provides{File, Package}.
- \* Start with nohyperref.sty (SR), toc-level addtions by HO.
- \* Updated: testbm{gl,u}.tex

## 2000-03-23 6.70a Heiko Oberdiek

- \* 6.70a
- \* New option: pdfpageduration for the /Dur key in the pdf page object, the value is empty or contains the length in seconds (real). Supported drivers: pdftex, pdfmark.
- \* New option: pdfpagehidden for the /Hid key in the pdf page object, the value is a boolean. Supported drivers: pdftex, pdfmark.

## 2000-03-22 6.70 Sebastian Rahtz

\* 6.70 CTAN release (TeX Live 5)

### 2000-03-22 6.69f Heiko Oberdiek

- \* 6.69f
- \* \@ifundefined{thechapter} changed to \@ifundefined{chapter} because of compatibility with french.sty.
- \* xr-hyper.sty: \xdef changed to \protected@xdef (Stephan Lehmke <Stephan.Lehmke@cs.uni-dortmund.de>).
- \* hvtex.def: default for pdfview changed to xyz.

#### 2000-03-07 6.69e Heiko Oberdiek

- \* 6.69e
- \* Fix for babel/3174 ( $\colongraph$  ( $\colongraph$  carried in  $\colongraph$ ).

### 2000-03-02 6.69d Heiko Oberdiek

- \* 6.69d
- \* Fix for \texttilde with babel's spanish, estonian, galician
- \* Expandable versions without link of \ref and \pageref: \hypergetref and \hypergetpageref.
- $\ast$  \ifthenelse: \ref and \pageref use the \hyperget... variants.
- \* \hyper@chars added in \hyper@anchor of drivers hypertex, vtexhtml, and vtex.
- \* Forms: checkboxsymbol introduced (Michael Wiedmann <michael.wiedmann@detewe.de>).
- \* Redefinitions in \appendix are made globally (Tim J Harding <Tim.Harding@quadstone.com>).
- $\boldsymbol{\ast}$  If \chapter is undefined, it remains now undefined.

# 2000-01-22 6.69c Heiko Oberdiek

- \* 6.69c
- \* D. P. Story <story@uakron.edu> has adapted forms part of pdfTeX to dvipdfm.

## 2000-01-21 6.69b Heiko Oberdiek

- \* 6.69b
- \* \@writetorep: destination and level check added.
- \* \addcontentsline: \phantomsection added, if no destination.

### 2000-01-19 6.69a Heiko Oberdiek

- \* 6.69a
- \* Bug fixed: tabularx+\maketitle+\footnote.
- \* LPPL 1.2, manifest.txt updated.

### 2000-01-18 6.69 Sebastian Rahtz

- \* 6.69 CTAN release
- $\boldsymbol{\ast}$  Missing test files added.

## 2000-01-17 6.68a Heiko Oberdiek

- \* 6.68a
- \* pdfpagescrop works now with dvipdfm (D. P. Story <story@uakron.edu>).

### 2000-01-13 6.68 Sebastian Rahtz

\* 6.68 CTAN release

#### 2000-01-11 6.67h Heiko Oberdiek

- \* 6.67h
- \* pdfpagemode: /None corrected to /UseNone.
- \* \pdfstringdef: \halign disabled (because of errors by #).
- \* Option draft: bookmarks are disabled (thanks to Michael Vulis).
- \* Outdated bookmark documentation removed.
- \* hvtex.def: \media{width,height} supported.
- \* Space after \@pdfhighlight inserted (hpdftex.def).
- \* Bug fixed in redefinition of \@chapter.
- \* Small bug fixed in \Hy@boolkey.

### 1999-12-01 6.67g Heiko Oberdiek

- \* 6.67g
- \* test/phys332-{1,2}.jpg renamed to test/phys{1,2}.jpg
- \* Improved \catcode check and settings at the beginning of hyperref.sty.
- \* [#1]-Bug fixed by [{#1}] in the definition of \htmlref
  and \@newctr and in many uses of \pdfmark.

### 1999-11-24 6.67f Heiko Oberdiek

- \* 6.67f
- \* Test files checked by Sebastian Rahtz.
- st Unwanted spaces removed (dviwindo, outline).
- \* Redone: \def\texorpdfstring to \newcommand\*
- \* Other implementation of  $\HyPSD@tocsection$  by Michael Downes.
- \* ps2pdf: Default for pdfborder: 0 0 1
- \* \belowpdfbookmark added (setting bookmark below current level without changing it).
- \* \@ChoiceMenu: coiled "{\if}\fi" cleared to "{\if\fi}".
- $\ast$  Fix for \citeN and \shortciteN of package chicago.

# 1999-11-09 6.67e Heiko Oberdiek

- \* 6.67e
- \* Detection of VTeX PS mode (OpMode=2).
- \* Added \tocsection fix for AMS classes (thanks to Michael Downes/Tom Kacvinsky).
- \* Changed \newcommand\*{\texorpdfstring} to \def\texorpdfstring (a wish of Tom Kacvinsky).
- \* INSTALLDIRVAR added to makefile (default:  ${\tt TEXMFMAIN})$  .

## 1999-11-09 6.67d Heiko Oberdiek

- \* 6.67d
- \* Unwanted space removed in \hyper@linkstart (hvtex.def).
- \* <hvtex,hvtexhtml> renamed to <vtex,vtexhtml>
- \* If no driver is given, VTeX in PDF mode is now detected.

### 1999-11-08 6.67c Heiko Oberdiek

- \* 6.67c
- \* hog.{eps,pdf} added for test0.tex
- \* Bug in \Acrobatmenu of hvtex.def fixed.

### 1999-11-04 6.67b Heiko Oberdiek

- \* 6.67b
- \* New feature: With option 'pdfpagelabels' the /PageLabels entry in the /Catalog object of PDF 1.3 is supported.

```
With 'pdftex' and 'vtex' one TeX run suffices, other pdf driver, that work via \special, need two TeX runs.
```

\* Option '4' removed, because it is not used.

## 1999-10-23 6.67a Heiko Oberdiek

- \* 6.67a
- \* \Hy@boolkey with optional argument for option name, if it is different.
- \* hpdftex.def: \pdfrefform\OBJ@acroform, ... added.

### 1999-10-18 6.67 Heiko Oberdiek

\* 6.67 public release on CTAN

## 1999-10-14 6.66m Heiko Oberdiek

- \* 6.66m
- \* makefile fixes.

#### 1999-10-13 6.661 Heiko Oberdiek

- \* 6.661
- $\boldsymbol{\ast}$  dvipdfm driver updated by Sebastian Rahtz.
- \* LPPL 1.1, manifest.txt added.
- \* \hyperlinkfileprefix for Ross Moore.
- \* Option baseurl disabled after first use.
- \* Option debug = verbose.
- \* Used global options are removed from the unused option list.
- \* \pdfstringdef: \leavevmode disabled, \quill@spacing (frenchb.ldf) properly defined.
- \* Directory structure: test/ and doc/
- \* Slides and paper of Heiko's talk at EuroTeX'99 added in doc/.

### 1999-10-07 6.66k Heiko Oberdiek

- \* 6.66k
- \* hyperref.ins: eight times faster by \generate (docstrip 2.4) (Suggestion by Werner Lemberg <wl@gnu.org>).
- \* backref.dtx 1.19:
  - $\boldsymbol{\ast}$  \backcite ignores entries that are already present.
  - \* Some cosmetic clean up.
- \* nameref.dtx 2.17: Some cosmetic clean up.
- \*  $\Hy$ @boolkey with error checking.
- \* Code for options backref and pagebackref rewritten.
- \* Options are disabled after use.

# 1999-10-05 6.66j Heiko Oberdiek

- \* 6.66j
- \* foiltex: \ext@table, \ext@figure defined.

## 1999-10-05 6.66i Heiko Oberdiek

- \* 6.66i
- \* \pdfstringdef: support of shorthands of some babel languages added.
- \* \ij, \IJ added in PD1 and PU encoding for Dutch.

### 1999-10-05 6.66h Heiko Oberdiek

- \* 6.66h
- \* Making destination for \addcontentsline in \@chapter, if \c@secnumdepth<0, \frontmatter, or \backmatter.
- \* '(' and ')' added to \Hy@{Set,Restore}Catcodes.

# 1999-10-01 6.66g Heiko Oberdiek

- \* 6.66g
- \*  $\displaystyle \texttt{\colored}.$

### 1999-09-28 6.66f Heiko Oberdiek

- \* 6.66f
- \* options.tex with bookmarkstype
- \* Bug in \autoref fixed: chapter/appendix detection
- \*  $\$  and  $\$  produces a warning in  $\$
- \* draft=false should work.

#### 1999-09-14 6.66e Heiko Oberdiek

- \* 6.66e
- \* Unwanted space in \HyPsd@LetUnexpandableSpace removed.

#### 1999-09-13 6.66d Heiko Oberdiek

- \* 6.66d
- \* \@footnotemark is also disabled, if package tabularx is loaded.

### 1999-09-10 6.66c Heiko Oberdiek

- \* 6.66c
- \* Bug fix: Definition of  $\Hy@SaveLastSkip$  is moved before  $\MaybeStopEarly$ .

#### 1999-09-10 6.66b Heiko Oberdiek

- \* 6.66b
- \* Starting with option warnings, if the option is set at a wrong place.
- \* Support for package multind.
- \* \textnumero added to testbmu.tex.

## 1999-09-08 6.66a Heiko Oberdiek

- \* 6.66a
- \* Catcodes are set at begin of package and restored at the end.
  (Bug fix: ltxdoc.cls makes '|' active...)

### 1999-09-08 6.66 Sebastian Rahtz

\* Release 6.66

### 1999-09-01 6.65e Heiko Oberdiek

- \* 6.65e
- \* Test for \XR@addURL instead of the package name, because they exist different versions of xr and xr-hyper.

## 1999-08-31 6.65d Heiko Oberdiek

- \* 6.65d
- \* Bug fixed (use of \renewcommand in \pdfstringdefDisableCommands)
- \* Weak support for  $\r$  and  $\p$  ageref in bookmarks added.
- \* Made bookmark code less slow (testbmu.tex compiles 20% faster): \HyPsd@ConvertToUnicode rewritten, \HyPsd@string introduced, ...
- \* Bug detected by Ian Bruce: hyperref has a different spacing with theorem environments.

Cause: The  $\label{lastskip}$  value is destroyd by the specials that set the anchor.

Fix: Saving the \lastskip value before the specials, and after setting  $\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}-\nobreak{h,v}$ 

See  $\Hy@SaveLastskip - \Hy@RestoreLastskip.$ 

 $\label{lem:continuous} $$(most drivers: \nyper@anchor, \hyper@anchorstart - \nyper@anchorend; pdftex: \new@pdflink; dvipdfm: \quad \nyper@anchorend; pdftex: \new@pdflink; dvipdfm: \quad \nyper@anchorend; pdftex: \nyper@ancho$ 

- \* \CYRCHDSC and \cyrchdsc corrected to \CYRCHRDSC and \cyrchrdsc (Thanks to Vladimir Volovich <vvv@vvv.vsu.ru>)
- \* Bug fixed: \MAR@checkcitations redefined to add \hyper@@link. Without this the "Changed labels" warning would always appear.

# 1999-08-24 6.65c Heiko Oberdiek

- \* 6.65c
- \* Unicode bookmark support 0x0000..0x04FF.

- \* testbmu.tex: detailed test file for Unicode bookmarks.
- \* Default setting of \@pdfborder with \providecommand, so package option 'pdfborder' does work now.
- \* \hv@pdf@char: support of octal codes with VTeX versions greater or equal 6.50.
- \* Typo in option 'vtex' corrected.
- \* Again backref 1.18.
- \* Various drivers (dviwindo, hypertex, ...): \leavevmode in \hyper@linkurl, \hyper@linkfile, ... added where missing.
- \* testform2.tex renamed to testfor2.tex (8+3 file name).

#### 1999-08-17 6.65b Heiko Oberdiek

- \* 6.65b
- \* Unicode bookmark support, starting with Cyrillic.

# 1999-08-14 6.65a Heiko Oberdiek

- \* 6.65a
- \* Module pdfstringdef: bug (\space) and typo fixed.

### 1999-08-12 6.65 Sebastian Rahtz

\* RELEASE 6.65

### 1999-08-10 6.64h Sebastian Rahtz

- \* 6.64h
- \* Moved some sections to before \MaybeStopEarly. Otherwise implicit=false mode never saw some important stuff.
- \* hyperref.dtx: added \href to list of ignored commands in bookmarks. cleaned up VTEX stuff as per diagnosis by Heiko

## 1999-08-06 6.64g Sebastian Rahtz

- \* 6.64g
- \* hyperref.dtx: typos and little fixes from Heiko
- \* added another special thing for typexml

## 1999-07-29 Sebastian Rahtz

\* version 6.64c. hyperref.dtx: some typos corrected, and form primitives of pdftex

### 1999-07-28 Sebastian Rahtz

\* cut out any footnote work if tabularx is loaded. add some form stuff from D P Story

## 1999-07-28 Sebastian Rahtz

- \* version 6.64b
- \* hyperref.dtx:

Changes from Heiko:

Module pdfstringdef:

- \* Small bug in  $\HyPsd@ProtectSpaces/HyPsd@RemoveMask fixed.$
- \* \@ifnextchar because of \futurelet disabled.
- \* Disabling of \@ifstar removed, because it calls \@ifnextchar.
- \* \Oprotected@testopt disabled to show the problematic macro in the warning message (commands with an optional argument).
- \* \pdfstringdefWarn#1 prints a warning message with token #1, it can be used in code that disables macros by the user.
- \* \pdfstringdefDisableCommands#1 is a easier interface for the hook \pdfstringdefPreHook. It appends its argument to the meaning of \pdfstringdefPreHook. The character @ can be used in command names.
- \* \penalty is removed silently.
- \* \kern and \hskip are detected with a warning:
  - \* At the beginning or, if the value is less than 1ex, they are removed.
  - \* Else they are replaced by a space.

### Fix for \pdfpage(s)attr:

- \* Setting the /CropBox with \pdfpagesattr:
- The old meaning of \pdfpagesattr is appended.
  \* Initial value of \@pdfpagestransition is \relax
- to differentiate between a unused or empty option.
- \* \hyper@pagetransition (hpdftex):
  - \* The old entry /Trans is removed from \pdfpageattr.
  - \* The remaining old meaning retains and
  - \* the new /Trans is appended.
- \* \hyper@pagetransition (pdfmark):
  - \* \if-switch for \relax added to get the old behaviour.
  - ? (1) Need to delete an old entry?
  - ? If 1=yes, how to delete?

## 1999-07-21 Sebastian Rahtz

\* version 6.64a, corrected typos in VTEX stuff

#### 1999-07-19 6.64 Sebastian Rahtz

- \* RELEASE 6.64
- \* hyperref.dtx: support pdftex > 0.14 with new primitive names
- \* hyperref.dtx: bookmark patches from Stephan Haller, to allow local changes of open status
- \* hyperref.dtx: small patche for \seteqlabel. obscure problem in amstex compatibility mode, found by Michael Downes.
- \* hyperref.dtx: patches to VTEX bookmark processing, from Taco Hoekwater, following patches by Denis Girou.

## 1999-07-08 6.63 Sebastian Rahtz

- \* RELEASE 6.63
- \* hyperref.dtx: added "typexml" option for typexml package
- \* Some cleanups from Heiko

### 1999-06-29 6.62 Sebastian Rahtz

- \* RELEASE 6.62
- \* hyperref.dtx: (from Heiko), gobble \discretionary in bookmarks

# 1999-06-27 6.61 Sebastian Rahtz

- \* RELEASE 6.61
- \* hyperref.dtx: for Babel compatibility, use its \@safe@actives switch in cross-refs (also in nameref.dtx), plus be nicer about
- $\ast$  in \pdfstringdef (from Heiko). Move \phantomsection to main package.

# 1999-06-11 6.60 Sebastian Rahtz

- \* RELEASE 6.60
- \* nameref.dtx: changed \Sectionformat to a \providecommand, as it now comes \AtBeginDocument

## 1999-06-10 Sebastian Rahtz

- \* hyperref.dtx: \* Increment of version letter to 6.58f
- \* hyperref.dtx: add \phantomsection, to make a section-like anchor Missing {} after \@ifpackageloaded{subfigure}
- \* nameref.dtx define \section@level for pdfscreen

### From Heiko:

- \* lastpage fix (added page anchor name, ...).
- \* documentation for lastpage support added.
- \* \pdfstringdef: \Generic{Error,Warn,Info} disabled while expanding.
- \* \pdfstringdef: french fix changed to get rid of hard coded numbers for the guillemets.

## 1999-06-09 Sebastian Rahtz

\* hyperref.dtx: \* Increment of version letter to 6.58b

#### Loads of cleanups by Heiko:

- \* \def\@pdfpagecrop{} removed, because it isn't used further
- \* Loading of  $\Hy$ 0driver part replaced (see previous email)
- \* Old name \Hy@PDFDef found, replaced by \pdfstringdef
- \* Module \pdfstringdef: Use of prefix "\HyPsd@" (it's shorter and easier to read than "\Hy@psd@".
- \* \let\add@accent\HyPsd@add@accent instead of the definition in \pdfstringdef (saving run time).
- \* Corrected to  $\begin{array}{c} \text{* Corrected to } \\ \end{array}$
- \* old ifbookmark replaced by texorpdfstring in description.
- \* Missing lines added in pd1enc.def (\",\r,\v,\.,\c)
- \* Bugs in \define@key{Field}{maxlen}{\Fld@maxlen=#1} and \define@key{Field}{menulength}{%
- \* Changed \orig@appendix to \Hy@orig@appendix. \orig@maketitle to \Hy@orig@maketitle.
- \* Replaced \global\def --> \gdef
- \* Replaced \global\edef --> \xdef
- \* Starting with identing (length 2) and checking the line length.

#### 1999-06-08 Sebastian Rahtz

- \* hyperref.dtx. make "subfigure" force hypertexnames=false; remove exactdef option (obsolete), and set default of 0 for bookmark level of unknown objects (\toclevel@...)
- \* a lot of cleaning up of code layout, requested by Heiko, and bug fixing related to \addcontentsline

### 1999-05-30 Sebastian Rahtz

- \* backref.dtx: added debugging/verbose output
- \* hyperref.dtx: considerable reworking of \addcontentsline, with wide-reaching effects
- \* Some more PD1 fixes from Heiko. Stop using \@foo, too common a choice by others
- \* Some fixes for TeX4ht, from Eitan Gurari

### 1999-05-19 6.57 Sebastian Rahtz

- \* RELEASE 6.57
- \* hyperref.dtx: a good many missing or extra spaces in and around line endings were found by Heiko and corrected.

## 1999-05-18 Sebastian Rahtz

\* hyperref.dtx: fixes to \textLF etc from Heiko

# 1999-05-17 Sebastian Rahtz

- \* hyperref.dtx: Raise equation anchors by \baselineskip; dangerous, but its the only hope for XYZ views
- st Some fixes for tex4ht from Eitan Gurari
- \* stop defaulting papersize \special
- \* make bookmarks use tocdepth not secnumdepth
- \* Some fixes for AMS equations, will probably break something!
- \* some characters changed, and some added, in PD1 encoding, to allow for silly behaviour of Acrobat, and to help Poles (via Wojciech A. Myszka <W.Myszka@immt.pwr.wroc.pl>)
- \* backref.dtx: added support for chicago.sty (requested by Alan Reese)

### 1999-05-14 Sebastian Rahtz

- \* hyperref.dtx: added new option hypertexnames. if it is \*false\*, unique arbitrary names are given for anchors and links, to avoid any conflict caused by counters being redefined etc. Long overdue.
- \* Guillemet fix from Heiko.

# 1999-04-13 6.56 Sebastian Rahtz

\* RELEASE 6.56

\* hyperref.dtx: missed a \if@filesw (Heiko spotted), and removed the <repere> section

### 1999-04-12 6.55 Sebastian Rahtz

- \* RELEASE 6.55
- \* hyperref.dtx: when the run: type of URL is used, a \relax creeps into the output with pdfmark drivers. corrected.
- \* Add some missing \if@filesw code (from Heiko)
- \* Proper dummy initialisation of \pdfbookmark
- \* Correct serious error over detecting whether seminar is being used (added new test, and defined \iffy@seminarslides)
- \* If implicit=false is used, ensure that \PDF@FinishDoc (to add DOCINFO stuff) is still done, \AtBeginDocument (it was tied to the redefinition of \@thehead)

## 1999-03-31 6.54 Sebastian Rahtz

- \* RELEASE 6.54
- \* hyperref.dtx: fixes from Heiko in pdf doc encoding stuff

### 1999-03-30 6.53 Sebastian Rahtz

- \* RELEASE 6.53
- \* hyperref.dtx: complete replacement of Heiko's part by nicely documented dtx....

#### Name changes:

\newif\iffPDFbookmark ==> \newif\iffY@pdfstring (internal name)
\ifbookmark ==> \texorpdfstring (user command)
\Hy@PDFDef ==> \pdfstringdef (user or package command)

### Heiko summarizes the features of this $\Hy@PDFDef:$

- \* PD1 encoding
- \* Unknown glyphs don't cause an infinite error loop now (see bug report few weeks ago in pdftex@tug.org).
- \* Grouping characters can be used, they are removed silently, so things like "\TeX{}" can be written.
- \* With this version of \Hy@PDFDef the option exactdef can be removed now because of the warning messages.
- \* All non-expandible commands like unknown glyphs or stomach commands are catched by this version: a comprehensive warning message is produced and the tokens are removed.
- \* xspace support.
- $\boldsymbol{\ast}$  Support for unbalanced parentheses, hyparen.sty is now obsolete.

# 1999-03-26 6.52 Sebastian Rahtz

- \* RELEASE 6.52
- \* hyperref.dtx: Wherever "naturalnames" is used, disable
  \textlatin (from Babel 3.6k). Thanks to Felix Neubauer
  <Felix.Neubauer@gmx.net>
- \* Fixes for seminar (Denis Girou <denis.girou@idris.fr>)

### 1999-03-12 6.51 Sebastian Rahtz

- \* RELEASE 6.51 (unreleased)
- \* hyperref.dtx: yet more bookmark magic from Heiko Oberdiek!

# 1999-02-21 Sebastian Rahtz

\* hyperref.dtx: trap a URL type of "run:" and attempt to use it to launch an application. In dvips, dvipdfm and pdftex drivers; it seems to work in Windows. By default it translates to file:

# 1999-02-17 Sebastian Rahtz

- \* Changed the copyright notice
- \* hyperref.dtx: some (more) corrections from Heiko

#### 1999-02-16 6.50 Sebastian Rahtz

- \* RELEASE 6.50
- \* hyperref.dtx: some corrections from Heiko

## 1999-02-14 6.49 Sebastian Rahtz

- \* RELEASE 6.49
- \* hyperref.dtx: remove grouping around PDF@SetupDoc, allowing \pdfpagesttr in pdftex to work properly (ie CropBox) move PD@FinishDoc to happen at start of dvi (in page header); this allows for documents ending in \clearpage in which case the stuff never happened. sigh.

### 1999-02-06 6.48 Sebastian Rahtz

- \* RELEASE 6.48
- \* hyperref.dtx: add option "naturalnames", which makes hyperref use eg \thesection instead of \theHsection. may help some people.
- \* Add option "verbose" to provide a debugging hook.
- \* Set some more commands to no-op in bookmarks.
- \* Remove all pdfinfo from PDF@SetupDoc, and transfer to new PDF@FinishDoc, which happens \AtEndDocument. This allows \maketitle to do \hypersetup{pdftitle=\@title} etc
- \* Rearranged some lines of code.

### 1999-02-01 6.47 Sebastian Rahtz

- \* RELEASE 6.47
- \* hyperref.dtx: removed code from dvipdfm by mistake. restored.

# 1999-01-27 6.46 Sebastian Rahtz

- \* RELEASE 6.46
- \* hyperref.dtx: add support for colorlinks to dvipdfm driver (missed out by mistake before), and \AcrobatMenu

### 1999-01-20 Sebastian Rahtz

\* hyperref.dtx: changed \texttilde to \textasciitilde; removed \textbeta

# 1998-12-17 6.45 Sebastian Rahtz

- \* RELEASE 6.45
- \* hyperref.dtx: make \footnotemark and \footnotetext use original non-hyper definitions. from pzezza@facec.cce.unifi.it.

# 1998-12-07 6.44 Sebastian Rahtz

- \* RELEASE 6.44
- \* hyperref.dtx: corrected bookmark writing errors. again...
  removed some spurious \makeat s. removed a spurious { in tex4ht

## 1998-12-01 6.43 Sebastian Rahtz

- \* RELEASE 6.43
- \* hyperref.dtx: fixes for \addcontentsline from kevin@rodin.wustl.edu (Kevin Ruland)
- make \EndOfPackage things happen \AtBeginDocument instead, for consistency
- fixes to hy@temp from Heiko
- added optional first parameter to \BOOKMARK in order to provide dvipdfm with what it wants

## 1998-11-27 Sebastian Rahtz

\* hyperref.dtx: added dvipdfm driver from Mark Wicks <mwicks@kettering.edu>. cleaned up more bookmark code (from Heiko)

# 1998-11-11 6.42 Sebastian Rahtz

\* RELEASE 6.42

- \* hyperref.dtx: replaced bookmark and docinfo writing with new code from Heiko Oberdiek which seems to do a better job
- \* Support for lastpage package.

## 1998-11-03 6.41 Sebastian Rahtz

- \* RELEASE 6.41
- \* hyperref.dtx: cleaned up test for existence of pdftex again, to avoid trampling on other packages. Thomas Esser and David Carlisle pointed out the mess.

### 1998-11-01 6.40 Sebastian Rahtz

- \* RELEASE 6.40
- \* hyperref.dtx: checked various drivers, and had to introduce mew docstrip guards to add some pdfmark to dviwindo. dvipdf broken, so removed from hyperref.ins. Thanks to Thomas Esser for testing so quickly.

### 1998-10-30 6.39 Sebastian Rahtz

- \* RELEASE 6.39
- \* hyperref.dtx: serious error in where colorlinks and frenchlinks were checked. now all at EndOfPackage, after driver load.

### 1998-10-23 6.38 Sebastian Rahtz

- \* RELEASE 6.38
- \* hyperref.dtx: rework handling of driver options so that driver is only loaded at the end, with whatever is the latest name given in config file, document etc. (Thanks to Thomas Esser for suggestion)

## 1998-10-17 6.37 Sebastian Rahtz

- \* RELEASE 6.37
- \* hyperref.dtx: back out change of link to use Action dictionary, it seems to break some Distiller setups, and Ghostscript

## 1998-10-06 Sebastian Rahtz

- \* hyperref.dtx: make all eqnarray stop being an anchor, as it may break over pages.
- \* Whoops. PDF@SetupDoc was after \MayBeStopEarly...

# 1998-09-24 6.36 Sebastian Rahtz

- \* RELEASE 6.36
- \* hyperref.dtx: even if bookmark writing disable, \pdfbookmark still needs to make anchors

# 1998-09-22 Sebastian Rahtz

\* hyperref.dtx: xdef not edef in \@writetorep (thanks to Christian Kumpf <kumpf@igd.fhg.de>)

### 1998-09-12 Sebastian Rahtz

\* hyperref.dtx: added option pdfnumberbookmarks to include section numbers in PDF bookmarks

## 1998-09-07 6.35 Sebastian Rahtz

- \* RELEASE 6.35
- \* hyperref.dtx: added DOCVIEW stuff to dviwindo driver better check for playing in head, means no more overfull hbox messages

### 1998-09-04 Sebastian Rahtz

\* hyperref.dtx: added DOCVIEW stuff to dvipsone driver (pointed out by D P Story)

# 1998-09-03 Sebastian Rahtz

\* hyperref.dtx:

- a) added new option linktocpage to make TOC have links on page
- b) rewrote or checked all uses of \colorlink, so that they have a corresponding \hy@endcolorlink (was \hyper@resetcolor), and so are in a \begingroup ... \endgroup group (requested by Patrick Daly, for consistency if nothing else). Renamed \colorlink to \hy@colorlink

#### 1998-09-02 6.34 Sebastian Rahtz

- \* RELEASE 6.34
- \* hyperref.dtx: chivvied around pdfview so that it worked, and did not override hyperref.cfg. concept of \@pdfviewparam for size parameters

## 1998-08-11 6.33 Sebastian Rahtz

- \* RELEASE 6.33
- \* hyperref.dtx: fix up some forms problems for Laurent Guillope

### 1998-08-08 Sebastian Rahtz

\* hyperref.dtx: add option 'implicit' to allow (with value of false) for no redefinition of LaTeX internals. Re-ordered some code sections to allow for this.

#### 1998-08-02 Sebastian Rahtz

\* hyperref.dtx: corrected some typos and mistakes in form support

### 1998-07-20 Sebastian Rahtz

\* hyperref.dtx: change check of empty head (from test by Denis Roegel)

#### 1998-07-06 6.32 Sebastian Rahtz

- \* RELEASE 6.32
- \* backref.dtx: better test for natbib-like styles
- \* hyperref.dtx: add natbib link break macro
- \* dvipsone: use same pdfsetup as dviwindo

## 1998-06-27 6.31 Sebastian Rahtz

- \* RELEASE 6.31
- \* hyperref.dtx: correct order of part and writetorep
- \* hyperref.dtx: more fixes from MicroPress for their driver. zero width hidden fields -> width of 1sp. Piet van Oostrum's additions to bookmark writing code.
- \* add support for "pdfstartview={}", to get 'default'
  magnification. hyper@linkfile for pdftex always does a user action
  now
- \* Patrick Daly's addition of \ifvmode\nobreak\fi in pdftex start anchor fixes his section problems, but is not entirely general.

## 1998-06-25 Sebastian Rahtz

\* hyperref.dtx: fix NoHyper bug \*properly\* this time.

## 1998-06-25 6.30 Sebastian Rahtz

- \* RELEASE 6.30
- \* hyperref.dtx: zero width hidden fields. support pdfstartview of {}. allow NewWindow false with pdfnewwindow option. correct bug in default value of centerwindow and fitwindow. fix bug in NoHyper. fix bug in \pageref\*.
- \* Add \autoref macro to generate tagged references.

# 1998-06-24 6.29 Sebastian Rahtz

- \* RELEASE 6.29
- \* hyperref.dtx: add \ref\* and \pageref\* to produce unlinked references, and fix bug in label@hyperref.

#### add page transitions for pdftex driver

### 1998-06-23 Sebastian Rahtz

- \* hyperref.dtx: add support for page transitions in pdfmark driver
- \* hyperref.dtx: add key pdfpagelayout
- \* hyperref.dtx: revise form lists, now support Display=Value syntax
- \* hyperref.dtx: change test for whether natbib-like code is present (if NAT@parse is defined), since things like aguplus dont load natbib per se, but use the same code.

#### 1998-06-21 Sebastian Rahtz

- \* hyperref.dtx: if form list value starts with a [, its assumed to be an array of two strings, display and use values.
- \* hyperref.dtx: add 'readonly' key for pdf forms, and hidden for
- \* hyperref.dtx: restructure form drivers to isolate common code for pdftex and pdfmark.

## 1998-06-20 Sebastian Rahtz

\* hyperref.dtx: add 'hidden' key for forms

#### 1998-06-19 6.28 Sebastian Rahtz

- \* RELEASE 6.28
- \* hyperref.dtx: use pdftex version and revision numbers
- \* hyperref.dtx: corrected stupid error which meant that the bookmark file was not being opened.

# 1998-06-16 6.27 Sebastian Rahtz

- \* RELEASE 6.27
- \* hyperref.dtx: finished pdftex forms, and reworked several aspects of forms in general.

### 1998-06-15 Sebastian Rahtz

- \* hyperref.dtx: use \filename@parse to decide whether a file: URL is a local open or a URL. makes ../../xxx work.
- \* VTEX drivers driven by single 'vtex' option which checks  $\ensuremath{\mathsf{OpMode}}$

## $1998\text{-}06\text{-}13 \quad \texttt{Sebastian Rahtz}$

\* hyperref.dtx: merge in material from MicroPress to provide support for VTEX's two new modes of operation, PDF and HTML. Drivers hvtex and hvtexhtml.

## 1998-06-12 6.26 Sebastian Rahtz

- \* (private) RELEASE 6.26
  addition from DPC to provide better support for encoding in
  .out files (must use inputenc)
- \* (private) RELEASE 6.25
- \* hyperref.dtx:

removed quotes from names in dviwindo (DP Story)
comma after file destination in dviwindo (DP Story)
rejig parsing of file: to cope with ../foo/bar, at the
cost of files having to be at least two characters long. ../..
doesn't work either :-}

### 1998-06-05 6.24 Sebastian Rahtz

- \* (private) RELEASE 6.24
- \* hyperref.dtx: unset \@tempa at start of ProcessKVOptions (David Carlisle)
- \* hyperref.dtx: pdftex base url syntax wrong; and if baseurl provided, need to strip file: from URL (corrections by daly@linpwd.mpae.gwdg.de (P.W.Daly, MPAe, Lindau, Germany)

#### 1998-05-27 6.23 Sebastian Rahtz

- \* (private) RELEASE 6.23
- \* hyperref.dtx: remove spurious space in pdfview in pdftex driver

#### 1998-05-16 6.22 Sebastian Rahtz

- \* (private) RELEASE 6.22
- \* hyperref.dtx: in draft mode, need fifth and secondoffive to be really secondoffive

#### 1998-05-08 6.21 Sebastian Rahtz

- \* (private) RELEASE 6.21
- \* hyperref.dtx: added new key "pdfhighlight" to set Acrobat behaviour when a link is pressed. Make destinations use the Action dictionary. Added first cut at forms support.

## 1998-03-25 6.20 Sebastian Rahtz

- \* (private) RELEASE 6.20
- \* RELEASE 6.19
- $\boldsymbol{\ast}$  pdftex seems to have changed, added goto page for openaction
- \* hyperref.dtx: put / in front of pdfstartview still changing textures driver

#### 1998-03-22 6.18 Sebastian Rahtz

\* RELEASE 6.18

#### 1998-03-21 Sebastian Rahtz

- \* hyperref.dtx: add conditional code for fancyvrb, to stop links being made to fancyvrb lines.
- \* experimental textures driver
- \* pdftex as 0.12 the default; use guard pdftexold to select 0.11 behaviour

### 1998-03-07 6.17 Sebastian Rahtz

- \* RELEASE 6.17

## 1998-03-05 Sebastian Rahtz

\* hyperref.dtx: put braces around URL in pdfmark driver, to stop keyval splitting at an = sign within the URL (bug report from Ahmed Hindawi <hindawi@ephouse.com>)

## 1998-03-03 Sebastian Rahtz

- \* hyperref.dtx: add first cut at tex4ht driver
- \* hyperref.dtx: changes for pdftex 0.12 driver (syntax changes)

### 1998-02-28 6.16 Sebastian Rahtz

- \* (private) RELEASE 6.16
- \* hyperref.dtx: AMSLaTeX does everything twice; pdftex actually
  \*executes\* the hyper code twice, so that destinations are defined
  twice. Make use of \ifmeasuring@ to avoid this.

### 1998-02-25 6.15 Sebastian Rahtz

- \* RELEASE 6.15
- $\boldsymbol{\ast}$  Sigh. Messed up counters again. Fixed. It had better be right this time.
- \* RELEASE 6.14
- \* hyperref.dtx: added key bookmarksopen to dictate whether or not the bookmark tree is expanded (from Brian Ripley)
- \* cleaned up the \*horrible\* mess created by me over items, which mean that I had turned off the incrementing....
- \* typo in  $\pdfbookmark$  corrected

```
* re-fix \@footnotemark in \maketitle
    \ast reverse parameters of \t
1998-02-20 6.12 Sebastian Rahtz
    * RELEASE 6.12
    * RELEASE 6.11
    * hyperref.dtx: play around with items again for Tanmoy. ugh, all
      sorts of changes to stop bibitems getting 3 destinations defined.
1998-01-26 Sebastian Rahtz
    * hyperref.dtx: define \mbox{@makefnmark instead of }\mbox{@footnotemark, to}
     take advantage of white space and hyphenation fudges (from DPC)
    * backref.dtx: remove white space in for loop of \backcite
1998-01-22 6.10 Sebastian Rahtz
   * RELEASE 6.10
    * more dealing with \url, allowing for _
1998-01-21 6.9 Sebastian Rahtz
    * release 6.9
    * fixed some small bugs (though more remain) and added
      \Acrobatmenu command.
1997-12-11 Sebastian Rahtz
    * hyperref.dtx: altered algorithm of tocdepth for pdf bookmarks;
      rewrote nesting again. still concerned about global allocation
      of 'current' tokens, and lack of nesting in PS file.
1997-12-09 Sebastian Rahtz
    * hyperref.dtx: rewrote handling of (non) nesting. the innards of
      an anchor are now processing inside {\stop@hyper...} which
      hopefully makes all hyper commands no-ops. ripley@stats.ox.ac.uk
      (Prof Brian Ripley) found several things which forced me to do
      *something* (ie a \cite inside a \caption gave the destination of
      the cite to the caption)
    * Daniel T. Cobra <cobra@gyron.acate.com.br> gave me a new
      {\tt incompatibility\ with\ ps2pdf}
1997-11-24 6.7 Sebastian Rahtz
    * RELEASE 6.7
    st started hyperref ChangeLog. cleanup of copyright for Debian inclusion
    hyperref06.log
This is e-upTeX, Version 3.141592653-p4.1.0-u1.29-230214-2.6 (utf8.sjis) (TeX Live 2023) (preloaded format=platex 2024.1.6) 22 JAN 202
entering extended mode
 restricted \write18 enabled.
%&-line parsing enabled.
```

1998-02-23 6.13 Sebastian Rahtz

\* changes to  $\in \mbox{titem had totally wrecked natbib :-}$ 

\* added keys for PDF creator and producer

\* RELEASE 6.13

\*\*hyperref06.tex (./hyperref06.tex

LaTeX2e <2023-11-01>

\jsc@mpt=\dimen156

pLaTeX2e <2023-02-14>+1, based on

L3 programming layer <2024-01-04>

(c:/texlive/2023/texmf-dist/tex/platex/jsclasses/jsarticle.cls
Document Class: jsarticle 2023/02/23 jsclasses (okumura, texjporg)
Class jsarticle Info: Autodetected engine: pLaTeX on input line 236.

```
\jsc@mmm=\dimen157
\jsc@smallskipamount=\skip48
LaTeX Info: Redefining \textmc on input line 511.
LaTeX Info: Redefining \textgt on input line 513.
\symmincho=\mathgroup4
LaTeX Font Info: Overwriting symbol font 'mincho' in version 'bold'
                      JY1/mc/m/n \longrightarrow JY1/gt/m/n on input line 575.
(Font)
LaTeX Font Info: Font shape 'JT1/mc/m/n' will be
(Font)
                  scaled to size 9.60999pt on input line 769.
LaTeX Font Info:
                  Font shape 'JY1/mc/m/n' will be
(Font)
                   scaled to size 9.60999pt on input line 769.
\fullwidth=\dimen158
LaTeX Font Info: Font shape 'JT1/mc/m/n' will be
                   scaled to size 7.68799pt on input line 922.
(Font)
LaTeX Font Info:
                   Font shape 'JY1/mc/m/n' will be
(Font)
                    scaled to size 7.68799pt on input line 922.
\c@part=\count186
\c@section=\count187
\c@subsection=\count188
\c@subsubsection=\count189
\c@paragraph=\count190
\c@subparagraph=\count191
\0abstractbox=\box68
\c@figure=\count192
\c@table=\count193
\verb|\abovecaptionskip=\skip49| \\
\belowcaptionskip=\skip50
\jsc@tocl@width=\dimen159
\@lnumwidth=\dimen160
\bibindent=\dimen161
(c:/texlive/2023/texmf-dist/tex/platex/jsclasses/jslogo.sty
Package: jslogo 2019/07/25 okumura, texjporg
LaTeX Info: Redefining \TeX on input line 82.
LaTeX Info: Redefining \LaTeX on input line 135.
LaTeX Info: Redefining \LaTeXe on input line 188.
\heisei=\count194
(c:/texlive/2023/texmf-dist/tex/latex/moreverb/moreverb.sty
Package: moreverb 2008/06/03 v2.3a 'more' verbatim facilities
(c:/texlive/2023/texmf-dist/tex/latex/tools/verbatim.stv
Package: verbatim 2023-11-06 v1.5v LaTeX2e package for verbatim enhancements
\every@verbatim=\toks18
\verbatim@line=\toks19
\verbatim@in@stream=\read2
\tab@position=\count195
\tab@size=\count196
\listing@line=\count197
(c:/texlive/2023/texmf-dist/tex/platex/japanese-otf/otf.sty
Package: otf 2023/10/09 TeX JP org, v1.7b8 psitau, u0.30 ttk
(c:/texlive/2023/texmf-dist/tex/latex/graphics/keyval.sty
Package: keyval 2022/05/29 v1.15 key=value parser (DPC)
\KV@toks@=\toks20
LaTeX Font Info:
                    Redeclaring symbol font 'mincho' on input line 345.
LaTeX Font Info: Overwriting symbol font 'mincho' in version 'normal'
(Font)
                        JY1/mc/m/n \longrightarrow JY1/hmc/m/n on input line 345.
LaTeX Font Info: Overwriting symbol font 'mincho' in version 'bold'
                       JY1/gt/m/n --> JY1/hmc/m/n on input line 345.
(Font)
```

```
LaTeX Font Info:
                   Overwriting symbol font 'mincho' in version 'bold'
(Font)
                        JY1/hmc/m/n --> JY1/hmc/bx/n on input line 347.
LaTeX Font Info: Redeclaring math alphabet \mathgt on input line 348.
LaTeX Font Info: Overwriting math alphabet '\mathgt' in version 'normal'
(Font)
                        JY1/gt/m/n \longrightarrow JY1/hgt/m/n on input line 348.
LaTeX Font Info:
                  Overwriting math alphabet '\mathgt' in version 'bold'
(Font)
                        JY1/gt/m/n \longrightarrow JY1/hgt/m/n on input line 348.
LaTeX Font Info: Overwriting math alphabet '\mathgt' in version 'bold'
                        JY1/hgt/m/n \longrightarrow JY1/hgt/bx/n on input line 349.
(Font)
(c:/texlive/2023/texmf-dist/tex/platex/japanese-otf/ajmacros.sty
Package: ajmacros 2019/04/01 21:00 iNOUE Koich! <inoue@ma.ns.musashi-tech.ac.jp
\@tempcntc=\count198
\@tempcntd=\count199
\@tempcnte=\count266
\@tempcntf=\count267
(c:/texlive/2023/texmf-dist/tex/latex/zwgetfdate/zwgetfdate.sty
Package: zwgetfdate 2008/07/14 Get File/Package Date
(c:/texlive/2023/texmf-dist/tex/latex/graphics/graphicx.sty
Package: graphicx 2021/09/16 v1.2d Enhanced LaTeX Graphics (DPC,SPQR)
(c:/texlive/2023/texmf-dist/tex/latex/graphics/graphics.sty
Package: graphics 2022/03/10 v1.4e Standard LaTeX Graphics (DPC,SPQR)
(\verb|c:/texlive/2023/texmf-dist/tex/latex/graphics/trig.sty|\\
Package: trig 2021/08/11 v1.11 sin cos tan (DPC)
(c:/texlive/2023/texmf-dist/tex/latex/graphics-cfg/graphics.cfg
File: graphics.cfg 2016/06/04 v1.11 sample graphics configuration
Package graphics Info: Driver file: dvipdfmx.def on input line 107.
(c:/texlive/2023/texmf-dist/tex/latex/graphics-def/dvipdfmx.def
File: dvipdfmx.def 2022/09/22 v5.0m Graphics/color driver for dvipdfmx
\Gin@req@height=\dimen162
\Gin@req@width=\dimen163
(c:/texlive/2023/texmf-dist/tex/latex/hyperref/hyperref.sty
Package: hyperref 2024-01-20 v7.01h Hypertext links for LaTeX
(c:/texlive/2023/texmf-dist/tex/generic/iftex/iftex.sty
Package: iftex 2022/02/03 v1.0f TeX engine tests
(c:/texlive/2023/texmf-dist/tex/latex/kvsetkeys/kvsetkeys.sty
Package: kvsetkeys 2022-10-05 v1.19 Key value parser (HO)
(c:/texlive/2023/texmf-dist/tex/generic/kvdefinekeys/kvdefinekeys.sty
Package: kvdefinekeys 2019-12-19 v1.6 Define keys (HO)
(c:/texlive/2023/texmf-dist/tex/generic/pdfescape/pdfescape.sty
Package: pdfescape 2019/12/09 v1.15 Implements pdfTeX's escape features (HO)
(c:/texlive/2023/texmf-dist/tex/generic/ltxcmds/ltxcmds.sty
Package: ltxcmds 2023-12-04 v1.26 LaTeX kernel commands for general use (HO)
(c:/texlive/2023/texmf-dist/tex/generic/pdftexcmds/pdftexcmds.sty
Package: pdftexcmds 2020-06-27 v0.33 Utility functions of pdfTeX for LuaTeX (HO
```

```
(c:/texlive/2023/texmf-dist/tex/generic/infwarerr/infwarerr.sty
Package: infwarerr 2019/12/03 v1.5 Providing info/warning/error messages (HO)
Package pdftexcmds Info: \pdf@primitive is available.
Package pdftexcmds Info: \pdf@ifprimitive is available.
Package pdftexcmds Info: \pdfdraftmode not found.
(c:/texlive/2023/texmf-dist/tex/latex/hycolor/hycolor.sty
Package: hycolor 2020-01-27 v1.10 Color options for hyperref/bookmark (HO)
(c:/texlive/2023/texmf-dist/tex/latex/auxhook/auxhook.sty
Package: auxhook 2019-12-17 v1.6 Hooks for auxiliary files (HO)
\verb|(c:/texlive/2023/texmf-dist/tex/latex/hyperref/nameref.sty|\\
Package: nameref 2023-11-26 v2.56 Cross-referencing by name of section
(c:/texlive/2023/texmf-dist/tex/latex/refcount/refcount.sty
Package: refcount 2019/12/15 v3.6 Data extraction from label references (HO)
(c:/texlive/2023/texmf-dist/tex/generic/gettitlestring/gettitlestring.sty
Package: gettitlestring 2019/12/15 v1.6 Cleanup title references (HO)
(c:/texlive/2023/texmf-dist/tex/latex/kvoptions/kvoptions.sty
Package: kvoptions 2022-06-15 v3.15 Key value format for package options (HO)
\c@section@level=\count268
(c:/texlive/2023/texmf-dist/tex/latex/etoolbox/etoolbox.sty
Package: etoolbox 2020/10/05 v2.5k e-TeX tools for LaTeX (JAW)
\etb@tempcnta=\count269
\@linkdim=\dimen164
\Hv@linkcounter=\count270
\Hy@pagecounter=\count271
(c:/texlive/2023/texmf-dist/tex/latex/hyperref/pd1enc.def
File: pd1enc.def 2024-01-20 v7.01h Hyperref: PDFDocEncoding definition (HO)
Now handling font encoding PD1 ...
... no UTF-8 mapping file for font encoding PD1
(c:/texlive/2023/texmf-dist/tex/generic/intcalc/intcalc.sty
Package: intcalc 2019/12/15 v1.3 Expandable calculations with integers (HO)
\verb|\Hy@SavedSpaceFactor=\count272| \\
(c:/texlive/2023/texmf-dist/tex/latex/hyperref/puenc.def
File: puenc.def 2024-01-20 v7.01h Hyperref: PDF Unicode definition (HO)
Now handling font encoding PU \dots
... no UTF-8 mapping file for font encoding PU
Package hyperref Info: Option 'setpagesize' set 'false' on input line 4062.
Package hyperref Info: Option 'bookmarks' set 'true' on input line 4062.
Package hyperref Info: Option 'bookmarksnumbered' set 'true' on input line 4062
Package hyperref Info: Hyper figures OFF on input line 4179.
Package hyperref Info: Link nesting OFF on input line 4184.
Package hyperref Info: Hyper index ON on input line 4187.
Package hyperref Info: Plain pages OFF on input line 4194.
Package hyperref Info: Backreferencing OFF on input line 4199.
Package hyperref Info: Implicit mode ON; LaTeX internals redefined.
Package hyperref Info: Bookmarks ON on input line 4446.
\c@Hy@tempcnt=\count273
```

```
(c:/texlive/2023/texmf-dist/tex/latex/url/url.sty
\Urlmuskip=\muskip16
Package: url 2013/09/16 ver 3.4 Verb mode for urls, etc.
LaTeX Info: Redefining \url on input line 4784.
\XeTeXLinkMargin=\dimen165
(c:/texlive/2023/texmf-dist/tex/generic/bitset/bitset.sty
Package: bitset 2019/12/09 v1.3 Handle bit-vector datatype (HO)
(c:/texlive/2023/texmf-dist/tex/generic/bigintcalc/bigintcalc.sty
Package: bigintcalc 2019/12/15 v1.5 Expandable calculations on big integers (HO
))
\Fld@menulength=\count274
\Field@Width=\dimen166
\Fld@charsize=\dimen167
Package hyperref Info: Hyper figures OFF on input line 6063.
Package hyperref Info: Link nesting OFF on input line 6068.
Package hyperref Info: Hyper index ON on input line 6071.
Package hyperref Info: backreferencing OFF on input line 6078.
Package hyperref Info: Link coloring OFF on input line 6083.
Package hyperref Info: Link coloring with OCG OFF on input line 6088.
Package hyperref Info: PDF/A mode OFF on input line 6093.
(c:/texlive/2023/texmf-dist/tex/latex/base/atbegshi-ltx.sty
Package: atbegshi-ltx 2021/01/10 v1.0c Emulation of the original atbegshi
package with kernel methods
\label{thm:local_space} $$\t 0.01275
\c@Item=\count276
\c@Hfootnote=\count277
Package hyperref Info: Driver: hdvipdfm.
(c:/texlive/2023/texmf-dist/tex/latex/hyperref/hdvipdfm.def
File: hdvipdfm.def 2024-01-20 v7.01h Hyperref driver for dvipdfm
\pdfm@box=\box69
\c@Hy@AnnotLevel=\count278
\HyField@AnnotCount=\count279
\Fld@listcount=\count280
\c@bookmark@seq@number=\count281
(c:/texlive/2023/texmf-dist/tex/latex/rerunfilecheck/rerunfilecheck.sty
Package: rerunfilecheck 2022-07-10 v1.10 Rerun checks for auxiliary files (HO)
(c:/texlive/2023/texmf-dist/tex/latex/base/atveryend-ltx.sty
Package: atveryend-ltx 2020/08/19 v1.0a Emulation of the original atveryend pac
kage
with kernel methods
(c:/texlive/2023/texmf-dist/tex/generic/uniquecounter/uniquecounter.sty
Package: uniquecounter 2019/12/15 v1.4 Provide unlimited unique counter (HO)
Package uniquecounter Info: New unique counter 'rerunfilecheck' on input line 2
85.
\Hy@SectionHShift=\skip51
(./pxjahyper.sty
Package: pxjahyper 2023/03/01 v1.3
 (c:/texlive/2023/texmf-dist/tex/latex/bxjatoucs/bxjatoucs.sty
Package: bxjatoucs 2019/10/20 v0.2
```

```
) (c:/texlive/2023/texmf-dist/tex/platex/pxjahyper/pxjahyper-enc.sty
Package: pxjahyper-enc 2023/03/01 v1.3
Package pxjahyper Info: Loaded 'pxjahyper-ajm.def'.
(c:/texlive/2023/texmf-dist/tex/platex/pxjahyper/pxjahyper-ajm.def
File: pxjahyper-ajm.def 2023/03/01 v1.3
(c:/texlive/2023/texmf-dist/tex/platex/pxjahyper/pxjahyper-uni.def
File: pxjahyper-uni.def 2023/03/01 v1.3
Package pxjahyper Info: The setup for hyperref 'unicode' is applied.
LaTeX Font Info: Font shape 'JT1/hmc/m/n' will be
(Font)
                   scaled to size 9.24683pt on input line 24.
LaTeX Font Info: Font shape 'JY1/hmc/m/n' will be
                   scaled to size 9.24683pt on input line 24.
(Font)
(c:/texlive/2023/texmf-dist/tex/latex/l3backend/l3backend-dvipdfmx.def
File: l3backend-dvipdfmx.def 2024-01-04 L3 backend support: dvipdfmx
\g__graphics_track_int=\count282
\l__pdf_internal_box=\box70
\g__pdf_backend_object_int=\count283
\g__pdf_backend_annotation_int=\count284
\g__pdf_backend_link_int=\count285
(./hyperref06.aux)
\openout1 = 'hyperref06.aux'.
LaTeX Font Info:
                 Checking defaults for OML/cmm/m/it on input line 24.
LaTeX Font Info:
                   ... okay on input line 24.
LaTeX Font Info: Checking defaults for OMS/cmsy/m/n on input line 24.
LaTeX Font Info:
                   ... okay on input line 24.
LaTeX Font Info:
                  Checking defaults for OT1/cmr/m/n on input line 24.
LaTeX Font Info:
                   ... okay on input line 24.
LaTeX Font Info: Checking defaults for T1/cmr/m/n on input line 24.
LaTeX Font Info: \dots okay on input line 24.
LaTeX Font Info:
                  Checking defaults for TS1/cmr/m/n on input line 24.
LaTeX Font Info:
                   ... okay on input line 24.
LaTeX Font Info: Checking defaults for OMX/cmex/m/n on input line 24.
LaTeX Font Info:
                   ... okay on input line 24.
{\tt LaTeX\ Font\ Info:}\qquad {\tt Checking\ defaults\ for\ U/cmr/m/n\ on\ input\ line\ 24.}
LaTeX Font Info:
                   ... okay on input line 24.
                 Checking defaults for JY1/mc/m/n on input line 24.
LaTeX Font Info:
LaTeX Font Info:
                   ... okay on input line 24.
LaTeX Font Info: Checking defaults for JT1/mc/m/n on input line 24.
LaTeX Font Info:
                  ... okay on input line 24.
LaTeX Font Info:
                   Checking defaults for PD1/pdf/m/n on input line 24.
LaTeX Font Info:
                   ... okay on input line 24.
LaTeX Font Info: Checking defaults for PU/pdf/m/n on input line 24.
LaTeX Font Info:
                   ... okay on input line 24.
Package hyperref Info: Link coloring OFF on input line 24.
 (./hyperref06.out) (./hyperref06.out)
\@outlinefile=\write3
\openout3 = 'hyperref06.out'.
LaTeX Font Info:
                   Font shape 'JT1/hmc/m/n' will be
(Font.)
                   scaled to size 15.9785pt on input line 27.
LaTeX Font Info: Font shape 'JY1/hmc/m/n' will be
(Font)
                   scaled to size 15.9785pt on input line 27.
LaTeX Font Info: Font shape 'JT1/hgt/m/n' will be
(Font)
                   scaled to size 15.9785pt on input line 27.
LaTeX Font Info: Font shape 'JY1/hgt/m/n' will be
```

```
(Font)
                   scaled to size 15.9785pt on input line 27.
LaTeX Font Info: Font shape 'JT1/hmc/m/n' will be
(Font)
                   scaled to size 11.09619pt on input line 27.
LaTeX Font Info: Font shape 'JY1/hmc/m/n' will be
                   scaled to size 11.09619pt on input line 27.
(Font)
LaTeX Font Info: External font 'cmex10' loaded for size
(Font)
                   <12> on input line 27.
LaTeX Font Info: External font 'cmex10' loaded for size
(Font)
                   <8> on input line 27.
LaTeX Font Info: External font 'cmex10' loaded for size
(Font)
                   <6> on input line 27.
LaTeX Font Info: Font shape 'JY1/hmc/m/n' will be
                   scaled to size 7.39746pt on input line 27.
(Font)
LaTeX Font Info: Font shape 'JY1/hmc/m/n' will be
(Font)
                   scaled to size 5.5481pt on input line 27.
LaTeX Font Info: Font shape 'JT1/hmc/m/n' will be
                   scaled to size 7.39746pt on input line 27.
(Font)
Package zwgetfdate Warning: Date of package 'hyperref' is not available on inpu
t line 27.
LaTeX Font Info: External font 'cmex10' loaded for size
(Font)
                   <5> on input line 27.
LaTeX Font Info: Font shape 'JY1/hmc/m/n' will be
(Font)
                   scaled to size 4.62341pt on input line 27.
LaTeX Font Info: Font shape 'JT1/hmc/m/n' will be
(Font) scaled to size 5.5481pt on input line 27. LaTeX Font Info: Font shape 'JT1/hgt/m/n' will be
(Font)
                   scaled to size 7.39746pt on input line 27.
LaTeX Font Info: Font shape 'JY1/hgt/m/n' will be
(Font)
                   scaled to size 7.39746pt on input line 27.
LaTeX Font Info: Font shape 'JT1/hmc/m/n' will be
(Font)
                   scaled to size 13.31541pt on input line 28.
LaTeX Font Info: Font shape 'JY1/hmc/m/n' will be
                   scaled to size 13.31541pt on input line 28.
(Font)
LaTeX Font Info: Font shape 'JT1/hgt/m/n' will be
(Font)
                   scaled to size 13.31541pt on input line 28.
LaTeX Font Info: Font shape 'JY1/hgt/m/n' will be
(Font)
                   scaled to size 13.31541pt on input line 28.
[1
Overfull \hbox (2.92287pt too wide) in paragraph at lines 31--31
      \OT1/cmtt/m/n/8 This avoid problems with classes (revtex) and packages
(ntheorem) which changes \label in an incompatible way.[]
[3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18]
[19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33]
[34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48]
[49] [50] [51] [52] [53] [54]
Overfull \hox (113.42445pt too wide) in paragraph at lines 37--37
[]\0T1/cmtt/m/n/8 This is e-upTeX, Version 3.141592653-p4.1.0-u1.29-230214-2.6
(utf8.sjis) (TeX Live 2023) (preloaded format=platex 2024.1.6) \, 22 JAN 2024 16:
07[]
 []
[55] [56] [57] [58] [59] [60] [61] [62] [63] (./hyperref06.aux)
pLaTeX2e <2023-02-14>+1, based on
```

LaTeX2e <2023-11-01>

L3 programming layer <2024-01-04>

\*\*\*\*\*\*\*

```
*File List*
               2021/01/10 v1.7k pLaTeX Kernel (Default settings)
  pldefs.ltx
   jy1mc.fd
               2018/07/03 v1.6q KANJI font defines
   jy1gt.fd
               2018/07/03 v1.6q KANJI font defines
   jt1mc.fd 2018/07/03 v1.6q KANJI font defines
   jt1gt.fd
               2018/07/03 v1.6q KANJI font defines
 kinsoku.tex
                2023/02/23 jsclasses (okumura, texjporg)
jsarticle.cls
  jslogo.sty 2019/07/25 okumura, texjporg
moreverb.sty 2008/06/03 v2.3a 'more' verbatim facilities
verbatim.sty 2023-11-06 v1.5v LaTeX2e package for verbatim enhancements
 otf.sty
keyval.sty
                2023/10/09 TeX JP org, v1.7b8 psitau, u0.30 ttk
               2022/05/29 v1.15 key=value parser (DPC)
ajmacros.sty 2019/04/01 21:00 iNOUE Koich! <inoue@ma.ns.musashi-tech.ac.jp>
zwgetfdate.sty 2008/07/14 Get File/Package Date
graphicx.sty 2021/09/16 v1.2d Enhanced LaTeX Graphics (DPC,SPQR)
graphics.sty
                2022/03/10 v1.4e Standard LaTeX Graphics (DPC,SPQR)
    trig.sty 2021/08/11 v1.11 sin cos tan (DPC)
graphics.cfg 2016/06/04 v1.11 sample graphics configuration
dvipdfmx.def 2022/09/22 v5.0m Graphics/color driver for dvipdfmx
hyperref.sty
                2024-01-20 v7.01h Hypertext links for LaTeX
   iftex.sty
                2022/02/03 v1.0f TeX engine tests
kvsetkeys.sty 2022-10-05 v1.19 Key value parser (HO)
                   2019-12-19 v1.6 Define keys (HO)
kvdefinekeys.sty
pdfescape.sty 2019/12/09 v1.15 Implements pdfTeX's escape features (HO)
ltxcmds.sty
               2023-12-04 v1.26 LaTeX kernel commands for general use (HO)
pdftexcmds.sty 2020-06-27 v0.33 Utility functions of pdfTeX for LuaTeX (HO)
infwarerr.sty 2019/12/03 v1.5 Providing info/warning/error messages (HO)
hycolor.sty 2020-01-27 v1.10 Color options for hyperref/bookmark (HO)
 auxhook.sty 2019-12-17 v1.6 Hooks for auxiliary files (HO)
nameref.sty 2023-11-26 v2.56 Cross-referencing by name of section refcount.sty 2019/12/15 v3.6 Data extraction from label references (HO)
gettitlestring.sty
                    2019/12/15 v1.6 Cleanup title references (HO)
{\tt kvoptions.sty} \qquad {\tt 2022-06-15~v3.15~Key~value~format~for~package~options~(HO)}
etoolbox.sty 2020/10/05 v2.5k e-TeX tools for LaTeX (JAW) pd1enc.def 2024-01-20 v7.01h Hyperref: PDFDocEncoding definition (H0)
 intcalc.sty 2019/12/15 v1.3 Expandable calculations with integers (HO)
   puenc.def 2024-01-20 v7.01h Hyperref: PDF Unicode definition (HO)
     url.sty 2013/09/16 ver 3.4 Verb mode for urls, etc.
bitset.sty 2019/12/09 v1.3 Handle bit-vector datatype (H0) bigintcalc.sty 2019/12/15 v1.5 Expandable calculations on big integers (H0)
atbegshi-ltx.sty 2021/01/10 v1.0c Emulation of the original atbegshi
package with kernel methods
hdvipdfm.def 2024-01-20 v7.01h Hyperref driver for dvipdfm
rerunfilecheck.sty 2022-07-10 v1.10 Rerun checks for auxiliary files (HO)
atveryend-ltx.sty 2020/08/19 v1.0a Emulation of the original atveryend packa
ge
with kernel methods
uniquecounter.sty 2019/12/15 v1.4 Provide unlimited unique counter (HO)
pxjahyper.sty 2023/03/01 v1.3
bxjatoucs.sty 2019/10/20 v0.2
pxjahyper-enc.sty 2023/03/01 v1.3
                     2023/03/01 v1.3
pxjahyper-ajm.def
                     2023/03/01 v1.3
pxjahyper-uni.def
13backend-dvipdfmx.def 2024-01-04 L3 backend support: dvipdfmx
hyperref06.out
hyperref06.out
ChangeLog.txt
hyperref06.txt
 ******
```

```
Package rerunfilecheck Info: File 'hyperref06.out' has not changed.

(rerunfilecheck) Checksum: 72B7F874F72702645A43B1C689CC44C3;281.

)

Here is how much of TeX's memory you used:

12134 strings out of 474829

184581 string characters out of 5764055

1937373 words of memory out of 5000000

34344 multiletter control sequences out of 15000+600000

599969 words of font info for 94 fonts, out of 8000000 for 9000

934 hyphenation exceptions out of 8191

72i,11n,79p,331b,1077s stack positions out of 10000i,1000n,20000p,200000b,200000s
```

Output written on hyperref06.dvi (63 pages, 177736 bytes).