

The pdfcrypt package

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Abstract

This package supports the setting of pdf encryption options for V_T_EX and some older versions of pdf_T_EX.

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1 Documentation

This package allows the setting of pdf encryption options for

- V_TE_X, since version 7.35, <http://www.micropress-inc.com/>.
- pdf_TE_X, patched by Ricardo Sanchez Carmenes¹.
Some supported versions are:

pdf_TE_X-1.00a,
pdf_TE_X-0.14h-pdfcrypt-20010310,
pdfcrypt-20010331

Note: Since pdf_TE_X-1.10a (2003-01-16) encryption support was dropped! Thus the package is now obsolete for recent pdf_TE_X versions.

1.1 Alternatives

There are free alternatives, programs that can be used for postprocessing the pdf file:

- pdftk
<http://www.accesspdf.com/pdftk/>
- Multivalent
<http://multivalent.sourceforge.net/>
- PDFBox
<http://www.pdfbox.org/>
- PDFTrans
<http://maddingue.free.fr/software/pdftrans.html>
- ...

1.2 Usage

The options can be set as package options or with the command `\pdfcryptsetup`:

```
owner=<owner password>
user=<user password>
print, copy, edit, annotate=true, false
all, none
debug
```

The encryption is set at `\begin{document}` by default, but this can be forced for an earlier time using the option `set`. Example:

```
\usepackage[owner=Donald,user=Knuth,print=false]{pdfcrypt}
...
\begin{document}
```

or

```
\usepackage{pdfcrypt}
\pdfcryptsetup{owner=Donald,user=Knut}
\pdfcryptsetup{print=false,set}
...
\begin{document}
```

¹Ricardo Sanchez Carmenes's email address: carmenes@bioquimica.uniovi.es

1.2.1 Special characters

The characters ‘{’, ‘}’, and ‘\’ have to be escaped with ‘\’. Then the string should not be specified as package option but with the macro `\pdfcryptsetup`, eg:

```
\pdfcryptsetup{user={\{\Hello\}},print=false}
```

The password here is “{\Hello}”. Active characters can be used and are not expanded. Macros except for `\{`, `\}`, and `\\` should not be used and are not expanded.

1.2.2 \nopdfcrypt

Often the whole process of pdf generation includes several \TeX compilations and perhaps other postprocessing steps. Therefore a feature would be useful to disable the encryption stuff in order to speed up the first compilations. Therefore package `pdfcrypt` will look for the macro `\nopdfcrypt`. If it has the meaning of the letter ‘Y’, the package will be disabled. Example:

```
pdflatex '\let\nopdfcrypt=Y\input myfile'
thumbpdf myfile
pdfelatex myfile
```

1.2.3 Configuration file

If the file `pdfcrypt.cfg` exists it is loaded and can be used for common settings.

1.2.4 Support for plain- \TeX

The package can also be used with plain- \TeX . It defines the missing \LaTeX macros and loads package `keyval`. The configuration file is not supported and automatically loaded.

1.3 Hints for pdf \TeX

This section is out of date, because the encryption support was removed from pdf \TeX . Therefore this hints are of historical interest only.

- * There are packages such as `thumbpdf` that ship out some stuff (`\immediate\pdfobj{...}`). In these cases `\pdfcrypt` will be ignored without warning or error message. Therefore the package `pdfcrypt` should be loaded before and option “set” should be used in order to force the call of `\pdfcrypt`, for example:

```
\usepackage{pdfcrypt}
\pdfcryptsetup{..., set}
...
\usepackage{thumbpdf}
```
- * Compiling pdf \TeX (eg. version 1.00a-pretest-20010804):
pdf \TeX versions are available at
`ftp://ftp.cstug.cz/pub/tex/local/cstug/thanh/pdftex/snapshots/`
Unpack the latest .tgz file:

```
> tar xzf pdftex-20010804.tgz
```

Enable encryption support:

```
src> cd src/teck/web2c/pdftexdir
src/teck/web2c/pdftexdir> ln -fs pdfcrypt-full.c pdfcrypt.c
```

Compile:

```
src/teck/web2c/pdftexdir> cd ../../..
src> ./configure
src> cd teck/web2c
src/teck/web2c> make pdftexbin
```

At last install the binary and pool files.

2 Implementation

```
1 (*package)
```

2.1 Help macros for plain-TeX

```
2 \expandafter\edef\csname pc@endinput\endcsname{%
3   \catcode'\noexpand\@=\the\catcode'\@ \relax
4   \noexpand\endinput
5 }
6 \catcode'\@=11 %
7
8 \expandafter\ifx\csname @firstoftwo\endcsname\relax
9   \long\def\@firstoftwo#1#2{#1}%
10 \fi
11
12 \expandafter\ifx\csname @secondoftwo\endcsname\relax
13   \long\def\@secondoftwo#1#2{#2}%
14 \fi
15
16 \expandafter\ifx\csname @ifundefined\endcsname\relax
17   \def\@ifundefined#1{%
18     \expandafter\ifx\csname #1\endcsname\relax
19       \expandafter\@firstoftwo
20     \else
21       \expandafter\@secondoftwo
22     \fi
23   }%
24 \fi
25
26 \@ifundefined{ifnextchar}{%
27   \long\def@ifnextchar#1#2#3{%
28     \let\reserved@=#1%
29     \def\reserved@a{#2}%
30     \def\reserved@b{#3}%
31     \futurelet\@let@token\@ifnch
32   }%
33   \def\@ifnch{%
34     \ifx\@let@token\@sptoken
35       \let\reserved@c\@xifnch
36     \else
37       \ifx\@let@token\reserved@d
38         \let\reserved@c\reserved@a
39       \else
40         \let\reserved@c\reserved@b
41       \fi
42     \fi
43     \reserved@c
44   }%
45   \begingroup
46     \def\:{\global\let\@sptoken= }%
47     \: %
48     \def\:{\@xifnch}%
49     \expandafter\gdef\:{\futurelet\@let@token\@ifnch}%
50   \endgroup
51 }{}
52
53 \@ifundefined{ProvidesPackage}{%
54   \def\ProvidesPackage#1{%
55     \@ifnextchar[{\pc@ProvidesPackage{#1}}%
56               {\pc@ProvidesPackage{#1}[]}%
57   }%
58   \def\pc@ProvidesPackage#1[#2]{%
```

```

59 \immediate\write-1{Package: #1 #2}%
60 }%
61 }{}
62
63 \@ifundefined{PackageError}{%
64 \def\PackageError#1#2#3{%
65 \begingroup
66 \newlinechar=10 %
67 \errhelp{#3}%
68 \errmessage{%
69 \MessageBreak
70 Package #1 Error: #2.\MessageBreak
71 \MessageBreak
72 See the #1 package documentation for explanation.\MessageBreak
73 Type \space H <return> \space for immediate help%
74 }%
75 \endgroup
76 }%
77 }{}
78
79 \@ifundefined{PackageWarning}{%
80 \def\PackageWarning#1#2{%
81 \begingroup
82 \newlinechar=10 %
83 \def\MessageBreak{%
84 ^^J(#1)\@spaces\@spaces\@spaces\@spaces
85 }%
86 \immediate\write16{^^JPackage #1 Warning: #2\on@line.^^J}%
87 \endgroup
88 }%
89 }{}
90
91 \@ifundefined{PackageWarningNoLine}{%
92 \def\PackageWarningNoLine#1#2{%
93 \PackageWarning{#1}{#2@gobble}%
94 }%
95 }{}
96
97 \@ifundefined{@gobble}{%
98 \long\def@gobble#1{}%
99 }{}
100
101 \@ifundefined{on@line}{%
102 \def\on@line{ on input line \the\inputlineno}%
103 }{}
104
105 \@ifundefined{@empty}{%
106 \def@empty{}%
107 }{}

```

2.2 Package Identification and checks

```

108 \ProvidesPackage{pdfcrypt}%
109 [2007/04/11 v0.9 Setting pdf encryption (H0)]%
110 \@ifundefined{pdfcryptsetup}{%
111 \let\pdfcryptsetup@gobble
112 }{}
113 \PackageWarningNoLine{pdfcrypt}{Package pdfcrypt is already loaded}%
114 \pc@endinput
115 }

Support for \nopdfcrypt.
116 \newif\ifpc@nopdfcrypt
117 \ifx Y\nopdfcrypt

```

```

118 \PackageWarningNoLine{pdfcrypt}{%
119   Encryption disabled by \string \nopdfcrypt\space request%
120 }%
121 \global\pc@nopdfcrypttrue
122 \fi

```

2.3 Driver detection

```

123 \let\pc@driver\@empty
124 \begingroup
125   % pdfTeX detection
126   \@ifundefined{pdfoutput}{%
127   }{%
128     \ifcase\pdfoutput
129     \else
130       \@ifundefined{pdfcrypt}{%
131       \PackageError{pdfcrypt}{%
132         PDF encryption is not supported with this pdfTeX%
133       }{%
134         Encryption support was added in 0.14h (2001/03/10)\MessageBreak
135         and removed in 1.10a (2003/01/16).%
136       }%
137       \endgroup
138       \pc@endinput
139     }{%
140       \gdef\pc@driver{pdftex}%
141     }%
142   \fi
143 }%
144 % VTeX detection
145 \@ifundefined{OpMode}{%
146 }{%
147   \ifnum\OpMode=1 %
148     \ifnum\@ifundefined{VTeXversion}0\VTeXversion<735 %
149     \PackageError{pdfcrypt}{%
150       PDF encryption is not supported with this VTeX%
151     }{%
152       You need VTeX 7.35 or higher.%
153     }%
154     \endgroup
155     \pc@endinput
156   \else
157     \gdef\pc@driver{vtex}%
158   \fi
159 \fi
160 }%
161 \endgroup

```

2.4 Load package keyval

```

162 \@ifundefined{@makeother}{%
163   \def\@makeother#1{\catcode'#1=12\relax}%
164 }{}
165
166 \@ifundefined{g@addto@macro}{%
167   \long\def\g@addto@macro#1#2{%
168     \begingroup
169       \toks@\expandafter{#1#2}%
170       \xdef#1{\the\toks@}%
171     \endgroup
172   }%
173 }{}
174
175 \@ifundefined{@namedef}{%

```

```

176 \def\@namedef#1{\expandafter\def\csname#1\endcsname}%
177 }{}
178
179 \@ifundefined{@nameuse}{%
180 \def\@nameuse#1{\csname #1\endcsname}%
181 }{}
182
183 \@ifundefined{MessageBreak}{%
184 \def\MessageBreak{^^J}%
185 }{}
186
187 \@ifundefined{@ehc}{%
188 \def\@ehc{%
189 Try typing \space <return> \space to proceed.\MessageBreak
190 If that doesn't work, type \space X <return> \space
191 to quit.%
192 }%
193 }{}
194
195 \@ifundefined{PackageInfo}{%
196 \def\PackageInfo#1#2{%
197 \begingroup
198 \newlinechar=10 %
199 \def\MessageBreak{%
200 ^^J(#1) \space\@spaces\@spaces\@spaces
201 }%
202 \wlog{Package #1 Info: #2}%
203 \endgroup
204 }%
205 }{}
206
207 \@ifundefined{@spaces}{%
208 \def\@spaces{\space\space\space\space}%
209 }{}
210
211 \def\pc@KeyvalRestore{%
212 \let\pc@KeyvalRestore\undefined
213 }
214
215 \let\pcOrg@NeedsTeXFormat\NeedsTeXFormat
216 \@ifundefined{NeedsTeXFormat}{%
217 \def\NeedsTeXFormat#1{%
218 \g@addto@macro\pc@KeyvalRestore{%
219 \let\NeedsTeXFormat\pcOrg@NeedsTeXFormat
220 }%
221 }{}
222
223 \let\pcOrg@DeclareOption\DeclareOption
224 \@ifundefined{DeclareOption}{%
225 \def\DeclareOption#1#2{#2}%
226 \g@addto@macro\pc@KeyvalRestore{%
227 \let\DeclareOption\pcOrg@DeclareOption
228 }%
229 }{}
230
231 \let\pcOrg@ExecuteOptions\ExecuteOptions
232 \@ifundefined{ExecuteOptions}{%
233 \def\ExecuteOptions#1{%
234 \g@addto@macro\pc@KeyvalRestore{%
235 \let\ExecuteOptions\pcOrg@ExecuteOptions
236 }%
237 }{}

```

```

238
239 \let\pcOrg@ProcessOptions\ProcessOptions
240 \@ifundefined{ProcessOptions}{%
241   \def\ProcessOptions{%
242     \g@addto@macro\pc@KeyvalRestore{%
243       \let\ProcessOptions\pcOrg@ProcessOptions
244     }%
245   }{}%
246
247 \beginingroup\expandafter\expandafter\expandafter\endgroup
248 \expandafter\ifx\csname RequirePackage\endcsname\relax
249   \input keyval.sty\relax
250 \else
251   \RequirePackage{keyval}%
252 \fi
253 \pc@KeyvalRestore

```

2.5 Define options

```

254 \@ifundefined{@dblarg}{%
255   \long\def\@dblarg#1{\@ifnextchar[{\#1}{\@xdblarg{\#1}}}%
256   \long\def\@xdblarg#1#2{\#1[\#2]{\#2}}%
257 }{}
258
259 \newif\ifpc@set
260 \newif\ifpc@print
261 \newif\ifpc@copy
262 \newif\ifpc@edit
263 \newif\ifpc@annotate
264 \newif\ifpc@debug
265 \let\pc@owner\@empty
266 \let\pc@user\@empty
267
268 % default: allow all
269 \pc@printtrue
270 \pc@copytrue
271 \pc@edittrue
272 \pc@annotatetrue
273
274 \edef\pc@temp{\catcode'\noexpand\!="\the\catcode'\'\relax}
275 \makeoother\
276 \def\pc@set{%
277   \PackageInfo{pdfcrypt}{%
278     \ifpc@debug
279       \ifx\pc@owner\@empty
280         No owner password%
281       \else
282         Owner password: '\pc@owner'%
283       \fi
284     \MessageBreak
285     \ifx\pc@user\@empty
286       No user password%
287     \else
288       User password: '\pc@user'%
289     \fi
290     \MessageBreak
291     Flags: %
292     \ifpc@print \else no\fi print, %
293     \ifpc@copy \else no\fi copy, %
294     \ifpc@edit \else no\fi edit, %
295     \ifpc@annotate\else no\fi annotate%
296     \MessageBreak
297   \fi

```



```

298 \ifpc@nopdfcrypt
299 Encryption is disabled by '\string\nopdfcrypt'%
300 \else
301 Encryption is set for '\pc@driver'%
302 \fi
303 }%
304 \ifpc@nopdfcrypt
305 \else
306 \@ifundefined{pc@set@\pc@driver}{%
307 \ifx\pc@driver\@empty
308 \PackageError{pdfcrypt}{No driver for encryption %
309 support found}\@ehc
310 \else
311 \PackageError{pdfcrypt}{Cannot set encryption for %
312 unknown driver '\pc@driver'}\@ehc
313 \fi
314 }{%
315 \@nameuse{pc@set@\pc@driver}%
316 }%
317 \fi
318 }
319 \def\pc@set@pdftex{%
320 \ifnum\pdftexversion<100 %
321 \pc@set@pdftexold
322 \else
323 \pc@set@pdftexnew
324 \fi
325 }
326 \def\pc@set@pdftexold{%
327 \pdfcrypt{%
328 owner "\pc@owner" %
329 user "\pc@user" %
330 \ifpc@print \else no\fi print %
331 \ifpc@copy \else no\fi copy %
332 \ifpc@edit \else no\fi edit %
333 \ifpc@annotate\else no\fi annotate%
334 }%
335 }
336 \def\pc@set@pdftexnew{%
337 \pdfcrypt
338 owner{\pc@owner}%
339 user{\pc@user}%
340 \ifpc@print \else no\fi print %
341 \ifpc@copy \else no\fi copy %
342 \ifpc@edit \else no\fi edit %
343 \ifpc@annotate\else no\fi annotate%
344 \relax
345 }
346 \def\pc@set@vtex{%
347 \immediate\special{!security %
348 O=\pc@MakeVTeXString\pc@owner,%
349 U=\pc@MakeVTeXString\pc@user,%
350 P\ifpc@print +\else -\fi,%
351 C\ifpc@copy +\else -\fi,%
352 M\ifpc@edit +\else -\fi,%
353 A\ifpc@annotate +\else -\fi
354 }%
355 }
356 \def\pc@MakeVTeXString#1{%
357 "\expandafter\pc@@MakeVTeXString#1"\@nil"%
358 }
359 \def\pc@@MakeVTeXString#1"#2\@nil{%

```

```

360 #1%
361 \ifx\#2\%
362 \else
363 ""%
364 \@ReturnAfterFi{%
365 \pc@@MakeTeXString#2\@nil
366 }%
367 \fi
368 }
369 \long\def\@ReturnAfterFi#1\fi{\fi#1}
370 \pc@temp
371
372 \begingroup
373 \catcode'\ =12 \gdef\pc@spaceother{ }\catcode'\ =10\relax
374 \catcode'\| =0 %
375 \catcode'\ =12 %
376 \gdef\pc@DefString#1#2{%
377 |def#1{#2}%
378 |edef#1{|expandafter|strip@prefix|meaning#1}%
379 |edef#1{|expandafter|pc@SpaceToOther#1 |@nil}%
380 |edef#1{|expandafter|pc@EscapeRemove#1|@empty|@empty|@nil}%
381 }%
382 \gdef\pc@EscapeRemove#1\#2#3|@nil{%
383 #1#2%
384 \ifx\#3\%
385 \else
386 \@ReturnAfterFi{%
387 \pc@EscapeRemove#3|@nil
388 }%
389 \fi
390 }%
391 \endgroup
392 \def\pc@SpaceToOther#1 #2\@nil{%
393 #1%
394 \ifx\#2\%
395 \else
396 \pc@spaceother
397 \@ReturnAfterFi{%
398 \pc@SpaceToOther#2\@nil
399 }%
400 \fi
401 }
402
403 \def\pc@boolkey{\@dblarg\pc@@boolkey}
404 \def\pc@@boolkey[#1]#2#3{%
405 \lowercase{\def\pc@temp{#3}}%
406 \ifx\pc@temp\@empty
407 \let\pc@temp\pc@true
408 \fi
409 \ifx\pc@temp\pc@true
410 \else
411 \ifx\pc@temp\pc@false
412 \else
413 \let\pc@temp\relax
414 \fi
415 \fi
416 \ifx\pc@temp\relax
417 \PackageWarning{pdfcrypt}{%
418 Unexpected value \string'#3\string' of %
419 option \string'#2\string'\MessageBreak
420 instead of %
421 \string'true\string' or \string'false\string'%

```

```

422     }%
423 \else
424     \csname pc@#2\pc@temp\endcsname
425 \fi
426 }
427 \def\pc@true{true}
428 \def\pc@false{false}
429
430 \define@key{pc}{set}[true]{%
431     \pc@boolkey{set}{#1}%
432 }
433 \define@key{pc}{pdftex}[]{%
434     \def\pc@driver{pdftex}%
435 }
436 \define@key{pc}{vtex}[]{%
437     \def\pc@driver{vtex}%
438 }
439 \define@key{pc}{print}[true]{%
440     \pc@boolkey{print}{#1}%
441 }
442 \define@key{pc}{copy}[true]{%
443     \pc@boolkey{copy}{#1}%
444 }
445 \define@key{pc}{edit}[true]{%
446     \pc@boolkey{edit}{#1}%
447 }
448 \define@key{pc}{annotate}[true]{%
449     \pc@boolkey{annotate}{#1}%
450 }
451 \define@key{pc}{all}[]{%
452     \pc@boolkey{print}{true}%
453     \pc@boolkey{copy}{true}%
454     \pc@boolkey{edit}{true}%
455     \pc@boolkey{annotate}{true}%
456 }
457 \define@key{pc}{none}[]{%
458     \pc@boolkey{print}{false}%
459     \pc@boolkey{copy}{false}%
460     \pc@boolkey{edit}{false}%
461     \pc@boolkey{annotate}{false}%
462 }
463
464 \define@key{pc}{owner}{%
465     \pc@DefString\pc@owner{#1}%
466 }
467 \define@key{pc}{user}{%
468     \pc@DefString\pc@user{#1}%
469 }
470 \define@key{pc}{debug}[true]{%
471     \pc@boolkey{debug}{#1}%
472 }
473
474 \def\pdfcryptsetup#1{%
475     \setkeys{pc}{#1}%
476     \ifpc@set
477         \pc@set
478         \global\let\pc@set\relax
479     \gdef\pdfcryptsetup##1{%
480         \PackageWarning{pdfcrypt}{%
481             Encryption options are already set\MessageBreak
482             new values are ignored%
483         }%

```

```

484 }%
485 \fi
486 }
487 \begingroup\expandafter\expandafter\expandafter\endgroup
488 \expandafter\ifx\csname @onlypreamble\endcsname\relax
489 \else
490 \@onlypreamble\pdfcryptsetup
491 \fi

```

2.6 support of configuration file

```

492 \begingroup\expandafter\expandafter\expandafter\endgroup
493 \expandafter\ifx\csname InputIfFileExists\endcsname\relax
494 \PackageInfo{pdfcrypt}{%
495 Configuration file pdfcrypt.cfg not supported.%
496 }%
497 \else
498 \let\pc@ExecuteOptions\ExecuteOptions
499 \InputIfFileExists{pdfcrypt.cfg}{\}%
500 \let\ExecuteOptions\pc@ExecuteOptions
501 \fi

```

2.7 Package options

Plain format does not know package options.

```

502 \begingroup\expandafter\expandafter\expandafter\endgroup
503 \expandafter\ifx\csname @classoptionslist\endcsname\relax
504 \expandafter\pc@endinput
505 \fi

```

Process global and local options.

```

506 \def\pc@ProcessOptionsWithKV{%
507 \let\pc@temp\@empty
508 \@for\CurrentOption:=\@classoptionslist\do{%
509 \@ifundefined{KV@pc@\CurrentOption}{\}%
510 \edef\pc@temp{\pc@temp,\CurrentOption,}%
511 \@expandtwoargs\@removeelement\CurrentOption
512 \@unusedoptionlist\@unusedoptionlist
513 }%
514 }%
515 \edef\pc@temp{%
516 \noexpand\pdfcryptsetup{%
517 \pc@temp\@optionlist{\@currname.\@currentx}%
518 }%
519 }%
520 \pc@temp
521 }
522 \pc@ProcessOptionsWithKV
523 \AtEndOfPackage{\let\@unprocessedoptions\relax}
524 \AtBeginDocument{\pc@set}
525
526 \pc@endinput
527 \</package>

```

3 Installation

3.1 Download

Package. This package is available on CTAN²:

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

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

²[ftp://ftp.ctan.org/tex-archive/](http://ftp.ctan.org/tex-archive/)

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:macros/latex/contrib/oberdiek/oberdiek-tds.zip

3.2 Bundle installation

Unpacking. Unpack the oberdiek-tds.zip in the TDS tree (also known as 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 attachfile2 comes with the Perl script pdfatfi.pl that should be installed in such a way that it can be called as pdfatfi. Example (linux):

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

3.3 Package installation

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

```
tex pdfcrypt.dtx
```

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

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

3.4 Refresh file name databases

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

3.5 Some details for the interested

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

```
pdftk pdfcrypt.pdf unpack_files output .
```

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

plain-TeX: 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{pdfcrypt.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 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 pdfcrypt.dtx
makeindex -s gind.ist pdfcrypt.idx
pdflatex pdfcrypt.dtx
makeindex -s gind.ist pdfcrypt.idx
pdflatex pdfcrypt.dtx
```

4 History

[2001/04/02 v0.1]

- First public version, published in the pdftex mailing list for testing with pdfcrypt-20010331

[2001/07/19 v0.2]

- Default: all allowed.
- Support for V_TE_X added.

[2001/07/19 v0.3]

- Bug fix: V_TE_X letter for edit is M (modify).

[2001/07/19 v0.4]

- Bug fix: `\VTeXversion` is correct after regenerating the format file.

[2001/08/05 v0.5]

- Syntax change in pdfT_EX 1.00a.

[2001/08/09 v0.6]

- Support of special characters:
input: `\{, \}, \` for `{, }, \`
output: " in V_TE_X
- Option debug added.

[2001/10/28 v0.7]

- Plain compatibility.
- `\nopdfcrypt` added.
- Typos corrected.

[2006/02/20 v0.8]

- Obsolete remarks for pdfT_EX.
- DTX framework.
- LPPL 1.3

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

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