

The hypdoc package

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Abstract

This package adds hyper features to the package `doc` that is used in the documentation system of L^AT_EX 2_ε. Bookmarks are added and references are linked as far as possible.

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*Please report any issues at <https://github.com/ho-tex/hypdoc/issues>

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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 enries 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` may additionally be 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 L^AT_EX, sometimes you need to run the `.ins` file through L^AT_EX. Oddly enough, often the only L^AT_EX 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 `pdfLATEX`.

```

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 L^AT_EX is available as a bunch of .dtx files. L^AT_EX 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 pdfT_EX, 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

```

1 (*package)
2 \NeedsTeXFormat{LaTeX2e}
3 \ProvidesPackage{hypdoc}%
4 [2021-11-15 v1.15 Hyper extensions for doc.sty (HO)]%

```

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

5 \newif\ifHD@numbered

6 \DeclareOption{numbered}{\HD@numberedtrue}
7 \ProcessOptions*\relax

```

3.2 Package loading

```

8 \RequirePackage{atveryend}[2010/03/24]
9 \RequirePackage{doc}

10 \ifx\numexpr\@undefined
11 \RequirePackage{calc}%
12 \fi

13 \RequirePackage[%
14 hyperindex=false,%
15 pdfusetitle,%
16 colorlinks,%

```

```

17 pdfpagelabels%
18 ]{hyperref}[2002/05/09]%
19 \hypersetup{%
20 plainpages=false,%
21 bookmarksopen,%
22 bookmarksnumbered,%
23 bookmarksopenlevel=0,%
24 pdfstartview={FitBH \hypercaltcbp{%
25 \paperheight-\topmargin-1in-\headheight-\headsep
26 }},%
27 }
28 \newcounter{HD@unique}

\theHD@unique

29 \renewcommand{\theHD@unique}{%
30 \number\value{HD@unique}%
31 }

32 \g@addto@macro\Hy@UseMaketitleInfos{%
33 \ifundefined{fileinfo}{}%
34 \ifx\pdfsubject\empty
35 \hypersetup{pdfsubject={\fileinfo}}%
36 \fi
37 }%
38 }

39 \pdfstringdefDisableCommands{%
40 \let\thanks@gobble
41 \let\footnote@gobble
42 \def\cs#1{\textbackslash #1}%
43 \let\normalfont\empty
44 \let\scshape\empty
45 \def\and{and }%
46 }

```

3.3 Bookmarks

```

\HD@sectionpatch

47 \def\HD@sectionpatch{%
48 \ifHD@numbered
49 \HD@@sectionpatch{section}%
50 \HD@@sectionpatch{chapter}%
51 \else
52 \let\Hy@writebookmark\HD@disable@writebookmark
53 \fi
54 }

\HD@@sectionpatch

55 \def\HD@@sectionpatch#1{%
56 \expandafter\let\csname HDorg@@#1\expandafter\endcsname
57 \csname #1\endcsname
58 \@namedef{#1}{%
59 \ifstar{\@nameuse{HDorg@@#1}}{\@nameuse{HDorg@@#1}}%
60 }%
61 }

\HD@disable@writebookmark

62 \def\HD@disable@writebookmark#1#2#3#4#5{

```

`\HD@guesstoclevel` A wild guessing of the toplevel. There is the hope, that the macro #1 starts with a sectioning command.

```
63 \def\HD@guesstoclevel#1{%
64   \expandafter\HD@guesstoclevel#1\section\HD@end
65 }
```

`\HD@@guesstoclevel`

```
66 \def\HD@@guesstoclevel#1#2\HD@end{%
67   \@ifundefined{toclevel@}\expandafter\@gobble\string#1\@empty}{%
68     1%
69   }{%
70     \@nameuse{toclevel@\expandafter\@gobble\string#1\@empty}%
71   }%
72 }
```

3.4 `\tableofcontents`

`\HDorg@tableofcontents`

```
73 \let\HDorg@tableofcontents\tableofcontents
```

`\tableofcontents` 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.

```
74 \def\tableofcontents{%
75   \begingroup
76   \@ifundefined{c@section}{%
77     \def\c@section{0}%
78   }{%
79     \expandafter\endgroup
80     \ifcase\c@section
81       \stepcounter{HD@unique}%
82       \pdfbookmark[\HD@guesstoclevel{\HDorg@tableofcontents}]%
83         {\contentsname}{toc\theHD@unique}%
84       \HDorg@tableofcontents
85     \else
86       \ifHD@numbered
87       \else
88         \stepcounter{HD@unique}%
89         \pdfbookmark[\HD@guesstoclevel{\HDorg@tableofcontents}]%
90           {\contentsname}{toc\theHD@unique}%
91       \fi
92     \begingroup
93       \HD@sectionpatch
94       \HDorg@tableofcontents
95     \endgroup
96   \fi
97 }
```

3.5 `\listoffigures`

`\HDorg@listoffigures`

```
98 \let\HDorg@listoffigures\listoffigures
```

`\listoffigures`

```
99 \def\listoffigures{%
100   \ifHD@numbered
101   \else
102     \stepcounter{HD@unique}%
103   }
```

```

103     \pdfbookmark[\HD@guesstoclevel{\HDorg@listoffigures}]]%
104     {\listfigurename}{toc\theHD@unique}%
105 \fi
106 \begingroup
107     \HD@sectionpatch
108     \HDorg@listoffigures
109 \endgroup
110 }

```

3.6 \listoftables

\HDorg@listoftables

```

111 \let\HDorg@listoftables\listoftables

```

\listoftables

```

112 \def\listoftables{%
113     \ifHD@numbered
114     \else
115         \stepcounter{HD@unique}%
116         \pdfbookmark[\HD@guesstoclevel{\HDorg@listoftables}]]%
117         {\listtablename}{toc\theHD@unique}%
118     \fi
119 \begingroup
120     \HD@sectionpatch
121     \HDorg@listoftables
122 \endgroup
123 }

```

3.7 \thebibliography

\HDorg@thebibliography

```

124 \let\HDorg@thebibliography\thebibliography

```

\thebibliography

```

125 \def\thebibliography{%
126     \ifHD@numbered
127     \else
128         \stepcounter{HD@unique}%
129         \pdfbookmark[\HD@guesstoclevel{\HDorg@thebibliography}]]%
130         {\@ifundefined{chapter}{\refname}{\bibname}}{\bib\theHD@unique}%
131     \fi
132     \HD@sectionpatch
133     \HDorg@thebibliography
134 }

```

3.8 \theindex

\HDorg@theindex

```

135 \let\HDorg@theindex\theindex

```

\theindex

```

136 \def\theindex{%
137     \let\HDorg@index@prologue\index@prologue
138     \let\HDorg@writebookmark\Hy@writebookmark
139     \HD@sectionpatch
140     \g@addto@macro\IndexParms{%

```

```

141 \ifHD@numbered
142 \else
143 \let\Hy@writebookmark\HDorg@writebookmark
144 \fi
145 \let\bfseries\HD@bfseries
146 }%
147 \edef\HD@toclevel@index{\HD@guesstoclevel{\index@prologue}}%
148 \begingroup
149 \count@=\HD@toclevel@index\relax
150 \advance\count@ by 1 %
151 \xdef\HD@toclevel@subindex{\the\count@}%
152 \endgroup
153 \def\index@prologue{%
154 \ifHD@numbered
155 \else
156 \begingroup
157 \stepcounter{HD@unique}%
158 \let\Hy@writebookmark\HDorg@writebookmark
159 \pdfbookmark[\HD@toclevel@index]%
160 {\indexname}{index\theHD@unique}%
161 \endgroup
162 \fi
163 \HDorg@index@prologue
164 }%
165 \HDorg@theindex
166 }

\HDorg@bfseries
167 \let\HDorg@bfseries\bfseries

\HD@bfseries
168 \def\HD@bfseries{\futurelet\HD@hfil\HD@@bfseries}%

\HD@@bfseries
169 \def\HD@@bfseries{%
170 \HDorg@bfseries
171 \ifx\HD@hfil\hfil
172 \expandafter\HD@@@bfseries
173 \fi
174 }

\HD@@@bfseries
175 \def\HD@@@bfseries\hfil#1\hfil{%
176 \ifx\#1\%
177 \else
178 \raisebox{\baselineskip}[Opt]{%
179 \kern-\HD@margin\relax
180 \pdfbookmark[\HD@toclevel@subindex]{#1}{HD.#1}%
181 \kern\HD@margin\relax
182 }%
183 \fi
184 \hfil#1\hfil
185 }%

\HD@margin
186 \def\HD@margin{1mm}

```


3.9 \theglossary

```
\HDorg@theglossary
187 \let\HDorg@theglossary\theglossary

\theglossary
188 \def\theglossary{%
189   \let\HDorg@glossary@prologue\glossary@prologue
190   \let\HDorg@writebookmark\Hy@writebookmark
191   \HD@sectionpatch
192   \def\glossary@prologue{%
193     \ifHD@numbered
194     \else
195       \begingroup
196         \let\Hy@writebookmark\HDorg@writebookmark
197         \stepcounter{HD@unique}%
198         \pdfbookmark[\HD@guesstoclevel{\HDorg@glossary@prologue}]{%
199           {\changehistoryname}{glossary\theHD@unique}}%
200       \endgroup
201     \fi
202     \HDorg@glossary@prologue
203   }%
204   \HDorg@theglossary
205 }

\glossaryname
206 \providecommand*{\glossaryname}{Change History}

\glossaryname
207 \providecommand*{\changehistoryname}{\glossaryname}
```

3.10 Index

```
208 \newcounter{HD@hypercount}

\HD@helplength
209 \newlength{\HD@helplength}

\ifHD@savest
210 \newif\ifHD@savest
211 \HD@savesttrue

212 \AtBeginDocument{%
213   \HD@savest@init
214 }

215 \RequirePackage{rerunfilecheck}[2009/12/10]

\HD@savest@init
216 \begingroup
217   \catcode'\^^M=\active
218 \@@firstofone\endgroup
219 \def\HD@savest@init{%
220   \ifHD@savest
221     \let\HDorg@tilde~%
222     \let~\HD@savest@entry
223     \edef\HDorg@catcodeM{\the\catcode'\^^M}%
224     \catcode'\^^M=\active
225     \def^^M{}%
```

```

226     \InputIfFileExists{\jobname.hd}{\relax}{\relax}%
227     \let~\HDorg@tilde
228     \catcode'\^M=\HDorg@catcodeM\relax
229     \newwrite\HD@savedest@out
230     \RerunFileCheck{\jobname.hd}{\relax}%
231     \immediate\closeout\HD@savedest@out
232   }{}%
233   \immediate\openout\HD@savedest@out=\jobname.hd\relax
234   \else
235     \let\HD@savedest@add\@gobble
236   \fi
237 }%

\HD@savedest@entry
238 \def\HD@savedest@entry#1~^M{%
239   \@namedef{HD.#1}{\relax}%
240 }%
241 }

\HD@savedest@add
242 \def\HD@savedest@add#1{%
243   \immediate\write\HD@savedest@out{\string~#1}%
244 }

\ifHD@targetraise
245 \newif\ifHD@targetraise
246 \HD@targetraisetrue

\HD@target
247 \def\HD@target{%
248   \ifHD@targetraise
249     \ifhmode
250       \settoheight{\HD@helplength}{[H]}%
251       \addtolength{\HD@helplength}{0.4ex}%
252       \raisebox{\HD@helplength}[0pt][0pt]{\relax}%
253       \HD@maketarget
254     }%
255   \else
256     \HD@maketarget
257   \fi
258 \else
259   \HD@maketarget
260 \fi
261 }

\HD@maketarget
262 \def\HD@maketarget{%
263   \stepcounter{HD@hypercount}%
264   \def\HD@next{%
265     \llap{\hypertarget{HD.\the\c@HD@hypercount}}{\relax},}%
266   }%
267   \ifHD@savedest
268     \expandafter\ifx\csname HD.\the\c@HD@hypercount\endcsname\@empty
269   \else
270     \let\HD@next\relax
271   \fi
272 \fi
273 \HD@next
274 }

```

\CodelineIndex

```
275 \g@addto@macro\CodelineIndex{%
276   \let\special@index\HD@codeline@wrindex
277 }
```

\PageIndex

```
278 \g@addto@macro\PageIndex{%
279   \let\special@index\HD@page@wrindex
280 }
```

\HD@codeline@wrindex

```
281 \def\HD@codeline@wrindex#1{%
282   \begingroup
283     \let\HDorg@encapchar\encapchar
284     \def\encapchar##1\encapchar##2\@nil{%
285       \HDorg@encapchar
286       hdclindex{\the\c@HD@hypercount}{##1}%
287     }%
288     \codeline@wrindex{%
289       #1\encapchar\encapchar\@nil
290     }%
291   \endgroup
292 }
```

\HD@page@wrindex

```
293 \def\HD@page@wrindex#1{%
294   \begingroup
295     \let\HDorg@encapchar\encapchar
296     \def\encapchar##1\encapchar##2\@nil{%
297       \HDorg@encapchar
298       hdpindex{##1}%
299     }%
300     \HDorg@index{#1\encapchar\encapchar\@nil}%
301   \endgroup
302 }
```

\hdclindex

```
303 \def\hdclindex#1#2#3{%
304   \csname\ifx\#2\relax\else#2\fi\endcsname{%
305     \hyperlink{HD.#1}{#3}%
306     \HD@savedest@add{#1}%
307   }%
308 }
```

\hdpindex

```
309 \def\hdpindex#1#2{%
310   \csname\ifx\#1\relax\else#1\fi\endcsname{%
311     \hyperpage{#2}%
312   }%
313 }
```

3.11 \PrintDescribeMacro

\HDorg@PrintDescribeMacro

```
314 \let\HDorg@PrintDescribeMacro\PrintDescribeMacro
```

\PrintDescribeMacro

```
315 \renewcommand\PrintDescribeMacro[1]{%
316   \begingroup
317     \let\HDorg@MacroFont\MacroFont
318     \def\MacroFont{%
319       \HD@target
320       \HDorg@MacroFont
321     }%
322     \HDorg@PrintDescribeMacro{#1}%
323   \endgroup
324 }
```

3.12 \PrintMacroName

\HDorg@PrintMacroName

```
325 \let\HDorg@PrintMacroName\PrintMacroName
```

\PrintMacroName

```
326 \renewcommand\PrintMacroName[1]{%
327   \begingroup
328     \let\HDorg@MacroFont\MacroFont
329     \def\MacroFont{%
330       \HD@target
331       \HDorg@MacroFont
332     }%
333     \HDorg@PrintMacroName{#1}%
334   \endgroup
335 }
```

3.13 \theCodelineNo

\HDorg@theCodelineNo

```
336 \let\HDorg@theCodelineNo\theCodelineNo
```

\theCodelineNo

```
337 \renewcommand*\theCodelineNo{%
338   \settowidth{\HD@helplength}{\HDorg@theCodelineNo\ }%
339   \ifdim\HD@helplength<\MacroIndent
340     \addtolength{\HD@helplength}{-\MacroIndent}%
341     \llap{%
342       \begingroup\HD@target\endgroup
343       \hspace*{\HD@helplength}%
344     }%
345   \else
346     \HD@target
347   \fi
348   \HDorg@theCodelineNo
349 }
```

\HDorg@index

```
350 \AtBeginDocument{%
351   \let\HDorg@index\index
352 }
```

3.14 \SpecialUsageIndex

\HDorg@SpecialUsageIndex

```
353 \let\HDorg@SpecialUsageIndex\SpecialUsageIndex
354 \renewcommand*\SpecialUsageIndex[1]{%
355   \@bsphack
356   \begingroup
357   \HD@target
358   \let\index\HDorg@index
359   \let\HDorg@encapchar\encapchar
360   \edef\encapchar usage{%
361     \HDorg@encapchar hdclindex{\the\c@HD@hypercount}{usage}%
362   }%
363   \HDorg@SpecialUsageIndex{#1}%
364 \endgroup
365 \@esphack
366 }
```

3.15 \autoindex

```
367 \begingroup\expandafter\expandafter\expandafter\endgroup
368 \expandafter\ifx\csname autoindex\endcsname\relax
369 \else
```

\HDorg@autoindex

```
370 \let\HDorg@autoindex\autoindex
```

\autoindex

```
371 \renewcommand*\autoindex[1]{%
372   \@bsphack
373   \begingroup
374   \HD@target
375   \let\index\HDorg@index
376   \let\HDorg@encapchar\encapchar
377   \edef\encapchar usage{%
378     \HDorg@encapchar hdclindex{\the\c@HD@hypercount}{usage}%
379   }%
380   \HDorg@autoindex{#1}%
381 \endgroup
382 \@esphack
383 }%
384 \pdfstringdefDisableCommands{\let\autoindex\@gobble }
385 \fi
```

3.16 \SpecialEnvIndex

\HDorg@SpecialEnvIndex

```
386 \let\HDorg@SpecialEnvIndex\SpecialEnvIndex
```

\SpecialEnvIndex

```
387 \renewcommand*\SpecialEnvIndex[1]{%
388   \@bsphack
389   \begingroup
390   \HD@target
391   \let\HDorg@encapchar\encapchar
392   \edef\encapchar usage{%
393     \HDorg@encapchar hdclindex{\the\c@HD@hypercount}{usage}%
394   }%
```

```

395 \HDorg@SpecialEnvIndex{#1}%
396 \endgroup
397 \@esphack
398 }

```

3.17 \SortIndex

\HDorg@SortIndex

```

399 \let\HDorg@SortIndex\SortIndex

\SortIndex
400 \renewcommand*{\SortIndex}[2]{%
401 \@bsphack
402 \begingroup
403 \let\index\HD@page@windex
404 \HDorg@SortIndex{#1}{#2}%
405 \endgroup
406 \@esphack
407 }

```

3.18 \@wrglossary

\HDorg@wrglossary

```

408 \let\HDorg@wrglossary\@wrglossary

\@wrglossary
409 \def\@wrglossary#1{%
410 \let\HDorg@encapchar\encapchar
411 \def\encapchar##1\encapchar##2\@nil{%
412 \HDorg@encapchar
413 hdpindex{##1}%
414 }%
415 \HDorg@wrglossary{#1\encapchar\encapchar\@nil}%
416 }

```

3.19 \MacroIndent

\MacroIndent automatically calculated.

```

417 \AfterLastShipout{%
418 \if@files
419 \immediate\write\@auxout{%
420 \string\providecommand\string\HD@SetMacroIndent[1]{}%
421 }%
422 \immediate\write\@auxout{%
423 \string\HD@SetMacroIndent{\number\value{CodelineNo}}}%
424 }%
425 \fi
426 }

```

\HD@SetMacroIndent

```

427 \def\HD@SetMacroIndent#1{%
428 \begingroup
429 \value{CodelineNo}=#1\relax
430 \settowidth{\MacroIndent}{\HDorg@theCodelineNo\ }%
431 \global\MacroIndent\MacroIndent
432 \endgroup
433 }

```

4 Installation

4.1 Download

Package. This package is available on CTAN¹:

[CTAN:macros/latex/contrib/hypdoc/hypdoc.dtx](#) The source file.

[CTAN:macros/latex/contrib/hypdoc/hypdoc.pdf](#) Documentation.

4.2 Package installation

The best is to install the package with the package manager of your T_EX distribution. If a manual installation is needed:

Unpacking. The `.dtx` file is a self-extracting `docstrip` archive. The files are extracted by running the `.dtx` through plain T_EX:

```
tex hypdoc.dtx
```

TDS. Now the different files must be moved into the different directories in your installation TDS tree (also known as `texmf` tree):

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

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

4.3 Refresh file name databases

If your T_EX distribution (T_EX Live, MiK_T_EX, ...) relies on file name databases, you must refresh these. For example, T_EX Live users run `texhash` or `mktextlsr`.

4.4 Some details for the interested

Unpacking with L^AT_EX. The `.dtx` chooses its action depending on the format:

plain T_EX: Run `docstrip` and extract the files.

L^AT_EX: Generate the documentation.

If you insist on using L^AT_EX for `docstrip` (really, `docstrip` does not need L^AT_EX), 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.

¹[CTAN:pkg/hypdoc](#)

Generating the documentation. You can use both the `.dtx` or the `.drv` to generate the documentation. The process can be configured by the configuration file `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 pdfL^AT_EX:

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

5 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 L^AT_EX 2011/06/27 with the new `\in@`.

[2016/05/16 v1.12]

- Documentation updates.

[2016/10/02 v1.13]

- Fixes to `bookmarknames`, also introduce `\changehistoryname`

[2018/09/07 v1.14]

- Do not load `thumpdf`.

[2021-11-15 v1.15]

- removed an old, unneeded patch for latex/4096
- added a `\pdfstringdefDisableCommands` setting for `\autoindex`

6 Index

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