

# ChangeLog for hyperref bundle

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## 2012-10-13 6.83j Heiko Oberdiek

- 6.83j
- 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.
- 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-abspace' 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
- pdlenc.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

- 6.82y
- 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 explicitly set to ‘letter’, when the file is loaded. (Thanks Daniel Halperin for bug report.)

## 2012-07-31 6.82x Heiko Oberdiek

- 6.82x
- 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 caught 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
- 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 \@menubordercolor 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

- 6.82o
- 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 afterwards. Environment eqnarray 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 6.82l Heiko Oberdiek

- 6.82l
- 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.
- `\IfHyperBooleanExists` and `\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` caught.
- 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 `hypertextnames=true, plainpages=false`.

## 2010-12-16 6.81z Heiko Oberdiek

- 6.81z
- Fix for bug #135 ‘amscs: 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
- 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

- 6.81o
- 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 6.81l Heiko Oberdiek

- 6.81l
- 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
- 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**

- 6.81c
- Fix for funny `\@alph` and `\@Alph` definitions for use in anchor names.
- `\@fnsymbol` 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.
  - \* 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.lda'. (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
- 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 6.80l Heiko Oberdiek**

- 6.80l
- 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**

- 6.80g
- 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 Puszczka  
(<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
- Options ‘pdfinfo’ and ‘pdftrapped’ added.

## 2010-01-09 Heiko Oberdiek

- `backref` 1.32:
  - \* Brazilian Portuguese added (Rog\’erio Brito).
  - \* Some language aliases added.

## 2010-01-08 6.80a Heiko Oberdiek

- 6.80a
- 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 ‘`getttitlestring`’ updated.

## 2009-12-17 6.79v Heiko Oberdiek

- 6.79v
- Fix for ‘`pdfencoding=auto`’, the code accidentally 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 6.77o 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 6.79o 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
- hxdetex: 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

- 6.79o
- 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 ‘hxdetex.def’ (based on hxdvipdfm.def).
- hxdetex.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 6.79l Heiko Oberdiek

- 6.79l
- \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).
- \@caption uses \NR@getttitle from package ‘nameref’ if available.
- nameref 2.34:  
\* Redefinition of \@caption is restricted to the case if hyperref 6.79l or later is not loaded.  
\* Use of package ‘getttitlestring’ 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
- 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.  
\* `chapters`, `parts` (Markus Kohm),  
\* unnumbered sections.  
Now the workarounds with `\phantomsection` like  
`\cleardoublepage\phantomsection\printindex`  
should not be necessary any longer.
- `nohyperref`: star from `\ref` and `\pageref` 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", accidentally 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 'dvi2pdfm'.

## 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\@firstofone from \addcontentsline.

## 2009-05-01 6.78r Heiko Oberdiek

- 6.78r
- \pdfstringdef:
  - \* Typo in definition of \new@ifnextchar fixed (Ulrike Fischer),
  - \* and \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).
- 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 6.78o 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 (\hyper@normalise).

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

- 6.78m
- The fix for fancyvrb in hyperref 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 ‘dvi2pdfm’.
- Improved anchor setting for package ‘amsthm’ (Daniel M\”ullner).

## **2008-09-29 6.78l Heiko Oberdiek**

- 6.78l
- Bookmarks: ‘--’ and ‘---’ are automatically replaced by \textendash and \textemdash 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**

- 6.78j
- 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:
  - \* 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'.
- 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
- 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
- Driver options: Algorithm for finding the driver is changed:
  - \* Code for detecting the driver is more robust  
(not confused by `\newcount\pdfoutput`, solves a problem with beamer).
  - \* 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 `\pdfcompresslevel` 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 Ignacio 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

- 6.77t
- 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 (`\string^^f4`).

## 2008-04-16 6.77p Heiko Oberdiek

- 6.77p
- Patch for missing anchor settings with amsmath (multiline) 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 (multiline) by Ross Moore.

## 2008-04-13 6.77n Heiko Oberdiek

- 6.77n
- New option ‘linktoc’ added, see README.

## 2008-04-12 6.77m Heiko Oberdiek

- 6.77m
- Surrogate support for bookmarks (utf8.def, including utf8 sequences starting with  $\sim^f4$ ).
- 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 6.77l Heiko Oberdiek

- 6.77l
- \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

- 6.77j
- 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**

- 6.77f
- Bug fix for dviwindo: misspelled \Hy@DisableOption (Philip Ratcliffe).

#### **2007-11-12 6.77e Heiko Oberdiek**

- 6.77e
- LuaTeX: Package ‘pdftexcmds’ for \pdfescapestring.
- Default producer setting recognices XeTeX and LuaTeX.

#### **2007-11-08 6.77d Heiko Oberdiek**

- 6.77d
- 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**

- 6.77b
- 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
- 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 ‘`hypertextnames=false`’. Fixed (Axel Sommerfeldt).
- Bug fix: The scope of `\HyperRaiseLinkLength` is limited to `\HyperRaiseLinkHook`.
- Bug fix: broken `\autoref` if option ‘draft’ is given.
- Bug fix: `longtable + hypertextnames=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’).
- 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.
- Some support for amsmath’s environment ‘subequations’.
- nameref 2.30: \label is supported after longtable’s \caption.

## 2007-04-25 6.76d Heiko Oberdiek

- 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: pdfborder={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.
- 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 \Greeknuneral in Bookmarks (with option unicode).
- Replacement for \greeknumeral and \Greeknuneral in anchor names.
- 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**

- 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 6.75o 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 6.75l Heiko Oberdiek

- 6.75l
- 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:  
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\*.
- 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
- Supporting both options "vietnamese" and "vietnam".

## 2006-08-15 6.75b Heiko Oberdiek

- 6.75b
- VnTeX support by Han The Thanh. New option: vietam.
- Fix for bug with varioref, introduced in 6.75a.
- 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 ( $\geq 1.11$ ).

- "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 caught, 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` didn't 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`.
- Bug fix for empty destination names of `pdfmark` based drivers.
- Documentation: option `hyperfootnotes` added.
- French texts (`\HyLang@french`) provided by Marc-Antoine Parent.
- 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: Documentation fix: `\HyperrefOverview` is undefined if `bmhydoc.sty` is not loaded.
- `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@activetrue` 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 6.74l Heiko Oberdiek

- 6.74l
- 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).
- 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
- `\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 \usedir.

## 2003-03-19 6.73r Heiko Oberdiek

- 6.73r
- \hyper@link@: \@safe@activetrue used for internal name
- backref 1.21:
  - \* Continued with inserting of \@safe@activetrue.
  - \* \backrefxxdupe added for comparison 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
- Support for babel's shorthands in `\autoref` fixed.
- Support for `\autoref` in bookmarks added.
- Option `final` added similar to `graphics.sty`, `article.cls`, ...
- `\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 6.73l Heiko Oberdiek**

- 6.73l
- 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**

- 6.73j
- 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.
- 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 \@makecaption 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**

- 6.72y
- Addition to \hyper@normalise: \\_, \textunderscore, \textasciitilde.

## **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@activetrue` inserted to bibitem commands.  
But problems with `\cite` remains (frenchb.ldb).

## 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 6.72l Heiko Oberdiek

- 6.72l
- 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 additional-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

- 6.71z
- Some `\providecommand` replaced by `\providecommand*`.
- Babel's `\@number` of file `lrbabel.def` inserts  
unexpandable tokens into the expansion of `\arabic`.  
At some places dummy for `\@number` 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. (`\literalps@out` for `dviwindo` is currently only a dummy.)

## 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
- 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 6.71l Heiko Oberdiek

- 6.71l
- 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,
  - \* pdfTeX 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.
- 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 `\AtBeginDocument` 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 dimensions 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

- 6.71c
- Bug fix, introduced in 6.71b.

## 2001-02-20 6.71b Heiko Oberdiek

- 6.71b
- Fixes by Markus Kohm:
  - \* Applying the `\@addchap` hack for `scrreprt`.
  - \* Disabling the `\@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 erroneous 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
- Next typo fixed (option `american`).

## 2000-09-22 6.70w Heiko Oberdiek

- 6.70w
- `\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 `\@hyperfixhead` 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
- 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
- URLs, broken by `bibTeX`, work now:  
`\url{%  
 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 `\@capttype` is defined.

## 2000-08-30 6.70r Heiko Oberdiek

- 6.70r
- 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**

- 6.70p
- `\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**

- 6.70o
- Test files `testbm{oe,sc,zc,yi,l}.tex` merged to `testbma.tex`.
- Added correct `\@hyper@launch` for `hvtex.def` (Alex Kostin).

### **2000-07-03 6.70n Heiko Oberdiek**

- 6.70n
- Default for `\Hy@pageheight` changed from A4 to setting via `\hypercaltcbp` and `\paperheight`.

### **2000-07-02 6.70m Heiko Oberdiek**

- 6.70m
- Feature added: `\hypercaltcbp` (see `hyperref.dtx`).

### **2000-07-02 6.70l Heiko Oberdiek**

- 6.70l
- Bugfix in `onopen` of 6.70k undone. 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
- 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

- 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 hypertext specials is utilised.
- Update of hvtx.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.OMG: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 footnotes 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 (\pdfbookmarkstring, htex4ht.cfg).
- All files of hyperref.dtx now identify themselves by \Provides{File,Package}.
- Start with nohyperref.sty (SR), toc-level additions 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 Lehmkne <Stephan.Lehmkne@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 (`\@save@activetrue` in `\hyper@normalise`).

## 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`.
- `\ifthenelse`: `\ref` and `\pageref` use the `\hyperget...` variants.
- `\hyper@chars` added in `\hyper@anchor` of drivers  
`hypertext`, `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>).
- 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
- 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.
- hvtx.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.
- 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}".
- 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).
- INSTALLEDIRVAR added to makefile (default: 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 6.66l Heiko Oberdiek

- 6.66l
- `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,  
`\guill@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`:  
\* `\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
- `\index{test|{}` supported.

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

- 6.66f
- `options.tex` with `bookmarkstype`
- Bug in `\autoref` fixed: chapter/appendix detection
- `\` and `\newline` produces a warning in `\pdfstringdef`
- `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 `\ref` and `\pageref` 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 `\lastskip` value is destroyed by the specials that set the anchor.  
Fix: Saving the `\lastskip` value before the specials, and after setting `\nobreak\{h,v}skip-\lastskip\{h,v}skip\lastskip`.  
See `\Hy@SaveLastskip` - `\Hy@RestoreLastskip`.  
(most drivers: `\hyper@anchor`, `\hyper@anchorstart` - `\hyper@anchorend`;  
pdfTeX: `\new@pdfink`; dvipdfm: `\@pdfm@dest`)
- `\CYRCHDSC` and `\cyrchdsc` corrected to `\CYRCHRDSC` and `\cyrchrdsc`  
(Thanks to Vladimir Volovich <vvv@vvv.vsu.ru>)
- Bug fixed: `\HAR@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.
- \@protected@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 \@pdfpagetransition 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
- 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@driver` 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{macro}{\HyPsd@ITALCORR}`.
  - \* 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 indenting (length 2) and checking the line length.

## 1999-06-08 Sebastian Rahtz

- hyperref.dtx. make "subfigure" force `hypertextnames=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
- 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@files` (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@files` code (from Heiko)
- Proper dummy initialisation of `\pdfbookmark`
- Correct serious error over detecting whether seminar is being used (added new test, and defined `\ifhy@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\ifPDFbookmark ==> \newif\ifHy@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](mailto: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 caught by this version: a comprehensive warning message is produced and the tokens are removed.
- `xspace` support.
- 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](mailto:Felix.Neubauer@gmx.net)>
- Fixes for seminar (Denis Girou <[denis.girou@idris.fr](mailto: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 `\pdfpagestr` 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 new 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 numbers
  - 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 HTML
- 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 \OpMode

## 1998-06-13 Sebastian Rahtz

- hyperref.dtx: merge in material from MicroPress to provide support for VTEX's two new modes of operation, PDF and HTML. Drivers hvtext and hvtexthtml.



## 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.mpa.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
- 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
- hyperref.dtx: patches from Piotr Krysiuk <pkrysiuk@mimuw.edu.pl> to make it run under LaTeX 209 compatibility mode

### 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
- 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

### 1998-02-23 6.13 Sebastian Rahtz

- RELEASE 6.13  
\* changes to \item had totally wrecked natbib :-}
- added keys for PDF creator and producer
- re-fix \@footnotemark in \maketitle
- reverse parameters of \htmladdnormallink

## 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 \@makefnmark instead of \@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. riple@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 incompatibility with ps2pdf

## 1997-11-24 6.7 Sebastian Rahtz

- RELEASE 6.7
- started hyperref ChangeLog. cleanup of copyright for Debian inclusion