

The hrefhide package

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Abstract

This \LaTeX package allows to “hide” some (hyperlinked) text when printing the document while keeping the layout and to simulate switching `ocgcolor` of `hyperref` package on and off.

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Save per page about 200 ml water, 2 g CO₂ and 2 g wood:
Therefore please print only if this is really necessary.

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1 Introduction

This package provides the command `\hrefdisplayonly` (additionally to `\href` of the `hyperref` package by HEIKO OBERDIEK). While the (hyperlinked) text appears like an ordinary `\href` in the compiled `.pdf`-file, the same text will be “hidden” when printing the text. It is not really invisible, but just has the same colour as the background (default: `white`). Therefore the layout is not changed when printing the document.

Further the commands `\hycon` and `\hycoff` (`hyper-colour-on/off`) can be used to *simulate* switching option `ocgcolorlinks` of `hyperref` package on and off.

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2 Usage

Just load the package placing

```
\usepackage[<options>]{hrefhide}
```

in the preamble of your $\text{\LaTeX} 2_{\epsilon}$ source file **after** the `hyperref` package. For a link, which shall not be printed, use `\hrefdisplayonly` instead of `\href`. This might be practical for example for internal links, which make no sense in a printed version (“Klick here” does not work with real paper).

`\hypersetup{ocgcolorlinks=true}` and `\hypersetup{ocgcolorlinks=false}` may work - or they may not. (`ocgcolorlinks` is a decision to be made in the preamble and performs changes which cannot easily be reverted.) But it is possible to use `ocgcolorlinks` while letting the links *appear* as if `ocgcolorlinks=false` was chosen. Therefore this package provides the command `\hycoff` (and `\hycon` to switch back to default `ocgcolorlinks=true` behaviour). Note that `ocgcolorlinks=true` really is enabled, therefore all limitation of this apply (e. g. no breaks in links).

2.1 Options

`options` The `hrefhide` package takes the following options:

2.1.1 `linktextcolour`

`linktextcolour` The option `linktextcolour` takes the colour of the text of the links. The default is `black`.

2.1.2 `backgroundcolour`

`backgroundcolour` The option `backgroundcolour` takes the colour of the background of the links. The default is `white`.

2.1.3 `pdfborder`

`pdfborder` The option `pdfborder` takes the configuration of the `pdfborder` around the link. The default is `{0 0 1}`, i. e. a 1 pt rectangular line. `{0 0 0}` means no line.

3 Alternatives

`ocgcolorlinks` If option `ocgcolorlinks` (of the `hyperref` package) is already used in your document (i.e. you *want* coloured links), do **NOT** use this `hrefhide` package to hide links! For a link to be “hidden”, just say

```
{\color{white} \href{...}{...}}
```

(and replace `white` with the background colour).

For hiding text, which does not contain links, the `pdfcomment` package by JOSEF KLEBER should be noted.

(You programmed or found some alternative, which is available at [CTAN](#)? OK, send an e-mail to me with the name, location at [CTAN](#):, and a short notice, and I will probably include it here.)

4 Example

```
1 (*example)
2 \documentclass[british]{article}[2007/10/19]% v1.4h
3 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
4 \usepackage{lipsum}[2011/04/14]% v1.2
5 \usepackage[ocgcolorlinks,bookmarks=false,bookmarksopen=false]{hyperref}[2011/04/17]% v6.82g
6 % Bookmarks are not needed here, but are possible, of course.
7 \hypersetup{extension=pdf,%
8 plainpages=false,%
9 pdfpagelabels=true,%
10 hyperindex=false,%
11 pdflang={en},%
12 pdftitle={hrefhide package example},%
13 pdfauthor={Hans-Martin Muench},%
14 pdfsubject={Example for the hrefhide package},%
15 pdfkeywords={LaTeX, hrefhide, Hans-Martin Muench},%
16 pdfview=Fit,pdfstartview=Fit,%
17 pdfpagelayout=SinglePage%
18 }
19 \usepackage[linktextcolour=black,backgroundcolour=white,pdfborder={0 0 1}]{hrefhide}[2011/04/29]
20 \gdef\unit#1{\mathord{\thinspace\mathrm{#1}}}%
21 \listfiles
22 \begin{document}
23 \pagenumbering{arabic}
24 \section*{Example for hrefhide}
25
26 This example demonstrates the use of package\newline
27 \textsf{hrefhide}, v1.0f as of 2011/04/29 (HMM).\newline
28 The used options were \texttt{linktextcolour=black},\newline
29 \texttt{backgroundcolour=white}, and \texttt{pdfborder={0 0 1}}\newline
30 (the default ones).\newline
31 For more details please see the documentation!\newline
32
33 \textit{Print-\textbf{preview} the first page of this document\newline
34 and compare it with the page as displayed in your pdf reader.}\newline
35
```

36 \noindent {\color{green} Save per page about \$200\unit{ml}\$ water,
37 \$2\unit{g}\$ CO₂\$ and \$2\unit{g}\$ wood:\newline
38 Therefore please print only if this is really necessary.\newline
39 Maybe already the print-preview or just printing
40 the first page are sufficient?}\newline
41
42 \bigskip
43 Lorem ipsum dolor sit amet \href{\#target}{link to target} consectetuer
44 adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet
45 dolore magna aliquam erat volutpat.
46
47 Ut wisi enim ad minim
48 veniam \hrefdisplayonly{\#target}{hidden link to target} quis nostrud
49 exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea
50 commodo consequat.
51
52 Duis autem vel eum iriure dolor \href{\#target}{link to target} in
53 hendrerit in vulputate velit esse molestie consequat, vel illum dolore
54 eu feugiat nulla facilisis at vero eros et accumsan et iusto odio
55 dignissim qui blandit praesent luptatum zzril delenit augue
56 duis dolore te feugait nulla facilisi.\newline
57
58 \noindent \textbf{\textsf{%
59 \hrefdisplayonly{\#RefA}{A}
60 \hrefdisplayonly{\#RefB}{B}
61 \hrefdisplayonly{\#RefC}{C}
62 \hrefdisplayonly{\#RefD}{D}
63 \hrefdisplayonly{\#RefE}{E}
64 \hrefdisplayonly{\#RefF}{F}
65 \hrefdisplayonly{\#RefG}{G}
66 \hrefdisplayonly{\#RefH}{H}
67 \hrefdisplayonly{\#RefI}{I}
68 \hrefdisplayonly{\#RefJ}{J}
69 \hrefdisplayonly{\#RefK}{K}
70 \hrefdisplayonly{\#RefL}{L}
71 \hrefdisplayonly{\#RefM}{M}
72 \hrefdisplayonly{\#RefN}{N}
73 \hrefdisplayonly{\#RefO}{O}
74 \hrefdisplayonly{\#RefP}{P}
75 \hrefdisplayonly{\#RefQ}{Q}
76 \hrefdisplayonly{\#RefR}{R}
77 \hrefdisplayonly{\#RefS}{S}
78 \hrefdisplayonly{\#RefT}{T}
79 \hrefdisplayonly{\#RefU}{U}
80 \hrefdisplayonly{\#RefV}{V}
81 \hrefdisplayonly{\#RefW}{W}
82 \hrefdisplayonly{\#RefX}{X}
83 \hrefdisplayonly{\#RefY}{Y}
84 \hrefdisplayonly{\#RefZ}{Z}} \linebreak
85
86 Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit,
87 vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida
88 mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a,
89 magna.\newline
90
91 Switching to coloured links with \verb|\hycon|:\newline
92 \hycon
93 \href{\#RefX}{X} and also

```

94 \href{http://www.ctan.org/pkg/hrefhide}{http://www.ctan.org/pkg/hrefhide}.
95
96 Switching off the coloured links with \verb|\hycoff| again:\newline
97 \hycoff
98 \href{\#RefY}{Y} and also
99 \href{http://www.ctan.org/tex-archive/macros/latex/contrib/hrefhide}{%
100 http://www.ctan.org/tex-archive/macros/latex/contrib/hrefhide}.
101
102 \pagebreak
103
104 {\Large \textbf{Targets}}\
105 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam
106 nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat
107 volutpat. \hypertarget{target}{target text} Ut wisi enim ad minim
108 veniam, quis nostrud exerci tation ullamcorper suscipit lobortis
109 nisl ut aliquip ex ea commodo consequat.
110
111 \section[A]{\hypertarget{RefA}{A}} \lipsum[1]
112 \section[B]{\hypertarget{RefB}{B}} \lipsum[1]
113 \section[C]{\hypertarget{RefC}{C}} \lipsum[1]
114 \section[D]{\hypertarget{RefD}{D}} \lipsum[1]
115 \section[E]{\hypertarget{RefE}{E}} \lipsum[1]
116 \section[F]{\hypertarget{RefF}{F}} \lipsum[1]
117 \section[G]{\hypertarget{RefG}{G}} \lipsum[1]
118 \section[H]{\hypertarget{RefH}{H}} \lipsum[1]
119 \section[I]{\hypertarget{RefI}{I}} \lipsum[1]
120 \section[J]{\hypertarget{RefJ}{J}} \lipsum[1]
121 \section[K]{\hypertarget{RefK}{K}} \lipsum[1]
122 \section[L]{\hypertarget{RefL}{L}} \lipsum[1]
123 \section[M]{\hypertarget{RefM}{M}} \lipsum[1]
124 \section[N]{\hypertarget{RefN}{N}} \lipsum[1]
125 \section[O]{\hypertarget{RefO}{O}} \lipsum[1]
126 \section[P]{\hypertarget{RefP}{P}} \lipsum[1]
127 \section[Q]{\hypertarget{RefQ}{Q}} \lipsum[1]
128 \section[R]{\hypertarget{RefR}{R}} \lipsum[1]
129 \section[S]{\hypertarget{RefS}{S}} \lipsum[1]
130 \section[T]{\hypertarget{RefT}{T}} \lipsum[1]
131 \section[U]{\hypertarget{RefU}{U}} \lipsum[1]
132 \section[V]{\hypertarget{RefV}{V}} \lipsum[1]
133 \section[W]{\hypertarget{RefW}{W}} \lipsum[1]
134 \section[X]{\hypertarget{RefX}{X}} \lipsum[1]
135 \section[Y]{\hypertarget{RefY}{Y}} \lipsum[1]
136 \section[Z]{\hypertarget{RefZ}{Z}} \lipsum[1]
137
138 \end{document}
139 </example>

```

5 The implementation

We start off by checking that we are loading into L^AT_EX 2_ε and announcing the name and version of this package.

```
140 (*package)
141 \NeedsTeXFormat{LaTeX2e}[2009/09/24]
142 \ProvidesPackage{hrefhide}[2011/04/29 v1.0f
143           Hiding hyperrefs when printing pdf files (HMM)]%
144
```

A short description of the hrefhide package:

```
145 %% Allows to "hide" hyperlinked text in a pdf file when printing
146 %% ("Klick here" does not work on real paper)
147 %% by providing the command \hrefdisplayonly
148 %% and allows simulating to switch on/off ocgcolourlinks
149 %% of the hyperref package by Heiko Oberdiek.
150
```

We need the xcolor package by DR. UWE KERN (see subsection 6.1):

```
151 \RequirePackage{xcolor}[2007/01/21]% v2.11
      the hyperref package by HEIKO OBERDIEK (see subsection 6.1):
152 \RequirePackage[ocgcolorlinks]{hyperref}[2011/04/17]% v6.82g
      and the kvoptions package, also by HEIKO OBERDIEK (see subsection 6.1):
153 \RequirePackage{kvoptions}[2010/12/23]% v3.10
```

A last information for the user:

```
154 %% hrefhide may work with earlier versions of LaTeX and those
155 %% packages, but this was not tested. Please consider updating
156 %% your LaTeX and packages to the most recent version
157 %% (if they are not already the most recent version).
158
```

See subsection 6.1 about how to get them.

The options are introduced:

```
159 \SetupKeyvalOptions{family = hrefhide, prefix = hrefhide@}
160 \DeclareStringOption[black]{linktextcolour}[black]
161 \DeclareStringOption[white]{backgroundcolour}[white]
162 \DeclareStringOption[{0 0 1}]{pdfborder}[{0 0 1}]
163
164 \ProcessKeyvalOptions*
165
166 \gdef\hrefhide@status@ON{ON}
167 \gdef\hrefhide@status@OFF{OFF}
168
```

The new commands are defined:

`\hycon`

```
169 \newcommand{\hycon}{%
170   \ifx\hrefhide@status\hrefhide@status@OFF%
171   \@ifundefined{@anchorbordercolor}{%
172     \hypersetup{anchorcolor=\hrefhide@anchorbordercolor}%
173   }{%
174     \definecolor{hyanchorbordercolor}{rgb}{\@anchorbordercolor}%
175     \hypersetup{anchorcolor=hyanchorbordercolor}%
176   }%

```

because there is no `anchorborder (color)` in `hyperref` as of 2011/04/17, v6.82g.

```
177 \definecolor{hycitebordercolor}{rgb}{\@citebordercolor}%
178 \hypersetup{citecolor=hycitebordercolor}%
179 \definecolor{hyfilebordercolor}{rgb}{\@filebordercolor}%
180 \hypersetup{filecolor=hyfilebordercolor}%
181 \definecolor{hylinkbordercolor}{rgb}{\@linkbordercolor}%
182 \hypersetup{linkcolor=hylinkbordercolor}%
183 \definecolor{hymenubordercolor}{rgb}{\@menubordercolor}%
184 \hypersetup{menucolor=hymenubordercolor}%
185 \definecolor{hyrunbordercolor}{rgb}{\@runbordercolor}%
186 \hypersetup{runcolor=hyrunbordercolor}%
187 \definecolor{hyurlbordercolor}{rgb}{\@urlbordercolor}%
188 \hypersetup{urlcolor=hyurlbordercolor}%
189 \hypersetup{pdfborder=0 0 0}%
190 \gdef\hrefhide@status{ON}%
191 \PackageInfo{hrefhide}{OCG-link colouring ON\MessageBreak}%
192 \else%
193 \PackageWarning{hrefhide}{\string\hycon\space called when OCG-link colouring was not OFF \Mess
194 - nothing done}%
195 \fi%
196 }
197
```

If link colouring is already ON, nothing is done. Otherwise `\hycon` looks for the colour of the border of a link type and sets the colour of the text of that link type to that colour.

`\hycoff` This package on the one hand uses the `ocgcolor` option of the `hyperref` package, but on the other hand does not really want coloured links (see 3). Thus we simulate to turn it off:

```
198 \newcommand{\hycoff}{%
199 \ifx\hrefhide@status\hrefhide@status@ON%
200 \@ifundefined{anchorbordercolor}{%
201 \global\edef\hrefhide@anchorbordercolor{\@anchorcolor}%
202 }{%
203 \hypersetup{anchorbordercolor=\@anchorcolor}%
204 }%

```

because there is no `anchorborder (color)` in `hyperref` as of 2011/04/17, v6.82g.

```
205 \hypersetup{anchorcolor=\hrefhide@linktextcolour}%
206 \hypersetup{citebordercolor=\@citecolor}%
207 \hypersetup{citecolor=\hrefhide@linktextcolour}%
208 \hypersetup{filebordercolor=\@filecolor}%
209 \hypersetup{filecolor=\hrefhide@linktextcolour}%
210 \hypersetup{linkbordercolor=\@linkcolor}%
211 \hypersetup{linkcolor=\hrefhide@linktextcolour}%
212 \hypersetup{menubordercolor=\@menucolor}%
213 \hypersetup{menucolor=\hrefhide@linktextcolour}%
214 \hypersetup{runbordercolor=\@runcolor}%
215 \hypersetup{runcolor=\hrefhide@linktextcolour}%
216 \hypersetup{urlbordercolor=\@urlcolor}%
217 \hypersetup{urlcolor=\hrefhide@linktextcolour}%
218 \hypersetup{pdfborder=\hrefhide@pdfborder}%
219 \gdef\hrefhide@status{OFF}%

```

If link colouring is already OFF, nothing is done. Otherwise the colour of the respective border is set to the colour of the text of the link type, setting the colour

of the text of the link type to `\hrefhide@linktextcolour` (default: black) and the link border again to `\hrefhide@pdfborder` (default: rectangle with 1 pt line thickness).

While link colouring is really ON, we thus emulate the behaviour of link colouring OFF, therefore we give this message:

```
220 \PackageInfo{hrefhide}{OCG-link colouring OFF (sort of; hrefhide package)\MessageBreak}%
221 \else%
222 \PackageWarning{hrefhide}{\string\hycoff\space called when OCG-link colouring was not ON \Mess
223 - nothing done}%
224 \fi%
225 }
226
```

Nevertheless, all restrictions of `ocgcolorlinks`, e.g. no links breaking over lines, still prevail!

`\hrefdisplayonly` The command `\hrefdisplayonly` is defined:

```
227 \newcommand{\hrefdisplayonly}[2]{%
228 {\color{\hrefhide@backgroundcolour}\href{#1}{#2}}%
229 }
230
```

which just sets the colour of the link to `\hrefhide@backgroundcolour` for printing, thereby turning it “invisible”.

`\AtBeginDocument`

```
231 \AtBeginDocument{%
    \AtBeginDocument it is checked whether the hyperref package was loaded
    with option ocgcolorlinks. (hrefhide calls it with option ocgcolorlinks (i.e.
    =true), but in the preamble it would be possible to really turn it off again by
    \hypersetup{ocgcolorlinks=false}. This hrefhide package needs the hyperref
    package with option ocgcolorlinks. If package and/or option are/is missing, the
    appropriate error message is given.
232 \ifHy@ocgcolorlinks%
233 \gdef\hrefhide@status{ON}%
234 \else%
235 \gdef\hrefhide@status{OFF}%
236 \PackageError{hrefhide}{hyperref package missing option ocgcolorlinks}{%
237 The package hrefhide needs the hyperref package\MessageBreak%
238 with option ocgcolorlinks.\MessageBreak%
239 That option is missing!\MessageBreak%
240 Now the link(s) will be ''hidden'' in pdf view also.\MessageBreak%
241 }%
242 \fi%
```

We check whether `\Hy@driver` is `hpdfTEX`, i.e. a .pdf-file is in production.

```
243 \def\hrefhide@driver{hpdfTEX}%
244 \ifx\Hy@driver\hrefhide@driver% \relax
245 \else%
```

If this is not the case (for example for a .dvi-file), the error message is given.

```
246 \PackageError{hrefhide}{Producing not a pdf file}{%
247 The package hrefhide only works for a pdf file,\MessageBreak%
248 but driver \Hy@driver\space instead of \hrefhide@driver\space was found.\MessageBreak%
249 Use pdfLaTeX to compile your document.\MessageBreak%
250 (Probably no large harm was done, but the respective\MessageBreak%
```

```

251     link text will neither be hidden when printing.)\MessageBreak%
252     }%
253     \fi%

```

Because we need link colouring, we use option `ocgcolorlinks`, but because we do not want coloured links, we emulate the behaviour of link colouring OFF, therefore `\hycoff` is used `\AtBeginDocument`:

```

254     \hycoff%
255     }
256
257 \end{package}

```

6 Installation

**When manually installing, please first make sure
that there is no old version of `hrefhide`
at some obsolete place in your system!**

6.1 Downloads

Everything is available at CTAN: <http://www.ctan.org/tex-archive/>, but may need additional packages themselves.

`hrefhide.dtx` For unpacking the `hrefhide.dtx` file and constructing the documentation it is required:

- T_EXFormat L^AT_EX 2_ε: <http://www.CTAN.org/>
- document class `ltxdoc`, 2007/11/11, v2.0u,
[CTAN:macros/latex/base/ltxdoc.dtx](http://www.ctan.org/ctan/macros/latex/base/ltxdoc.dtx)
- package `holtxdoc`, 2011/02/04, v0.21,
[CTAN:macros/latex/contrib/oberdiek/holtxdoc.dtx](http://www.ctan.org/ctan/macros/latex/contrib/oberdiek/holtxdoc.dtx)
- package `hypdoc`, 2010/03/26, v1.9,
[CTAN:macros/latex/contrib/oberdiek/hypdoc.dtx](http://www.ctan.org/ctan/macros/latex/contrib/oberdiek/hypdoc.dtx)

`hrefhide.sty` The `hrefhide.sty` for L^AT_EX 2_ε (i. e. all documents using the `hrefhide` package) requires:

- T_EXFormat L^AT_EX 2_ε, <http://www.CTAN.org/>
- package `xcolor`, 2007/01/21, v2.11,
[CTAN:/macros/latex/contrib/xcolor/xcolor.dtx](http://www.ctan.org/ctan/macros/latex/contrib/xcolor/xcolor.dtx)
- package `hyperref`, 2011/04/17, v6.82g,
[CTAN:macros/latex/contrib/hyperref/hyperref.dtx](http://www.ctan.org/ctan/macros/latex/contrib/hyperref/hyperref.dtx)
- package `kvoptions`, 2010/12/23, v3.10,
[CTAN:macros/latex/contrib/oberdiek/kvoptions.dtx](http://www.ctan.org/ctan/macros/latex/contrib/oberdiek/kvoptions.dtx)

`hrefhide-example.tex` The `hrefhide-example.tex` requires the same files as all documents using the `hrefhide` package, and additionally:

- class `article`, 2007/10/19, v1.4h, from `classes.dtx`:
[CTAN:macros/latex/base/classes.dtx](http://www.ctan.org/ctan/macros/latex/base/classes.dtx)

- package lipsum, 2011/04/14, v1.2,
`CTAN:macros/latex/contrib/lipsum/lipsum.dtx`
 - package hrefhide, 2011/04/29, v1.0f,
`CTAN:macros/latex/contrib/hrefhide/hrefhide.dtx`
 (Well, it is the example file for this package, and because you are reading the documentation for the hrefhide package, it can be assumed that you already have some version of it – is it the current one?)
- hyperref As possible alternative in section 3 there is listed
- package hyperref, 2011/04/17, v6.82g,
`CTAN:macros/latex/contrib/hyperref/` with option `ocgcolorlinks` and `{\color{white} \href{...}{...}}`.
 - package pdfcomment, 2010/12/11, v2.1,
`CTAN:macros/latex/contrib/pdfcomment/`
 for text **outside** of links
- Oberdiek All packages of HEIKO OBERDIEK’S bundle ‘oberdiek’ (especially holtxdoc and
holtxdoc kvoptions) are also available in a TDS compliant ZIP archive:
hyperref `CTAN:install/macros/latex/contrib/oberdiek.tds.zip`.
kvoptions It is probably best to download and use this, because the packages in there are quite probably both recent and compatible among themselves.
- Münch A hyperlinked list of my (other) packages can be found at <http://www.Uni-Bonn.de/~uzs5pv/LaTeX.html>.

6.2 Package, unpacking TDS

Package. This package is available on `CTAN::`

`CTAN:macros/latex/contrib/hrefhide/hrefhide.dtx`
 The source file.

`CTAN:macros/latex/contrib/hrefhide/hrefhide.pdf`
 The documentation.

`CTAN:macros/latex/contrib/hrefhide/hrefhide-example.pdf`
 The compiled example file, as it should look like.

`CTAN:install/macros/latex/contrib/hrefhide.tds.zip`
 Everything in TDS compliant, compiled format.

which additionally contains

- hrefhide.ins The installation file.
- hrefhide.drv The driver to generate the documentation.
- hrefhide.sty The `.style` file.
- hrefhide-example.tex The example file.

For required other packages, see the preceding subsection.

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

```
tex hrefhide.dtx
```

About generating the documentation see paragraph 6.4 below.

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

```
hrefhide.sty      → tex/latex/hrefhide.sty
hrefhide.pdf      → doc/latex/hrefhide.pdf
hrefhide-example.tex → doc/latex/hrefhide-example.tex
hrefhide-example.pdf → doc/latex/hrefhide-example.pdf
hrefhide.dtx      → source/latex/hrefhide.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`.

6.3 Refresh file name databases

If your `TeX` distribution (`teTeX`, `mikTeX`,...) relies on file name databases, you must refresh these. For example, `teTeX` users run `texhash` or `mktxlsr`.

6.4 Some details for the interested

Unpacking with \LaTeX . The `.dtx` chooses its action depending on the format:

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

\LaTeX : Generate the documentation.

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

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

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

Generating the documentation. You can use both the `.dtx` or the `.drv` to generate the documentation. The process can be configured by a 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 `pdf \LaTeX` :

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

6.5 Compiling the example

The example file, `hrefhide-example.tex`, can be compiled via

```
pdflatex hrefhide-example.tex
```

(but **not** `latex hrefhide-example.tex!`)

and will need two compiler runs to get all references right.

7 Acknowledgements

I would like to thank HEIKO OBERDIEK (heiko dot oberdiek at gmail dot com) for providing the `hyperref` as well as a lot (!) of other useful packages (from which I also got everything I know about creating a file in `.dtx` format, ok, say it: copying), and the `news:comp.text.tex` and `news:de.comp.text.tex` newsgroups for their help in all things \TeX .

8 History

[2010/02/18 v0.1]

- First idea about this as a reply of mine to a question on `news:comp.text.tex` (Subject: "Hiding" interactive parts of pdf when printing), see e. g. <http://groups.google.com/group/comp.text.tex/msg/80d9eebf2837d7a3?dmode=source>.

[2010/06/01 v1.0(a)]

- First version of the `hrefhide` package.

[2010/06/03 v1.0b]

- Example adapted to other examples of mine.
- Updated references to other packages.
- TDS locations updated.
- Several changes in the documentation and the Readme file.

[2010/06/24 v1.0c]

- `pdfcomment` package listed as alternative for text **outside** of hyperlinks.
- `holtxdoc` warning in `drv` updated.
- Corrected the location of the package at CTAN.
(In that version TDS was still missing due to packaging error.)
- Updated reference to other package: `hyperref`.
- Added a list of my other packages.

[2010/07/29 v1.0d]

- Corrected given url of `hrefhide.tds.zip` and other urls.
- Included a url for the newsgroup post (in History).
- Changed the `undolabl` package description.
- New version of the used `hyperref` package: 2010/06/18, v6.81g.
- Included a `\Checksum`.
- Minor details.

[2011/02/01 v1.0e]

- Changed the `\unit` definition (got rid of an old `\rm`).
- Moved the package from `.../latex/muench/hrefhide/...` to `.../latex/hrefhide/...`
(Please make sure that any old versions of the `hrefhide` package are properly uninstalled from your system.)
- Replaced the list of my packages with a link to a web page list of those, which has the advantage of showing the recent versions of all those packages.
- Updated to version 2010/12/16 v6.81z of the `hyperref` package.
- A new version (2010/12/11 v2.1) of the `pdfcomment` package is available.
- Minor details.

[2011/04/29 v1.0f]

- There is a new version of the used `lipsum` package: 2011/04/14, v1.2.
- The `holtxdoc` package was fixed (recent: 2011/02/04, v0.21), therefore the warning in `drv` could be removed. – Adapted the style of this documentation to new OBERDIEK `dtx` style.
- Removed the `ltxdoc.cfg` file for the documentation.
- There is a new version of the used `hyperref` package: 2011/04/17, v6.82g.
- There is a new version of the used `kvoptions` package: 2010/12/23, v3.10.
- Bug fix: The previous versions only hide links of type “link”. Now the types citation, page reference, URL, local file reference, and “other links”-type are “hidden”.
- With `\hycon` and `\hycoff` it is now possible to *simulate* the switching on/off of `ocgcolorlinks` in the document.
- Instead of `color` now the `xcolor` package is used.
- A lot of details.

When you find a mistake or have a suggestion for an improvement of this package, please send an e-mail to the maintainer, thanks! (Please see BUG REPORTS in the README.)

9 Index

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