

# The pdfcrypt package

Heiko Oberdiek\*

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## Abstract

This package supports the setting of pdf encryption options for V $\text{\TeX}$  and some older versions of pdf $\text{\TeX}$ .

## Contents

<b>1</b>	<b>Documentation</b>	<b>2</b>
1.1	Alternatives . . . . .	2
1.2	Usage . . . . .	2
1.2.1	Special characters . . . . .	3
1.2.2	<code>\nopdfcrypt</code> . . . . .	3
1.2.3	Configuration file . . . . .	3
1.2.4	Support for plain $\text{\TeX}$ . . . . .	3
1.3	Hints for pdf $\text{\TeX}$ . . . . .	3
<b>2</b>	<b>Implementation</b>	<b>4</b>
2.1	Help macros for plain $\text{\TeX}$ . . . . .	4
2.2	Package Identification and checks . . . . .	5
2.3	Driver detection . . . . .	6
2.4	Load package <code>keyval</code> . . . . .	6
2.5	Define options . . . . .	7
2.6	support of configuration file . . . . .	12
2.7	Package options . . . . .	12
<b>3</b>	<b>Installation</b>	<b>12</b>
3.1	Download . . . . .	12
3.2	Bundle installation . . . . .	13
3.3	Package installation . . . . .	13
3.4	Refresh file name databases . . . . .	13
3.5	Some details for the interested . . . . .	13
<b>4</b>	<b>History</b>	<b>14</b>
	[2001/04/02 v0.1] . . . . .	14
	[2001/07/19 v0.2] . . . . .	14
	[2001/07/19 v0.3] . . . . .	14
	[2001/07/19 v0.4] . . . . .	14
	[2001/08/05 v0.5] . . . . .	14
	[2001/08/09 v0.6] . . . . .	14
	[2001/10/28 v0.7] . . . . .	14
	[2006/02/20 v0.8] . . . . .	15

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

[2007/04/11 v0.9]	15
[2007/04/26 v1.0]	15
[2016/05/16 v1.1]	15
<b>5 Index</b>	<b>15</b>

# 1 Documentation

This package allows the setting of pdf encryption options for

- VTeX, since version 7.35, <http://www.micropress-inc.com/>.
- pdfTeX, patched by Ricardo Sanchez Carmenes<sup>1</sup>.  
Some supported versions are:

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

**Note:** Since pdfTeX-1.10a (2003-01-16) encryption support was dropped! Thus the package is now obsolete for recent pdfTeX 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}
```

---

<sup>1</sup>Ricardo Sanchez Carmenes's email address: [carmenes@bioquimica.uniovi.es](mailto:carmenes@bioquimica.uniovi.es)

or

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

### 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 pdfTeX (eg. version 1.00a-pretest-20010804):
pdfTeX 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/teXk/web2c/pdftexdir
  src/teXk/web2c/pdftexdir> ln -fs pdfcrypt-full.c pdfcrypt.c
Compile:
  src/teXk/web2c/pdftexdir> cd ../../..
  src> ./configure
  src> cd teXk/web2c
  src/teXk/web2c> make pdftexbin
At last install the binary and pool files.

```

## 2 Implementation

```
1 \*package)
```

### 2.1 Help macros for plain T<sub>E</sub>X

```

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@d=#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 \begingroup\expandafter\expandafter\expandafter\endgroup
64 \expandafter\ifx\csname RequirePackage\endcsname\relax
65   \input infwarerr.sty\relax
66 \else
67   \RequirePackage{infwarerr}%
68 \fi
69
70 \@ifundefined{@gobble}{%
71   \long\def@gobble#1{}%
72 }{}
73
74 \@ifundefined{@empty}{%
75   \def@empty{}%
76 }{}

```

## 2.2 Package Identification and checks

```

77 \ProvidesPackage{pdfcrypt}%
78 [2016/05/16 v1.1 Allows the setting of PDF encryption (H0)]%
79 \@ifundefined{pdfcryptsetup}{%
80   \let\pdfcryptsetup@gobble
81 }{}%
82 \@PackageWarningNoLine{pdfcrypt}{Package pdfcrypt is already loaded}%
83 \pc@endinput
84 }

```

Support for \nopdfcrypt.

```

85 \newif\ifpc@nopdfcrypt
86 \ifx Y\nopdfcrypt
87   \@PackageWarningNoLine{pdfcrypt}{%
88     Encryption disabled by \string \nopdfcrypt\space request%
89   }%
90   \global\pc@nopdfcrypttrue
91 \fi

```

## 2.3 Driver detection

```
92 \let\pc@driver\@empty
93 \begingroup
94 % pdfTeX detection
95 \@ifundefined{pdfoutput}{%
96 }{%
97   \ifcase\pdfoutput
98   \else
99     \@ifundefined{pdfcrypt}{%
100       \@PackageError{pdfcrypt}{%
101         PDF encryption is not supported with this pdfTeX%
102       }{%
103         Encryption support was added in 0.14h (2001/03/10)\MessageBreak
104         and removed in 1.10a (2003/01/16).%
105       }%
106     \endgroup
107     \pc@endinput
108   }{%
109     \gdef\pc@driver{pdftex}%
110   }%
111 \fi
112 }%
113 % VTeX detection
114 \@ifundefined{OpMode}{%
115 }{%
116   \ifnum\OpMode=1 %
117     \ifnum\@ifundefined{VTeXversion}0\VTeXversion<735 %
118       \@PackageError{pdfcrypt}{%
119         PDF encryption is not supported with this VTeX%
120       }{%
121         You need VTeX 7.35 or higher.%
122       }%
123     \endgroup
124     \pc@endinput
125   \else
126     \gdef\pc@driver{vtex}%
127   \fi
128 \fi
129 }%
130 \endgroup
```

## 2.4 Load package keyval

```
131 \@ifundefined{@makeother}{%
132   \def\@makeother#1{\catcode'#1=12\relax}%
133 }{}
134
135 \@ifundefined{g@addto@macro}{%
136   \long\def\g@addto@macro#1#2{%
137     \begingroup
138     \toks@\expandafter{#1#2}%
139     \xdef#1{\the\toks@}%
140   \endgroup
141   }%
142 }{}
143
144 \@ifundefined{@namedef}{%
145   \def\@namedef#1{\expandafter\def\csname#1\endcsname}%
146 }
```

```

146 }{}
147
148 \@ifundefined{@nameuse}{%
149   \def\@nameuse#1{\csname #1\endcsname}%
150 }{}
151
152 \def\pc@KeyvalRestore{%
153   \let\pc@KeyvalRestore\@undefined
154 }
155
156 \let\pcOrg@NeedsTeXFormat\NeedsTeXFormat
157 \@ifundefined{NeedsTeXFormat}{%
158   \def\NeedsTeXFormat#1{%
159     \g@addto@macro\pc@KeyvalRestore{%
160       \let\NeedsTeXFormat\pcOrg@NeedsTeXFormat
161     }%
162 }{}
163
164 \let\pcOrg@DeclareOption\DeclareOption
165 \@ifundefined{DeclareOption}{%
166   \def\DeclareOption#1#2{#2}%
167   \g@addto@macro\pc@KeyvalRestore{%
168     \let\DeclareOption\pcOrg@DeclareOption
169   }%
170 }{}
171
172 \let\pcOrg@ExecuteOptions\ExecuteOptions
173 \@ifundefined{ExecuteOptions}{%
174   \def\ExecuteOptions#1{%
175     \g@addto@macro\pc@KeyvalRestore{%
176       \let\ExecuteOptions\pcOrg@ExecuteOptions
177     }%
178 }{}
179
180 \let\pcOrg@ProcessOptions\ProcessOptions
181 \@ifundefined{ProcessOptions}{%
182   \def\ProcessOptions{%
183     \g@addto@macro\pc@KeyvalRestore{%
184       \let\ProcessOptions\pcOrg@ProcessOptions
185     }%
186 }{}%
187
188 \begingroup\expandafter\expandafter\expandafter\endgroup
189 \expandafter\ifx\csname RequirePackage\endcsname\relax
190   \input keyval.sty\relax
191 \else
192   \RequirePackage{keyval}%
193 \fi
194 \pc@KeyvalRestore

```

## 2.5 Define options

```

195 \@ifundefined{@dblarg}{%
196   \long\def\@dblarg#1{\@ifnextchar[{\#1}{\@xdblarg{\#1}}}%
197   \long\def\@xdblarg#1#2{#1[{\#2}]{\#2}}%
198 }{}
199
200 \newif\ifpc@set
201 \newif\ifpc@print

```

```

202 \newif\ifpc@copy
203 \newif\ifpc@edit
204 \newif\ifpc@annotate
205 \newif\ifpc@debug
206 \let\pc@owner\@empty
207 \let\pc@user\@empty
208
209 % default: allow all
210 \pc@printtrue
211 \pc@copytrue
212 \pc@edittrue
213 \pc@annotatetrue
214
215 \edef\pc@temp{\catcode'\noexpand\"=\the\catcode'\relax}
216 \makeoother\"
217 \def\pc@set{%
218   \@PackageInfo{pdfcrypt}{%
219     \ifpc@debug
220       \ifx\pc@owner\@empty
221         No owner password%
222       \else
223         Owner password: '\pc@owner'%
224       \fi
225       \MessageBreak
226       \ifx\pc@user\@empty
227         No user password%
228       \else
229         User password: '\pc@user'%
230       \fi
231       \MessageBreak
232       Flags: %
233       \ifpc@print   \else no\fi print, %
234       \ifpc@copy    \else no\fi copy, %
235       \ifpc@edit    \else no\fi edit, %
236       \ifpc@annotate\else no\fi annotate%
237       \MessageBreak
238     \fi
239     \ifpc@nopdfcrypt
240       Encryption is disabled by '\string\nopdfcrypt'%
241     \else
242       Encryption is set for '\pc@driver'%
243     \fi
244   }%
245   \ifpc@nopdfcrypt
246   \else
247     \@ifundefined{pc@set@\pc@driver}{%
248       \ifx\pc@driver\@empty
249         \@PackageError{pdfcrypt}{No driver for encryption %
250           support found}\@ehc
251       \else
252         \@PackageError{pdfcrypt}{Cannot set encryption for %
253           unknown driver '\pc@driver'}\@ehc
254       \fi
255     }{%
256       \@nameuse{pc@set@\pc@driver}%
257     }%
258   \fi
259 }

```



```

260 \def\pc@set@pdftex{%
261   \ifnum\pdftexversion<100 %
262     \pc@set@pdftexold
263   \else
264     \pc@set@pdftexnew
265   \fi
266 }
267 \def\pc@set@pdftexold{%
268   \pdfcrypt{%
269     owner "\pc@owner" %
270     user "\pc@user" %
271     \ifpc@print   \else no\fi print %
272     \ifpc@copy    \else no\fi copy %
273     \ifpc@edit    \else no\fi edit %
274     \ifpc@annotate\else no\fi annotate%
275   }%
276 }
277 \def\pc@set@pdftexnew{%
278   \pdfcrypt
279   owner{\pc@owner}%
280   user{\pc@user}%
281   \ifpc@print   \else no\fi print %
282   \ifpc@copy    \else no\fi copy %
283   \ifpc@edit    \else no\fi edit %
284   \ifpc@annotate\else no\fi annotate%
285   \relax
286 }
287 \def\pc@set@vtex{%
288   \immediate\special{!security %
289     O=\pc@MakeVTeXString\pc@owner,%
290     U=\pc@MakeVTeXString\pc@user,%
291     P\ifpc@print +\else -\fi,%
292     C\ifpc@copy +\else -\fi,%
293     M\ifpc@edit +\else -\fi,%
294     A\ifpc@annotate +\else -\fi
295   }%
296 }
297 \def\pc@MakeVTeXString#1{%
298   "\expandafter\pc@@MakeVTeXString#1"@nil"
299 }
300 \def\pc@@MakeVTeXString#1"#2@nil{%
301   #1%
302   \ifx\\#2\\%
303     \else
304       "%
305       \@ReturnAfterFi{%
306         \pc@@MakeVTeXString#2@nil
307       }%
308     \fi
309 }
310 \long\def\@ReturnAfterFi#1\fi{\fi#1}
311 \pc@temp
312
313 \begingroup
314   \catcode'\ =12 \gdef\pc@spaceother{ }\catcode'\ =10\relax
315   \catcode'\|=0 %
316   \catcode'\|=12 %
317   \gdef\pc@DefString#1#2{%

```

```

318 |def#1{#2}%
319 |edef#1{|expandafter|strip@prefix|meaning#1}%
320 |edef#1{|expandafter|pc@SpaceToOther#1 |@nil}%
321 |edef#1{|expandafter|pc@EscapeRemove#1|@empty|@empty|@nil}%
322 }%
323 |gdef|pc@EscapeRemove#1\#2#3|@nil{%
324 #1#2%
325 |ifx|\#3|\%%
326 |else
327 |@ReturnAfterFi{%
328 |pc@EscapeRemove#3|@nil
329 }%
330 |fi
331 }%
332 |endgroup
333 \def\pc@SpaceToOther#1 #2\@nil{%
334 #1%
335 \ifx\#2\%
336 \else
337 \pc@spaceother
338 \@ReturnAfterFi{%
339 \pc@SpaceToOther#2\@nil
340 }%
341 \fi
342 }
343
344 \def\pc@boolkey{\@dblarg\pc@@boolkey}
345 \def\pc@@boolkey[#1]#2#3{%
346 \lowercase{\def\pc@temp{#3}}%
347 \ifx\pc@temp\@empty
348 \let\pc@temp\pc@true
349 \fi
350 \ifx\pc@temp\pc@true
351 \else
352 \ifx\pc@temp\pc@false
353 \else
354 \let\pc@temp\relax
355 \fi
356 \fi
357 \ifx\pc@temp\relax
358 \@PackageWarning{pdfcrypt}{%
359 Unexpected value \string'#3\string' of %
360 option \string'#2\string'\MessageBreak
361 instead of %
362 \string'true\string' or \string'false\string'%
363 }%
364 \else
365 \csname pc@#2\pc@temp\endcsname
366 \fi
367 }
368 \def\pc@true{true}
369 \def\pc@false{false}
370
371 \define@key{pc}{set}[true]{%
372 \pc@boolkey{set}{#1}%
373 }
374 \define@key{pc}{pdftex}[]{%
375 \def\pc@driver{pdftex}%

```

```

376 }
377 \define@key{pc}{vtex}[] {%
378   \def\pc@driver{vtex}%
379 }
380 \define@key{pc}{print}[true] {%
381   \pc@boolkey{print}{#1}%
382 }
383 \define@key{pc}{copy}[true] {%
384   \pc@boolkey{copy}{#1}%
385 }
386 \define@key{pc}{edit}[true] {%
387   \pc@boolkey{edit}{#1}%
388 }
389 \define@key{pc}{annotate}[true] {%
390   \pc@boolkey{annotate}{#1}%
391 }
392 \define@key{pc}{all}[] {%
393   \pc@boolkey{print}{true}%
394   \pc@boolkey{copy}{true}%
395   \pc@boolkey{edit}{true}%
396   \pc@boolkey{annotate}{true}%
397 }
398 \define@key{pc}{none}[] {%
399   \pc@boolkey{print}{false}%
400   \pc@boolkey{copy}{false}%
401   \pc@boolkey{edit}{false}%
402   \pc@boolkey{annotate}{false}%
403 }
404
405 \define@key{pc}{owner} {%
406   \pc@DefString\pc@owner{#1}%
407 }
408 \define@key{pc}{user} {%
409   \pc@DefString\pc@user{#1}%
410 }
411 \define@key{pc}{debug}[true] {%
412   \pc@boolkey{debug}{#1}%
413 }
414
415 \def\pdfcryptsetup#1 {%
416   \setkeys{pc}{#1}%
417   \ifpc@set
418     \pc@set
419     \global\let\pc@set\relax
420     \gdef\pdfcryptsetup##1 {%
421       \@PackageWarning{pdfcrypt} {%
422         Encryption options are already set\MessageBreak
423         new values are ignored%
424       }%
425     }%
426   \fi
427 }
428 \begingroup\expandafter\expandafter\expandafter\endgroup
429 \expandafter\ifx\csname @onlypreamble\endcsname\relax
430 \else
431   \@onlypreamble\pdfcryptsetup
432 \fi

```

## 2.6 support of configuration file

```
433 \begingroup\expandafter\expandafter\expandafter\endgroup
434 \expandafter\ifx\csname InputIfFileExists\endcsname\relax
435   \@PackageInfo{pdfcrypt}{%
436     Configuration file pdfcrypt.cfg not supported.%
437   }%
438 \else
439   \let\pc@ExecuteOptions\ExecuteOptions
440   \InputIfFileExists{pdfcrypt.cfg}{-}{-}%
441   \let\ExecuteOptions\pc@ExecuteOptions
442 \fi
```

## 2.7 Package options

Plain format does not know package options.

```
443 \begingroup\expandafter\expandafter\expandafter\endgroup
444 \expandafter\ifx\csname @classoptionslist\endcsname\relax
445   \expandafter\pc@endinput
446 \fi
```

Process global and local options.

```
447 \def\pc@ProcessOptionsWithKV{%
448   \let\pc@temp\@empty
449   \@for\CurrentOption:=\@classoptionslist\do{%
450     \ifundefined{KV\pc@\CurrentOption}{-}{%
451       \edef\pc@temp{\pc@temp,\CurrentOption,%
452         \@expandtwoargs\@removeelement\CurrentOption
453         \@unusedoptionlist\@unusedoptionlist
454       }%
455     }%
456     \edef\pc@temp{%
457       \noexpand\pdfcryptsetup{%
458         \pc@temp\@optionlist{\@currname.\@current}%
459       }%
460     }%
461     \pc@temp
462 }
463 \pc@ProcessOptionsWithKV
464 \AtEndOfPackage{\let\@unprocessedoptions\relax}
465 \AtBeginDocument{\pc@set}
466
467 \pc@endinput
468 \</package>
```

# 3 Installation

## 3.1 Download

**Package.** This package is available on CTAN<sup>2</sup>:

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

[CTAN:macros/latex/contrib/oberdiek/pdfcrypt.pdf](https://ctan.org/ctan/ctan:macros/latex/contrib/oberdiek/pdfcrypt.pdf) Documentation.

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<sup>2</sup>[CTAN:pkg/pdfcrypt](https://ctan.org/ctan/ctan:pkg/pdfcrypt)

**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 T<sub>E</sub>X Files” ([CTAN:pkg/tds](#)). Directories with `texmf` in their name are usually organized this way.

## 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
```

## 3.3 Package installation

**Unpacking.** The `.dtx` file is a self-extracting `docstrip` archive. The files are extracted by running the `.dtx` through plain T<sub>E</sub>X:

```
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 T<sub>E</sub>X distribution (T<sub>E</sub>X Live, MiK<sub>T</sub><sub>E</sub>X, ...) relies on file name databases, you must refresh these. For example, T<sub>E</sub>X Live users run `texhash` or `mktextlsr`.

## 3.5 Some details for the interested

**Unpacking with L<sup>A</sup>T<sub>E</sub>X.** The `.dtx` chooses its action depending on the format:

**plain T<sub>E</sub>X:** 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

[2007/04/11 v0.9]

- Line ends sanitized.

[2007/04/26 v1.0]

- Use of package infwarerr.

[2016/05/16 v1.1]

- Documentation updates.

## 5 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.

Symbols		
\"	215, 216	\@nameuse . . . . . 149, 256
\#	323, 325	\@nil . . . . . 298, 300, 306, 333, 339
\%	325	\@onlypreamble . . . . . 431
\:	46, 47, 48, 49	\@optionlist . . . . . 458
\@	3, 6	\@removeelement . . . . . 452
\@PackageError	100, 118, 249, 252	\@secondoftwo . . . . . 13, 21
\@PackageInfo	218, 435	\@sptoken . . . . . 34, 46
\@PackageWarning	358, 421	\@undefined . . . . . 153
\@PackageWarningNoLine	82, 87	\@unprocessedoptions . . . . . 464
\@ReturnAfterFi	305, 310, 338	\@unusedoptionlist . . . . . 453
\@classoptionslist	449	\@xdblarg . . . . . 196, 197
\@currentx	458	\@xifnch . . . . . 35, 48
\@currname	458	\\ . . . . . 302, 316, 335
\@dblarg	196, 344	\  . . . . . 315, 321
\@ehc	250, 253	
\@empty	75, 92, 206, 207, 220, 226, 248, 347, 448	\_ . . . . . 314
\@expandtwoargs	452	
\@firstoftwo	9, 19	<b>A</b>
\@for	449	\AtBeginDocument . . . . . 465
\@gobble	71, 80	\AtEndOfPackage . . . . . 464
\@ifnch	31, 33, 49	
\@ifnextchar	27, 55, 196	<b>C</b>
\@ifundefined	17, 26, 53, 70, 74, 79, 95, 99, 114, 117, 131, 135, 144, 148, 157, 165, 173, 181, 195, 247, 450	\catcode . . . 3, 6, 132, 215, 314, 315, 316
\@let@token	31, 34, 37, 49	\csname . . . . . 2, 8, 12, 16, 18, 64, 145, 149, 189, 365, 429, 434, 444
\@makeoether	132, 216	\CurrentOption . . . . 449, 450, 451, 452
\@namedef	145	
		<b>D</b>
		\DeclareOption . . . . . 164, 166, 168
		\define@key 371, 374, 377, 380, 383, 386, 389, 392, 398, 405, 408, 411

\do	449	\pc@edittrue	212
		\pc@endinput	83, 107, 124, 445, 467
<b>E</b>		\pc@ExecuteOptions	439, 441
\endcsname	2, 8, 12, 16, 18, 64, 145, 149, 189, 365, 429, 434, 444	\pc@false	352, 369
\endinput	4	\pc@KeyvalRestore	
\ExecuteOptions	172, 174, 176, 439, 441		152, 153, 159, 167, 175, 183, 194
		\pc@MakeVTeXString	289, 290, 297
<b>F</b>		\pc@nopdfcrypttrue	90
\futurelet	31, 49	\pc@owner	
			206, 220, 223, 269, 279, 289, 406
<b>G</b>		\pc@printrtrue	210
\g@addto@macro	136, 159, 167, 175, 183	\pc@ProcessOptionsWithKV	447, 463
\gdef	49, 109, 126, 314, 420	\pc@ProvidesPackage	55, 56, 58
		\pc@set	217, 418, 419, 465
<b>I</b>		\pc@set@pdftex	260
\ifcase	97	\pc@set@pdftexnew	264, 277
\ifnum	116, 117, 261	\pc@set@pdftexold	262, 267
\ifpc@annotate	204, 236, 274, 284, 294	\pc@set@vtex	287
\ifpc@copy	202, 234, 272, 282, 292	\pc@spaceother	314, 337
\ifpc@debug	205, 219	\pc@SpaceToOther	333, 339
\ifpc@edit	203, 235, 273, 283, 293	\pc@temp	215, 311, 346, 347, 348, 350, 352, 354, 357, 365, 448, 451, 456, 458, 461
\ifpc@nopdfcrypt	85, 239, 245	\pc@true	348, 350, 368
\ifpc@print	201, 233, 271, 281, 291	\pc@user	207, 226, 229, 270, 280, 290, 409
\ifpc@set	200, 417	\pc@Org@DeclareOption	164, 168
\ifx	8, 12, 16, 18, 34, 37, 64, 86, 189, 220, 226, 248, 302, 335, 347, 350, 352, 357, 429, 434, 444	\pc@Org@ExecuteOptions	172, 176
\immediate	59, 288	\pc@Org@NeedsTeXFormat	156, 160
\input	65, 190	\pc@Org@ProcessOptions	180, 184
\InputIfFileExists	440	\pdfcrypt	268, 278
		\pdfcryptsetup	80, 415, 420, 431, 457
<b>L</b>		\pdfoutput	97
\lowercase	346	\pdftexversion	261
		\ProcessOptions	180, 182, 184
<b>M</b>		\ProvidesPackage	54, 77
\MessageBreak			
	103, 225, 231, 237, 360, 422	<b>R</b>	
		\RequirePackage	67, 192
<b>N</b>		\reserved@a	29, 38
\NeedsTeXFormat	156, 158, 160	\reserved@b	30, 40
\newif	85, 200, 201, 202, 203, 204, 205	\reserved@c	35, 38, 40, 43
\nopdfcrypt	86, 88, 240	\reserved@d	28, 37
<b>O</b>		<b>S</b>	
\OpMode	116	\setkeys	416
		\space	88
<b>P</b>		\special	288
\pc@@boolkey	344, 345		
\pc@@MakeVTeXString	298, 300, 306	<b>T</b>	
\pc@annotatetrue	213	\the	3, 139, 215
\pc@boolkey	344, 372, 381, 384, 387, 390, 393, 394, 395, 396, 399, 400, 401, 402, 412	\toks@	138, 139
\pc@copytrue	211		
\pc@DefString	406, 409	<b>V</b>	
\pc@driver	92, 109, 126, 242, 247, 248, 253, 256, 375, 378	\VTeXversion	117
		<b>W</b>	
		\write	59