

# ChangeLog for hyperref bundle

Heiko Oberdiek, Sebastian Rathz

## 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`.
- `\setbookmarksdepth`: 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@activestruelimited` 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 2.10`: `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 hyccheck.tex are put outside the scope of \usedir.

## 2003-03-19 6.73r Heiko Oberdiek

- 6.73r
- \hyper@link@: \@safe@activestrue used for internal name
- backref 1.21:
  - \* Continued with inserting of \@safe@activestrue.
  - \* \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 "hypertext" 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.ldf`).

## 2002-05-27 6.72r Heiko Oberdiek

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

## 2002-05-10 6.72q Heiko Oberdiek

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

## 2002-05-09 6.72p Heiko Oberdiek

- 6.72p
- Option '`pdfusetitle`' now correctly disabled.

## 2002-04-20 6.72o Heiko Oberdiek

- 6.72o
- Bug fix of 6.72n is wrong:  
Octal escape sequences (`\000`) are not detected by the method  
with `\meaning`. Now another method, based on `\dospecials`, is  
used to protect active characters while reading the `.out` file.

## 2002-04-19 6.72n Heiko Oberdiek

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

## 2002-04-15 6.72m Heiko Oberdiek

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

## 2002-04-12 6.72l 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 `\@dabaseurl` 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
- `\@beginndvi` changed:
  - \* `\Hy@beginndvi` for `hyperref` stuff in `\@beginndvi` 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 Lehmkke).
- 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 '\bibtex'.
- 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
- hvtxhtm 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 H0.
- 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 Lehmknecht <Stephan.Lehmknecht@cs.uni-dortmund.de>).
- hvtx.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  
`hypertex`, `vtexhtml`, and `vtex`.
- Forms: `checkboxsymbol` introduced (Michael Wiedmann  
<michael.wiedmann@detewe.de>).
- Redefinitions in `\appendix` are made globally  
(Tim J Harding <Tim.Harding@quadstone.com>).
- 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 (hpdtex.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).
- INSTALLDIRVAR 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@pdflink; 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@filesw (Heiko spotted), and removed the <repere> section

## 1999-04-12 6.55 Sebastian Rahtz

- RELEASE 6.55
- hyperref.dtx: when the run: type of URL is used, a \relax creeps into the output with pdfmark drivers. corrected.
- Add some missing \if@filesw code (from Heiko)
- Proper dummy initialisation of \pdfbookmark
- Correct serious error over detecting whether seminar is being used (added new test, and defined \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).
- 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>
- Fixes for seminar (Denis Girou <denis.girou@idris.fr>)

## 1999-03-12 6.51 Sebastian Rahtz

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

## 1999-02-21 Sebastian Rahtz

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

## 1999-02-17 Sebastian Rahtz

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

### 1999-02-16 6.50 Sebastian Rahtz

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

### 1999-02-14 6.49 Sebastian Rahtz

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

### 1999-02-06 6.48 Sebastian Rahtz

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

### 1999-02-01 6.47 Sebastian Rahtz

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

### 1999-01-27 6.46 Sebastian Rahtz

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

### 1999-01-20 Sebastian Rahtz

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

### 1998-12-17 6.45 Sebastian Rahtz

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

### 1998-12-07 6.44 Sebastian Rahtz

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

## 1998-12-01 6.43 Sebastian Rahtz

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

## 1998-11-27 Sebastian Rahtz

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

## 1998-11-11 6.42 Sebastian Rahtz

- RELEASE 6.42
- hyperref.dtx: replaced bookmark and docinfo writing with new code from Heiko Oberdiek which seems to do a better job
- Support for lastpage package.

## 1998-11-03 6.41 Sebastian Rahtz

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

## 1998-11-01 6.40 Sebastian Rahtz

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

## 1998-10-30 6.39 Sebastian Rahtz

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

## 1998-10-23 6.38 Sebastian Rahtz

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

## 1998-10-17 6.37 Sebastian Rahtz

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

## 1998-10-06 Sebastian Rahtz

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

## 1998-09-24 6.36 Sebastian Rahtz

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

## 1998-09-22 Sebastian Rahtz

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

## 1998-09-12 Sebastian Rahtz

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

## 1998-09-07 6.35 Sebastian Rahtz

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

## 1998-09-04 Sebastian Rahtz

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

## 1998-09-03 Sebastian Rahtz

- hyperref.dtx:
  - a) added new option linktocpage to make TOC have links on page 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` don't 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 `hvtex` and `hvtexhtml`.

## 1998-06-12 6.26 Sebastian Rahtz

- (private) RELEASE 6.26  
addition from DPC to provide better support for encoding in  
.out files (must use inputenc)
- (private) RELEASE 6.25
- hyperref.dtx:  
removed quotes from names in dviwindo (DP Story)  
comma after file destination in dviwindo (DP Story)  
rejig parsing of file: to cope with ../foo/bar, at the  
cost of files having to be at least two characters long. ../..  
doesn't work either :-}

## 1998-06-05 6.24 Sebastian Rahtz

- (private) RELEASE 6.24
- hyperref.dtx: unset \@tempa at start of ProcessKVOptions (David Carlisle)
- hyperref.dtx: pdftex base url syntax wrong; and if baseurl  
provided, need to strip file: from URL (corrections by  
daly@linpwd.mpa.gwdg.de (P.W.Daly, MP Ae, 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. ripley@stats.ox.ac.uk (Prof Brian Ripley) found several things which forced me to do \*something\* (ie a \cite inside a \caption gave the destination of the cite to the caption)
- Daniel T. Cobra <cobra@gyron.acate.com.br> gave me a new incompatibility with ps2pdf

## 1997-11-24 6.7 Sebastian Rahtz

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