Abstract

This package adds hyper features to the package doc that is used in the documentation system of \LaTeXe. Bookmarks are added and references are linked as far as possible.

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1 Features

The package adds the following features:

**Bookmarks:** For supporting bookmarks package hyperref is loaded. Some \TeX code inside section titles can cause problems during bookmark processing; these can be warnings, ugly bookmark titles or even errors. With the help of `\pdfstringdefDisableCommands` or `\texorpdfstring` you can manage these things, see hyperref’s package documentation.

**Additional bookmarks:** Unnumbered bookmark entries are generated for:

- Table of contents
- List of figures
- List of tables
- Index
- Glossary

Option `numbered` controls, whether these section or chapters should be numbered. The exception is the table of contents if this it would be the first numbered section. Then just a bookmark is added.

**Metadata:** The loaded package hyperref, enforced by option `pdfusetitle`, tries to detect `\title` and `\author` and sets the corresponding PDF information fields. In case of problems see the previous item about bookmarks. These entries can be overwritten or new ones added by `\hypersetup` after the packages is loaded, see documentation of package hyperref.

**References, links:** Because of package \hyperref `\ref` become links, also `\url`, footnote referencing are supported.

**Index:** The main part of this package deals with index links in order to support the kind of index that package doc provides.

**Thumbnails:** Package `thumbpdf` is loaded for the case that the PDF file also should contain thumbnails, see the documentation of this package. But thumbnail embedding is not really necessary, because nowadays AcrobatReader is able to generate and view thumbnails on the fly.
2 Usage

The purpose of this packages is to add PDF features to the documentation of LaTeX packages. Thus just load the package in the driver file that generates the documentation:

\usepackage{hypdoc}

Package doc is loaded by hypdoc, thus you also can replace a \usepackage{doc} with this line. At any case, the package must be loaded before macros of package doc such as \CodelineIndex or \PageIndex are used.

If the class ltxdoc is used, you can also use the configuration file for this class to add package hypdoc. Add the following line to the file ltxdoc.cfg (or create a new one):

\AtEndOfClass{\RequirePackage{hypdoc}}

2.1 Options

There is one option numbered. It controls, whether the starred versions of section or chapter inside \tableofcontents, \listoffigures, ...should be replaced by the non-star versions.

2.2 Simple example

Example of a simple driver file foobar.drv of a package foobar. Often the driver file is packed in the file foobar.dtx and can be extracted by docstrip or if an instruction file for docstrip is provided by:

tex foobar.ins

Note that although docstrip doesn’t rely on \LaTeX, sometimes you need to run the .ins file through \LaTeX. Oddly enough, often the only \LaTeX feature in use is \NeedsTeXFormat{LaTeX2e} in the first line.

\documentclass{ltxdoc}
\usepackage{hypdoc}
\RecordChanges
\EnableCrossrefs
\CodelineIndex
\begin{document}
\title{Title for package \texttt{foobar}}
\author{Author of package \texttt{foobar}}
\date{...}
\maketitle
\tableofcontents
\DocInput{foobar.dtx}
\PrintChanges
\PrintIndex
\end{document}

Then compile it, for example with pdf\LaTeX.

pdflatex foobar.drv
makeindex -s gind.ist foobar.idx
makeindex -s gglo.ist -o foobar.gls foobar.glo
pdflatex foobar.drv

You will need several cycles until the cross references and similar things are correct.
2.3 Example source2e.tex

The source code of the base of \LaTeX is available as a bunch of .dtx files. \LaTeX provides the file source2e.tex to merge them all together.

Now you can either load package hypdoc in a private copy of this file (please, respect the LPPL) or use the configuration file ltxdoc.cfg. Example that also sets A4 paper size:

\PassOptionsToClass{a4paper}{article}
\AtEndOfClass{\RequirePackage{hypdoc}}

Then source2e.tex can be compiled by pdf\LaTeX, for example:

pdflatex source2e
makeindex -s gind.ist source2e.idx
makeindex -s gglo.ist -o source2e.glo source2e.gls
pdflatex source2e
makeindex -s gind.ist source2e.idx
makeindex -s gglo.ist -o source2e.glo source2e.gls
pdflatex source2e

3 Implementation

The package identification is done at the top of the .dtx file in order to use only one identification string.

For unique command names this package uses HD@ as prefix

3.1 Options

\ifHD@numbered
\newif\ifHD@numbered
\DeclareOption{numbered}{\HD@numberedtrue}
\ProcessOptions*elax
\fi

3.2 Package loading

\RequirePackage{atveryend}[2010/03/24]
\RequirePackage{doc}
\ifx\numexpr\@undefined\undefined
\RequirePackage{calc}%
\fi
\RequirePackage[%
hyperindex=false,%
pdfusetitle,%
colorlinks,%
pdfpagelabels%
]\hyperref[2002/05/09]%
\hypersetup{%
plainpages=false,%
bookmarksopen,%
bookmarksopenlevel=0,%
pdfstartview={FitBH \hypercalcbp{%
paperheight-\topmargin-1in-\headheight-\headsep%
}},%}
\RequirePackage{thumbpdf}
\newcounter{HD@unique}
\renewcommand{\theHD@unique}{\number\value{HD@unique}}
\g@addto@macro\Hy@UseMaketitleInfos{%
  \ifx\@pdfsubject\@empty
    \hypersetup{pdfsubject={\fileinfo}}
  \fi
}%
\pdfstringdefDisableCommands{%
  \let\thanks\@gobble
  \let\footnote\@gobble
  \def\cs#1{\textbackslash #1}
  \let\normalfont\@empty
  \let\scshape\@empty
  \def\and{\and }
}\
\begingroup\expandafter\expandafter\expandafter\endgroup
\expandafter\ifx\csname mod@math@codes\endcsname\relax
  \else
    \def\HD@ModFix#1{\mathcode`#1=`#1\relax}
    \g@addto@macro\mod@math@codes{%
      \HD@ModFix\-%
      \HD@ModFix\+%
      \HD@ModFix\:%
      \HD@ModFix\=%
      \HD@ModFix\*%
    }%
  \fi
\endgroup
3.2.1 Patch for bug latex/4096
\begingroup\expandafter\expandafter\expandafter\endgroup
\expandafter\ifx\csname mod@math@codes\endcsname\relax
  \else
    \def\HD@ModFix#1{\mathcode`#1=`#1\relax}
    \g@addto@macro\mod@math@codes{%
      \HD@ModFix\-%
      \HD@ModFix\+%
      \HD@ModFix\:%
      \HD@ModFix\=%
      \HD@ModFix\*%
    }%
  \fi
\endgroup
3.3 Bookmarks
\begingroup\expandafter\expandafter\expandafter\endgroup
\def\HD@sectionpatch{%
  \ifHD@numbered
    \HD@@sectionpatch{section}%
    \HD@@sectionpatch{chapter}%
  \else
    \let\Hy@writebookmark\HD@disable@writebookmark
  \fi
}\endgroup
\def\HD@disable@writebookmark#1#2#3#4#5{}
A wild guessing of the toclevel. There is the hope, that the macro \texttt{#1} starts with a sectioning command.

\begin{verbatim}
def\HD@guesstoclevel#1{%
\expandafter\HD@@guesstoclevel#1\section\HD@end
}
\end{verbatim}

As first section the table of contents shouldn’t go into the toc itself. Also a number looks too funny then. Just a bookmark is enough in this case.

\begin{verbatim}
def\tableofcontents{%
\begingroup
@ifundefined{c@section}{\def\c@section{0}}{}
\expandafter\endgroup\ifcase\c@section
\stepcounter{HD@unique}%
\pdfbookmark[\HD@guesstoclevel{\HDorg@tableofcontents}]{\contentsname}{toc\theHD@unique}%
\HDorg@tableofcontents
\else
@ifHD@numbered
\else
\stepcounter{HD@unique}%
\pdfbookmark[\HD@guesstoclevel{\HDorg@tableofcontents}]{\contentsname}{toc\theHD@unique}%
\fi
\fi
\begingroup
 HD@sectionpatch
 HDorg@tableofcontents
\endgroup
\fi
}
\end{verbatim}

As first section the list of figures shouldn’t go into the toc itself. Also a number looks too funny then. Just a bookmark is enough in this case.

\begin{verbatim}
def\listoffigures{%
\ifHD@numbered
\else
\stepcounter{HD@unique}%
\pdfbookmark[\HD@guesstoclevel{\HDorg@listoffigures}]{\contentsname}{toc\theHD@unique}%
\fi
\begingroup
 HD@sectionpatch
 HDorg@listoffigures
\endgroup
\fi
}
\end{verbatim}
3.6 \listoftables
\HDorg@listoftables
\listoftables
def\listoftables{%
  ifHD@numbered
else
    stepcounter{HD@unique}%
    \pdfbookmark[\HD@guesstoclevel{\HDorg@listoftables}]{\contentsname}{toc\theHD@unique}%
fi
begingroup
\HD@sectionpatch\HDorg@listoftables
endgroup
\listoftables
}

3.7 \thebibliography
\HDorg@thebibliography
\thebibliography
def\thebibliography{%
  ifHD@numbered
else
    stepcounter{HD@unique}%
    \pdfbookmark[\HD@guesstoclevel{\HDorg@thebibliography}]{\ifundefined{chapter}{\refname}{\bibname}]{bib\theHD@unique}%
fi
\HD@sectionpatch\HDorg@thebibliography
}}

3.8 \theindex
\HDorg@theindex
\theindex
def\theindex{%
  let\HDorg@index@prologue\index@prologue
\let\HDorg@writebookmark\Hy@writebookmark
\HD@sectionpatch
\g@addto@macro\IndexParms{%
  ifHD@numbered
else
    \let\Hy@writebookmark\HDorg@writebookmark
fi
\let\bfseries\HD@bfseries
\edef\HD@toclevel@index{\HD@guesstoclevel{\index@prologue}}%
\begingroup
\count@=\HD@toclevel@index
7
\advance\count@ by 1 \\
\def\HD@toclevel@subindex{\the\count@}
\endgroup
\def\index@prologue{
\if\HD@numbered
\begin{group}
\stepcounter{\HD@unique}
\let\Hy@writebookmark=\HDorg@writebookmark
\pdfbookmark[\HD@toclevel@index]{\indexname}{index\the\HD@unique}
\end{group}
\else
\fi
\HDorg@index@prologue
}
\HDorg@theindex

\HDorg@bfseries
\let\HDorg@bfseries=\bfseries
\HD@bfseries
\def\HD@bfseries{\futurelet\HD@hfil\HD@@bfseries}
\HD@@bfseries
\def\HD@@bfseries\hfil#1\hfil{\ifx\HD@hfil\hfil\expandafter\HD@@@bfseries\fi\hfil#1\hfil}
\def\HD@@@bfseries\hfil#1\hfil{\ifx\\#1\%
\else
\raisebox{\baselineskip}[0pt]{\kern-\HD@margin\relax
\pdfbookmark[\HD@toclevel@subindex]{#1}{HD.#1}\kern\HD@margin\relax
}\fi
}
\def\HD@margin{1mm}

3.9 \theglossary
\theglossary
\def\theglossary{
\let\HDorg@glossary@prologue=\glossary@prologue
\let\HDorg@writebookmark=\Hy@writebookmark
\HD@sectionpatch
\def\glossary@prologue{
\if\HD@numbered
\else
\fi
\HDorg@glossary@prologue
}
\glossaryname
\providecommand*{\glossaryname}{Change History}

3.10 Index
\HD@helplength
\ifHD@savedest
\newif\ifHD@savedest\HD@savedesttrue
\AtBeginDocument{%
\HD@savedest@init
}
\RequirePackage{rerunfilecheck}[2009/12/10]
\HD@savedest@init
\begingroup
\catcode`\^^M=\active
\@firstofone{
\def\HD@savedest@init{%
\ifHD@savedest
\let\HDorg@tilde~%
\let\~\HD@savedest@entry
\edef\HDorg@catcodeM{\the\catcode`\^^M}%
\catcode`\^^M=\active
\def\M{}%
\InputIfFileExists{\jobname.hd}{}{}%
\let\~\HDorg@tilde
\catcode`\^^M=\HDorg@catcodeM\relax
\newwrite\HD@savedest@out
\RerunFileCheck{\jobname.hd}{%}
\immediate\closeout\HD@savedest@out
}
\else
\let\HD@savedest@add\@gobble
\fi
}
\HD@savedest@entry
\def\HD@savedest@entry#1\^^M{%
\@namedef{HD.#1}{}%
\def\M{}%
\InputIfFileExists{\jobname.hd}{}{}%
\let\~\HDorg@tilde
\catcode`\^^M=\HDorg@catcodeM\relax
\newwrite\HD@savedest@out
\RerunFileCheck{\jobname.hd}{}%
\immediate\closeout\HD@savedest@out
}
\else
\let\HD@savedest@add\@gobble
\fi
}
\endgroup

\def\HD@savedest@add{\immediate\write\HD@savedest@out{\string~#1}}
\ifHD@targetraise\newif\ifHD@targetraise\HD@targetraisetrue\HD@target{\ifHD@targetraise\ifhmode\settoheight{\HD@helplength}{[H]}\addtolength{\HD@helplength}{0.4ex}\raisebox{\HD@helplength}[0pt][0pt]{\HD@maketarget}\else\HD@maketarget\fi\else\HD@maketarget\fi}
\def\HD@maketarget{\stepcounter{HD@hypercount}\def\HD@next{\llap{\hypertarget{HD.\the\c@HD@hypercount}{}\,}}\ifHD@savedest\expandafter\ifx\csname HD.\the\c@HD@hypercount\endcsname\@empty\else\let\HD@next\relax\fi\HD@next\fi}
\g@addto@macro\CodelineIndex{\let\special@index\HD@codeline@wrindex}
\g@addto@macro\PageIndex{\let\special@index\HD@page@wrindex}
\def\HD@codeline@wrindex#1{\begingroup\let\HDorg@encapchar\encapchar\def\encapchar##1\encapchar##2\@nil{\HDorg@encapcharhdclindex{\the\c@HD@hypercount}{##1}}\codeline@wrindex{#1\encapchar\encapchar\@nil}}
\g@addto@macro\CodelineIndex{\let\special@index\HD@codeline@wrindex}
\g@addto@macro\PageIndex{\let\special@index\HD@page@wrindex}
\begin{document}

\section{Introduction}

In this section, we introduce the main concepts and ideas that will be developed throughout the document. This section sets the stage for the subsequent sections.

\subsection{Concept 1}

Concept 1 is a fundamental idea that underpins much of the work presented in this document. It is essential to understand Concept 1 before proceeding further.

\subsection{Concept 2}

Concept 2 builds upon Concept 1 and introduces new ideas that expand upon the initial framework.

\section{Methodology}

The methodology employed in this work is based on a combination of theoretical and empirical approaches. This section details the specific methods used in the research.

\subsection{Methodology A}

Methodology A is the primary approach used in this study. It involves the following steps:

\begin{itemize}
  \item Step 1
  \item Step 2
  \item Step 3
\end{itemize}

\subsection{Methodology B}

Methodology B complements Methodology A and provides additional insights into the research question.

\section{Results}

The results section presents the findings of the research. These results are based on the data collected and analyzed using the methodologies described in the previous section.

\subsection{Result 1}

Result 1 demonstrates a significant finding that supports the hypothesis discussed in the introduction.

\subsection{Result 2}

Result 2 further substantiates the conclusions drawn from the data analysis.

\section{Discussion}

The discussion section delves deeper into the implications of the results and how they fit into the broader context of the field.

\subsection{Implications of Result 1}

The implications of Result 1 are far-reaching and have important implications for future research.

\subsection{Implications of Result 2}

The implications of Result 2 suggest new directions for future investigation.

\section{Conclusion}

In conclusion, the research presented in this document has shown that...

\section{References}

This section lists the sources and resources used in the research. It serves as a guide for readers interested in exploring the topics further.

\bibitem{Reference1}

Reference 1 provides foundational knowledge that is essential for understanding the concepts discussed in this document.

\bibitem{Reference2}

Reference 2 offers additional perspectives on the topic and expands on some of the ideas presented.

\bibitem{Reference3}

Reference 3 offers further reading and is recommended for those interested in delving deeper into the subject.

\end{document}
3.11 \PrintDescribeMacro

\HDorg@PrintDescribeMacro

\PrintDescribeMacro

\renewcommand\PrintDescribeMacro[1]{%
  \begingroup
  \let\HDorg@MacroFont\MacroFont
  \def\MacroFont{%  
    \HD@target
    \HDorg@MacroFont
  }%
  \HDorg@PrintDescribeMacro{#1}%
  \endgroup
}

3.12 \PrintMacroName

\HDorg@PrintMacroName

\PrintMacroName

\renewcommand\PrintMacroName[1]{%
  \begingroup
  \let\HDorg@MacroFont\MacroFont
  \def\MacroFont{%  
    \HD@target
    \HDorg@MacroFont
  }%
  \HDorg@PrintMacroName{#1}%  
  \endgroup
}
3.13 \texttt{\theCodelineNo}

\let\HDorg@theCodelineNo\theCodelineNo

\begin{verbatim}
350 \let\HDorg@theCodelineNo\theCodelineNo
\theCodelineNo
351 \renewcommand*{\theCodelineNo}[1]{
352 \settowidth{\HD@helplength}{\HDorg@theCodelineNo}\ }
353 \ifdim\HD@helplength<\MacroIndent
354 \addtolength{\HD@helplength}{-\MacroIndent}\%
355 \llap{\%
356 \begingroup\HD@target\endgroup
357 \hspace*(-\HD@helplength)\%
358 )\%
359 \else
360 \\HD@target
361 \fi
362 \HDorg@theCodelineNo
363 }
\end{verbatim}

\HDorg@index

\AtBeginDocument{%
\let\HDorg@index\index
%
}

3.14 \texttt{\SpecialUsageIndex}

\let\HDorg@SpecialUsageIndex\SpecialUsageIndex

\begin{verbatim}
364 \AtBeginDocument{%
365 \let\HDorg@index\index
366 }
\end{verbatim}

\HDorg@SpecialUsageIndex

3.15 \texttt{\autoindex}

\begin{verbatim}
371 \HD@target
372 \let\index\HDorg@index
373 \let\HDorg@encapchar\encapchar
374 \edef\encapchar usage{%
375 \HDorg@encapchar hdclindex{\the\c@HD@hypercount}{usage}%
376 )%
377 \HDorg@SpecialUsageIndex[#1]%
378 \endgroup
379 \@esphack
380 }
\end{verbatim}

\begin{verbatim}
382 \expandafter\ifx\csname autoindex\endcsname\relax
383 \else
\end{verbatim}

\autoindex

\begin{verbatim}
385 \renewcommand*{\autoindex}[1]{%
386 \@bsphack
387 \begingroup
388 \HD@target
389 \let\index\HDorg@index
390 \let\HDorg@encapchar\encapchar
391 \edef\encapchar usage{%
392 \HDorg@encapchar hdclindex{\the\c@HD@hypercount}{usage}%
393 )%
\end{verbatim}
3.16 \SpecialEnvIndex
\SpecialEnvIndex
\let\SpecialEnvIndex\SpecialEnvIndex
\SpecialEnvIndex
\renewcommand*{\SpecialEnvIndex}[1]{% 
  \@bsphack 
  \begingroup 
  \HD@target 
  \let\encapchar\encapchar 
  \edef\encapchar usage{\the\c@HD@hypercount}{usage}% 
  }% 
  \HDorg@SpecialEnvIndex{#1}% 
  \endgroup 
  \@esphack }

3.17 \SortIndex
\SortIndex
\let\SortIndex\SortIndex
\renewcommand*{\SortIndex}[2]{% 
  \@bsphack 
  \begingroup 
  \let\index\HD@page@wrindex 
  \HDorg@SortIndex{#1}{#2}% 
  \endgroup 
  \@esphack }

3.18 \@wrglossary
\@wrglossary
\let\wrglossary\@wrglossary
\def\@wrglossary#1{% 
  \let\encapchar\encapchar 
  \def\encapchar##1\encapchar##2\@nil{\HDorg@encapchar hdpindex{##1}% 
  }% 
  \HDorg@wrglossary{#1\encapchar\encapchar\@nil}% 
}

3.19 \MacroIndent
\MacroIndent automatically calculated.
\AfterLastShipout{% 
  \if@filesw 
  \endgroup 
}
4 Installation

4.1 Download

Package. This package is available on CTAN:\(^1\):


Bundle. All the packages of the bundle ‘oberdiek’ are also available in a TDS compliant ZIP archive. There the packages are already unpacked and the documentation files are generated. The files and directories obey the TDS standard.

CTAN:install/macros/latex/contrib/oberdiek.tds.zip

TDS refers to the standard “A Directory Structure for \TeX{} Files” (CTAN:tds/tds.pdf). Directories with \texttt{texmf} in their name are usually organized this way.

4.2 Bundle installation

Unpacking. Unpack the \texttt{oberdiek.tds.zip} in the TDS tree (also known as \texttt{texmf} tree) of your choice. Example (linux):

```
unzip oberdiek.tds.zip -d ~/texmf
```

Script installation. Check the directory TDS:scripts/oberdiek/ for scripts that need further installation steps. Package \texttt{attachfile2} comes with the Perl script \texttt{pdfatfi.pl} that should be installed in such a way that it can be called as \texttt{pdfatfi}. Example (linux):

```
chmod +x scripts/oberdiek/pdfatfi.pl
cp scripts/oberdiek/pdfatfi.pl /usr/local/bin/
```

4.3 Package installation

Unpacking. The .dtx file is a self-extracting docstrip archive. The files are extracted by running the .dtx through plain \TeX{}:

```
tex hypdoc.dtx
```

\(^1\)ftp://ftp.ctan.org/tex-archive/
Now the different files must be moved into the different directories in your installation TDS tree (also known as \texttt{texmf} tree):

```
hypdoc.sty → tex/latex/oberdiek/hypdoc.sty
hypdoc.pdf → doc/latex/oberdiek/hypdoc.pdf
hypdoc.dtx → source/latex/oberdiek/hypdoc.dtx
```

If you have a \texttt{docstrip.cfg} that configures and enables \texttt{docstrip}'s TDS installing feature, then some files can already be in the right place, see the documentation of \texttt{docstrip}.

### 4.4 Refresh file name databases

If your \TeX{} distribution (\TeX{}, \mikTeX{}, ...) relies on file name databases, you must refresh these. For example, \TeX{} users run \texttt{texhash} or \texttt{mktexlsr}.

### 4.5 Some details for the interested

**Attached source.** The PDF documentation on CTAN also includes the \texttt{.dtx} source file. It can be extracted by AcrobatReader 6 or higher. Another option is \texttt{pdftk}, e.g. unpack the file into the current directory:

```
pdftk hypdoc.pdf unpack_files output .
```

**Unpacking with \LaTeX{}.** The \texttt{.dtx} chooses its action depending on the format:

- **\plain\TeX{}**: Run \texttt{docstrip} and extract the files.
- **\LaTeX{}**: Generate the documentation.

If you insist on using \LaTeX{} for \texttt{docstrip} (really, \texttt{docstrip} does not need \LaTeX{}), then inform the autodetect routine about your intention:

```
latex \let\install=y\input{hypdoc.dtx}
```

Do not forget to quote the argument according to the demands of your shell.

**Generating the documentation.** You can use both the \texttt{.dtx} or the \texttt{.drv} to generate the documentation. The process can be configured by the configuration file \texttt{ltxdoc.cfg}. For instance, put this line into this file, if you want to have A4 as paper format:

```
\PassOptionsToClass{a4paper}{article}
```

An example follows how to generate the documentation with \texttt{pdflatex}:

```
pdflatex hypdoc.dtx
makeindex -s gind.ist hypdoc.idx
pdflatex hypdoc.dtx
makeindex -s gind.ist hypdoc.idx
pdflatex hypdoc.dtx
```

### 5 Catalogue

The following XML file can be used as source for the \TeX{} Catalogue. The elements \texttt{caption} and \texttt{description} are imported from the original XML file from the Catalogue. The name of the XML file in the Catalogue is \texttt{hypdoc.xml}.

```
<catalogue>
<?xml version='1.0' encoding='us-ascii'?>
<!DOCTYPE entry SYSTEM 'catalogue.dtd'>
<entry datestamp='$Date$' modifier='$Author$' id='hypdoc'>
  <name>hypdoc</name>
</entry>
```

An example follows how to generate the documentation with \texttt{pdflatex}:

```
pdflatex hypdoc.dtx
makeindex -s gind.ist hypdoc.idx
pdflatex hypdoc.dtx
makeindex -s gind.ist hypdoc.idx
pdflatex hypdoc.dtx
```

```
6 History

[2002/05/10 v1.0]

• First standalone version.

[2006/02/20 v1.1]

• Option numbered added.
• \HD@savedest@init fixed (empty .hd file triggered first page with fl
ligature).
• Bookmarks for \listoffigures and \listoftables.
• Documentation: features and usage added.
• LPPL 1.3.

[2006/04/27 v1.2]

• \HD@target fixed (multicol.dtx).

[2006/06/01 v1.3]

• Support for package amsdtx's \autoindex added.

[2006/06/02 v1.4]

• Bookmark fixed if there are several table of contents, bibliographies,
glossaries, ...

[2007/04/11 v1.5]

• Line ends sanitized.
[2007/11/12 v1.6]
- Bug fix in \listoffigures (Axel Sommerfeldt).
- Markup added in implementation section.

[2009/12/10 v1.7]
- Use of package rerunfilecheck.

[2010/02/03 v1.8]
- Fix for bug latex/4096 added.

[2010/03/26 v1.9]
- Definition of \HD@SetMacroIndex is provided in the .aux file.

[2011/05/05 v1.10]
- \raisebox in \HD@target with height and depth of 0pt (request of GL).

[2011/08/19 v1.11]
- Latest comma in option list for hyperref removed to avoid option clash because of \TeX 2011/06/27 with the new \in@.

## 7 Index

Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; plain numbers refer to the code lines where the entry is used.

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