

# The pdfcrypt package

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## Abstract

This package supports the setting of pdf encryption options for V<sub>T</sub><sub>E</sub>X and some older versions of pdf<sub>T</sub><sub>E</sub>X.

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# 1 Documentation

This package allows the setting of pdf encryption options for

- V<sub>T</sub>E<sub>X</sub>, since version 7.35, <http://www.micropress-inc.com/>.
- pdf<sub>T</sub>E<sub>X</sub>, patched by Ricardo Sanchez Carmenes<sup>1</sup>.  
Some supported versions are:

pdf<sub>T</sub>E<sub>X</sub>-1.00a,  
pdf<sub>T</sub>E<sub>X</sub>-0.14h-pdfcrypt-20010310,  
pdfcrypt-20010331

**Note:** Since pdf<sub>T</sub>E<sub>X</sub>-1.10a (2003-01-16) encryption support was dropped! Thus the package is now obsolete for recent pdf<sub>T</sub>E<sub>X</sub> 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}
```

---

<sup>1</sup>Ricardo Sanchez Carmenes's email address: [carmenes@bioquimica.uniovi.es](mailto: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  $\text{\TeX}$  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- $\text{\TeX}$

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

## 1.3 Hints for pdf $\text{\TeX}$

This section is out of date, because the encryption support was removed from pdf $\text{\TeX}$ . 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 $\text{\TeX}$  (eg. version 1.00a-pretest-20010804):  
pdf $\text{\TeX}$  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 [2006/02/20 v0.8 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 \begingroup\expandafter\expandafter\expandafter\endgroup
248 \expandafter\ifx\csname RequirePackage\endcsname\relax
249   \input keyval.sty
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'\noexpand\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 CTAN<sup>2</sup>:

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

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

---

<sup>2</sup>[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<sup>A</sup>T<sub>E</sub>X.** The .dtx chooses its action depending on the format:

**plain-TeX:** Run docstrip and extract the files.

**L<sup>A</sup>T<sub>E</sub>X:** Generate the documentation.

If you insist on using L<sup>A</sup>T<sub>E</sub>X for docstrip (really, docstrip does not need L<sup>A</sup>T<sub>E</sub>X), 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<sup>A</sup>T<sub>E</sub>X:

```
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<sub>T</sub>E<sub>X</sub> added.

### [2001/07/19 v0.3]

- Bug fix: V<sub>T</sub>E<sub>X</sub> 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<sub>E</sub>X 1.00a.

### [2001/08/09 v0.6]

- Support of special characters:  
input: `\{, \}, \\` for `{, }, \`  
output: " in V<sub>T</sub>E<sub>X</sub>
- Option debug added.

### [2001/10/28 v0.7]

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

### [2006/02/20 v0.8]

- Obsolete remarks for pdfT<sub>E</sub>X.
- DTX framework.
- LPPL 1.3

## 5 Index

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