The pdfcrypt package

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Abstract

This package supports the setting of pdf encryption options for VTEX and some older versions of pdfTEX.

Contents

1 Documentation **2**
1.1 Alternatives . . . 2
1.2 Usage . . . 2
1.2.1 Special characters . . . 3
1.2.2 \nopdfcrypt . . . 3
1.2.3 Configuration file . . . 3
1.2.4 Support for plain TEX . . . 3
1.3 Hints for pdfTEX . . . 3

2 Implementation **4**
2.1 Help macros for plain TEX . . . 4
2.2 Package Identification and checks . . . 5
2.3 Driver detection . . . 5
2.4 Load package keyval . . . 6
2.5 Define options . . . 7
2.6 support of configuration file . . . 11
2.7 Package options . . . 11

3 Installation **12**
3.1 Download . . . 12
3.2 Bundle installation . . . 12
3.3 Package installation . . . 12
3.4 Refresh file name databases . . . 12
3.5 Some details for the interested . . . 13

4 Catalogue **13**

5 History **14**
[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] . . . 14

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

[2007/04/11 v0.9] 14
[2007/04/26 v1.0] 15
[2016/05/16 v1.1] 15

6 Index **15**

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[1].
  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/softwares/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

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

```
\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 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 pdfTEX

This section is out of date, because the encryption support was removed from pdfTEX. 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 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@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}%
```

```
  \endgroup
}{}

\@ifundefined{ProvidesPackage}{%
  \def\ProvidesPackage#1{%
    \@ifnextchar[{\pc@ProvidesPackage{#1}}%
                 {\pc@ProvidesPackage{#1}[]}%
  }%
  \def\pc@ProvidesPackage#1[#2]{%
    \immediate\write-1{Package: #1 #2}%
  }%
}{}

\begingroup\expandafter\expandafter\expandafter\endgroup
\expandafter\ifx\csname RequirePackage\endcsname\relax
  \input infwarerr.sty\relax
\else
  \RequirePackage{infwarerr}%
\fi

\@ifundefined{@gobble}{%
  \long\def\@gobble#1{}%
}{}

\@ifundefined{@empty}{%
  \def\@empty{}%
}{}
```

2.2 Package Identification and checks

```
\ProvidesPackage{pdfcrypt}%
  [2016/05/16 v1.1 Allows the setting of PDF encryption (HO)]%

\@ifundefined{pdfcryptsetup}{%
  \let\pdfcryptsetup\@gobble
}{%
  \@PackageWarningNoLine{pdfcrypt}{Package pdfcrypt is already loaded}%
  \pc@endinput
}
```

Support for \nopdfcrypt.

```
\newif\ifpc@nopdfcrypt
\ifx Y\nopdfcrypt
  \@PackageWarningNoLine{pdfcrypt}{%
    Encryption disabled by \string \nopdfcrypt\space request%
  }%
  \global\pc@nopdfcrypttrue
\fi
```

2.3 Driver detection

```
\let\pc@driver\@empty
\begingroup
  % pdfTeX detection
  \@ifundefined{pdfoutput}{%
  }{%
    \ifcase\pdfoutput
    \else
      \@ifundefined{pdfcrypt}{%
        \@PackageError{pdfcrypt}{%
          PDF encryption is not supported with this pdfTeX%
        }{%
          Encryption support was added in 0.14h (2001/03/10)\MessageBreak
          and removed in 1.10a (2003/01/16).%
        }%
```

```
      \endgroup
      \pc@endinput
    }{%
      \gdef\pc@driver{pdftex}%
    }%
  \fi
 }%
 % VTeX detection
 \@ifundefined{OpMode}{%
 }{%
  \ifnum\OpMode=1 %
   \ifnum\@ifundefined{VTeXversion}0\VTeXversion<735 %
    \@PackageError{pdfcrypt}{%
     PDF encryption is not supported with this VTeX%
    }{%
     You need VTeX 7.35 or higher.%
    }%
    \endgroup
    \pc@endinput
   \else
    \gdef\pc@driver{vtex}%
   \fi
  \fi
 }%
\endgroup
```

2.4 Load package **keyval**

```
\@ifundefined{@makeother}{%
 \def\@makeother#1{\catcode`#1=12\relax}%
}{}

\@ifundefined{g@addto@macro}{%
 \long\def\g@addto@macro#1#2{%
  \begingroup
   \toks@\expandafter{#1#2}%
   \xdef#1{\the\toks@}%
  \endgroup
 }%
}{}

\@ifundefined{@namedef}{%
 \def\@namedef#1{\expandafter\def\csname#1\endcsname}%
}{}

\@ifundefined{@nameuse}{%
 \def\@nameuse#1{\csname #1\endcsname}%
}{}

\def\pc@KeyvalRestore{%
 \let\pc@KeyvalRestore\@undefined
}

\let\pcOrg@NeedsTeXFormat\NeedsTeXFormat
\@ifundefined{NeedsTeXFormat}{%
 \def\NeedsTeXFormat#1{}%
 \g@addto@macro\pc@KeyvalRestore{%
  \let\NeedsTeXFormat\pcOrg@NeedsTeXFormat
 }%
}{}

\let\pcOrg@DeclareOption\DeclareOption
\@ifundefined{DeclareOption}{%
```

```
  \def\DeclareOption#1#2{#2}%
  \g@addto@macro\pc@KeyvalRestore{%
    \let\DeclareOption\pcOrg@DeclareOption
  }%
}{}

\let\pcOrg@ExecuteOptions\ExecuteOptions
\@ifundefined{ExecuteOptions}{%
  \def\ExecuteOptions#1{}%
  \g@addto@macro\pc@KeyvalRestore{%
    \let\ExecuteOptions\pcOrg@ExecuteOptions
  }%
}{}

\let\pcOrg@ProcessOptions\ProcessOptions
\@ifundefined{ProcessOptions}{%
  \def\ProcessOptions{}%
  \g@addto@macro\pc@KeyvalRestore{%
    \let\ProcessOptions\pcOrg@ProcessOptions
  }%
}{}%

\begingroup\expandafter\expandafter\expandafter\endgroup
\expandafter\ifx\csname RequirePackage\endcsname\relax
  \input keyval.sty\relax
\else
  \RequirePackage{keyval}%
\fi
\pc@KeyvalRestore
```

2.5 Define options

```
\@ifundefined{@dblarg}{%
  \long\def\@dblarg#1{\@ifnextchar[{#1}{\@xdblarg{#1}}}%
  \long\def\@xdblarg#1#2{#1[{#2}]{#2}}%
}{}

\newif\ifpc@set
\newif\ifpc@print
\newif\ifpc@copy
\newif\ifpc@edit
\newif\ifpc@annotate
\newif\ifpc@debug
\let\pc@owner\@empty
\let\pc@user\@empty

% default: allow all
\pc@printtrue
\pc@copytrue
\pc@edittrue
\pc@annotatetrue

\edef\pc@temp{\catcode`\noexpand\"=\the\catcode`\"\relax}
\@makeother\"
\def\pc@set{%
  \@PackageInfo{pdfcrypt}{%
    \ifpc@debug
      \ifx\pc@owner\@empty
        No owner password%
      \else
        Owner password: `\pc@owner'%
      \fi
      \MessageBreak
```

```
      \ifx\pc@user\@empty
        No user password%
      \else
        User password: `\pc@user'%
      \fi
      \MessageBreak
      Flags: %
      \ifpc@print    \else no\fi print, %
      \ifpc@copy     \else no\fi copy, %
      \ifpc@edit     \else no\fi edit, %
      \ifpc@annotate\else no\fi annotate%
      \MessageBreak
    \fi
    \ifpc@nopdfcrypt
      Encryption is disabled by `\string\nopdfcrypt'%
    \else
      Encryption is set for `\pc@driver'%
    \fi
  }%
  \ifpc@nopdfcrypt
  \else
    \@ifundefined{pc@set@\pc@driver}{%
      \ifx\pc@driver\@empty
        \@PackageError{pdfcrypt}{No driver for encryption %
          support found}\@ehc
      \else
        \@PackageError{pdfcrypt}{Cannot set encryption for %
          unknown driver `\pc@driver'}\@ehc
      \fi
    }{%
      \@nameuse{pc@set@\pc@driver}%
    }%
  \fi
}
\def\pc@set@pdftex{%
  \ifnum\pdftexversion<100 %
    \pc@set@pdftexold
  \else
    \pc@set@pdftexnew
  \fi
}
\def\pc@set@pdftexold{%
  \pdfcrypt{%
    owner "\pc@owner" %
    user "\pc@user" %
    \ifpc@print    \else no\fi print %
    \ifpc@copy     \else no\fi copy %
    \ifpc@edit     \else no\fi edit %
    \ifpc@annotate\else no\fi annotate%
  }%
}
\def\pc@set@pdftexnew{%
  \pdfcrypt
    owner{\pc@owner}%
    user{\pc@user}%
    \ifpc@print    \else no\fi print %
    \ifpc@copy     \else no\fi copy %
    \ifpc@edit     \else no\fi edit %
    \ifpc@annotate\else no\fi annotate%
  \relax
}
\def\pc@set@vtex{%
```

```
  \immediate\special{!security %
    O=\pc@MakeVTeXString\pc@owner,%
    U=\pc@MakeVTeXString\pc@user,%
    P\ifpc@print +\else -\fi,%
    C\ifpc@copy +\else -\fi,%
    M\ifpc@edit +\else -\fi,%
    A\ifpc@annotate +\else -\fi
  }%
}
\def\pc@MakeVTeXString#1{%
  "\expandafter\pc@@MakeVTeXString#1"\@nil"%
}
\def\pc@@MakeVTeXString#1"#2\@nil{%
  #1%
  \ifx\\#2\\%
  \else
    ""%
    \@ReturnAfterFi{%
      \pc@@MakeVTeXString#2\@nil
    }%
  \fi
}
\long\def\@ReturnAfterFi#1\fi{\fi#1}
\pc@temp

\begingroup
  \catcode`\ =12 \gdef\pc@spaceother{ }\catcode`\ =10\relax
  \catcode`\|=0 %
  \catcode`\\=12 %
  |gdef|pc@DefString#1#2{%
    |def#1{#2}%
    |edef#1{|expandafter|strip@prefix|meaning#1}%
    |edef#1{|expandafter|pc@SpaceToOther#1 |@nil}%
    |edef#1{|expandafter|pc@EscapeRemove#1|@empty\|@empty|@nil}%
  }%
  |gdef|pc@EscapeRemove#1\#2#3|@nil{%
    #1#2%
    |ifx|\#3|\%%
    |else
      |@ReturnAfterFi{%
        |pc@EscapeRemove#3|@nil
      }%
    |fi
  }%
|endgroup
\def\pc@SpaceToOther#1 #2\@nil{%
  #1%
  \ifx\\#2\\%
  \else
    \pc@spaceother
    \@ReturnAfterFi{%
      \pc@SpaceToOther#2\@nil
    }%
  \fi
}

\def\pc@boolkey{\@dblarg\pc@@boolkey}
\def\pc@@boolkey[#1]#2#3{%
  \lowercase{\def\pc@temp{#3}}%
  \ifx\pc@temp\@empty
    \let\pc@temp\pc@true
  \fi
```

```
  \ifx\pc@temp\pc@true
  \else
    \ifx\pc@temp\pc@false
    \else
      \let\pc@temp\relax
    \fi
  \fi
  \ifx\pc@temp\relax
    \@PackageWarning{pdfcrypt}{%
      Unexpected value \string`#3\string' of %
      option \string`#2\string'\MessageBreak
      instead of %
      \string`true\string' or \string`false\string'%
    }%
  \else
    \csname pc@#2\pc@temp\endcsname
  \fi
}
\def\pc@true{true}
\def\pc@false{false}

\define@key{pc}{set}[true]{%
  \pc@boolkey{set}{#1}%
}
\define@key{pc}{pdftex}[]{%
  \def\pc@driver{pdftex}%
}
\define@key{pc}{vtex}[]{%
  \def\pc@driver{vtex}%
}
\define@key{pc}{print}[true]{%
  \pc@boolkey{print}{#1}%
}
\define@key{pc}{copy}[true]{%
  \pc@boolkey{copy}{#1}%
}
\define@key{pc}{edit}[true]{%
  \pc@boolkey{edit}{#1}%
}
\define@key{pc}{annotate}[true]{%
  \pc@boolkey{annotate}{#1}%
}
\define@key{pc}{all}[]{%
  \pc@boolkey{print}{true}%
  \pc@boolkey{copy}{true}%
  \pc@boolkey{edit}{true}%
  \pc@boolkey{annotate}{true}%
}
\define@key{pc}{none}[]{%
  \pc@boolkey{print}{false}%
  \pc@boolkey{copy}{false}%
  \pc@boolkey{edit}{false}%
  \pc@boolkey{annotate}{false}%
}

\define@key{pc}{owner}{%
  \pc@DefString\pc@owner{#1}%
}
\define@key{pc}{user}{%
  \pc@DefString\pc@user{#1}%
}
\define@key{pc}{debug}[true]{%
```

```
  \pc@boolkey{debug}{#1}%
}

\def\pdfcryptsetup#1{%
  \setkeys{pc}{#1}%
  \ifpc@set
    \pc@set
    \global\let\pc@set\relax
    \gdef\pdfcryptsetup##1{%
      \@PackageWarning{pdfcrypt}{%
        Encryption options are already set\MessageBreak
        new values are ignored%
      }%
    }%
  \fi
}
\begingroup\expandafter\expandafter\expandafter\endgroup
\expandafter\ifx\csname @onlypreamble\endcsname\relax
\else
  \@onlypreamble\pdfcryptsetup
\fi
```

2.6 support of configuration file

```
\begingroup\expandafter\expandafter\expandafter\endgroup
\expandafter\ifx\csname InputIfFileExists\endcsname\relax
  \@PackageInfo{pdfcrypt}{%
    Configuration file pdfcrypt.cfg not supported.%
  }%
\else
  \let\pc@ExecuteOptions\ExecuteOptions
  \InputIfFileExists{pdfcrypt.cfg}{}{}%
  \let\ExecuteOptions\pc@ExecuteOptions
\fi
```

2.7 Package options

Plain format does not know package options.

```
\begingroup\expandafter\expandafter\expandafter\endgroup
\expandafter\ifx\csname @classoptionslist\endcsname\relax
  \expandafter\pc@endinput
\fi
```

Process global and local options.

```
\def\pc@ProcessOptionsWithKV{%
  \let\pc@temp\@empty
  \@for\CurrentOption:=\@classoptionslist\do{%
    \@ifundefined{KV@pc@\CurrentOption}{}{%
      \edef\pc@temp{\pc@temp,\CurrentOption,}%
      \@expandtwoargs\@removeelement\CurrentOption
        \@unusedoptionlist\@unusedoptionlist
    }%
  }%
  \edef\pc@temp{%
    \noexpand\pdfcryptsetup{%
      \pc@temp\@ptionlist{\@currname.\@currext}%
    }%
  }%
  \pc@temp
}
\pc@ProcessOptionsWithKV
\AtEndOfPackage{\let\@unprocessedoptions\relax}
\AtBeginDocument{\pc@set}

```

```
467 \pc@endinput
468 ⟨/package⟩
```

3 Installation

3.1 Download

Package. This package is available on CTAN[2]:

CTAN:macros/latex/contrib/oberdiek/pdfcrypt.dtx The source file.

CTAN:macros/latex/contrib/oberdiek/pdfcrypt.pdf Documentation.

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 TEX Files" (CTAN:tds/tds.pdf). 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
```

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 (teTEX, mikTEX, ...) relies on file name databases, you must refresh these. For example, teTEX users run texhash or mktexlsr.

[2] http://ctan.org/pkg/pdfcrypt

3.5 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{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 pdfLaTeX:

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

4 Catalogue

The following XML file can be used as source for the TeX Catalogue. The elements caption and description are imported from the original XML file from the Catalogue. The name of the XML file in the Catalogue is pdfcrypt.xml.

```
⟨*catalogue⟩
<?xml version='1.0' encoding='us-ascii'?>
<!DOCTYPE entry SYSTEM 'catalogue.dtd'>
<entry datestamp='$Date$' modifier='$Author$' id='pdfcrypt'>
  <name>pdfcrypt</name>
  <caption>Allows the setting of pdf encryption.</caption>
  <authorref id='auth:oberdiek'/>
  <copyright owner='Heiko Oberdiek' year='2001,2006,2007'/>
  <license type='lppl1.3'/>
  <version number='1.1'/>
  <description>
    Allows the setting of pdf encryption options for VTeX and some
    older versions of pdfTeX.  The options can be set as package
    options or in the command <tt>\pdfcryptsetup</tt>. Options
    include <tt>owner=OwnerPassword</tt>, <tt>user=UserPassword,
    print</tt>, <tt>copy</tt>, <tt>edit</tt>, <tt>annotate=true,
    false all, none</tt>. The encryption is set at
    <tt>\begin{document}</tt> by default, but this can be forced for
    an earlier time by option &#x2018;set&#x2019;.
    <p/>
    Example:
    <tt>\usepackage[owner=Donald,user=Knuth,print=false]{pdfcrypt}</tt>
    <p/>
    The package is part of the <xref refid='oberdiek'>oberdiek</xref> bundle.
  </description>
  <documentation details='Package documentation'
      href='ctan:/macros/latex/contrib/oberdiek/pdfcrypt.pdf'/>
  <ctan file='true' path='/macros/latex/contrib/oberdiek/pdfcrypt.dtx'/>
```

```
<miktex location='oberdiek'/>
<texlive location='oberdiek'/>
<install path='/macros/latex/contrib/oberdiek/oberdiek.tds.zip'/>
</entry>
⟨/catalogue⟩
```

5 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 VTEX added.

[2001/07/19 v0.3]

- Bug fix: VTEX 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 pdfTEX 1.00a.

[2001/08/09 v0.6]

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

[2001/10/28 v0.7]

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

[2006/02/20 v0.8]

- Obsolete remarks for pdfTEX.
- 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.

6 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
\# 323, 325
\% 325
\: 46, 47, 48, 49
\@ 3, 6
\@PackageError 100, 118, 249, 252
\@PackageInfo 218, 435
\@PackageWarning 358, 421
\@PackageWarningNoLine 82, 87
\@ReturnAfterFi 305, 310, 338
\@classoptionslist 449
\@currext 458
\@currname 458
\@dblarg 196, 344
\@ehc 250, 253
\@empty 75, 92, 206, 207, 220, 226, 248, 347, 448
\@expandtwoargs 452
\@firstoftwo 9, 19
\@for 449
\@gobble 71, 80
\@ifnch 31, 33, 49
\@ifnextchar 27, 55, 196
\@ifundefined 17, 26, 53, 70, 74, 79, 95, 99, 114, 117, 131, 135, 144, 148, 157, 165, 173, 181, 195, 247, 450
\@let@token 31, 34, 37, 49
\@makeother 132, 216
\@namedef 145
\@nameuse 149, 256
\@nil 298, 300, 306, 333, 339
\@onlypreamble 431
\@ptionlist 458
\@removeelement 452
\@secondoftwo 13, 21
\@sptoken 34, 46
\@undefined 153
\@unprocessedoptions 464
\@unusedoptionlist 453
\@xdblarg 196, 197
\@xifnch 35, 48
\\ 302, 316, 335
\| 315, 321

\␣ 314

A

\AtBeginDocument 465
\AtEndOfPackage 464

B

\begin 486

C

\catcode . . 3, 6, 132, 215, 314, 315, 316
\csname 2, 8, 12, 16, 18, 64, 145, 149, 189, 365, 429, 434, 444
\CurrentOption 449, 450, 451, 452

D

\DeclareOption 164, 166, 168
\define@key . 371, 374, 377, 380, 383, 386, 389, 392, 398, 405, 408, 411
\do 449

E

\endcsname 2, 8, 12, 16, 18, 64, 145, 149, 189, 365, 429, 434, 444
\endinput 4
\ExecuteOptions 172, 174, 176, 439, 441

F

\futurelet 31, 49

G

\g@addto@macro 136, 159, 167, 175, 183
\gdef 49, 109, 126, 314, 420

I

\ifcase 97
\ifnum 116, 117, 261
\ifpc@annotate . 204, 236, 274, 284, 294
\ifpc@copy 202, 234, 272, 282, 292
\ifpc@debug 205, 219
\ifpc@edit 203, 235, 273, 283, 293
\ifpc@nopdfcrypt 85, 239, 245
\ifpc@print 201, 233, 271, 281, 291
\ifpc@set 200, 417
\ifx 8, 12, 16, 18, 34, 37, 64, 86, 189, 220, 226, 248, 302, 335, 347, 350, 352, 357, 429, 434, 444
\immediate 59, 288
\input 65, 190
\InputIfFileExists 440

L

\lowercase 346

M

\MessageBreak 103, 225, 231, 237, 360, 422

N

\NeedsTeXFormat 156, 158, 160
\newif . 85, 200, 201, 202, 203, 204, 205
\nopdfcrypt 86, 88, 240

O

\OpMode 116

P

\pc@@boolkey 344, 345
\pc@@MakeVTeXString . . 298, 300, 306
\pc@annotatetrue 213
\pc@boolkey 344, 372, 381, 384, 387, 390, 393, 394, 395, 396, 399, 400, 401, 402, 412
\pc@copytrue 211
\pc@DefString 406, 409
\pc@driver 92, 109, 126, 242, 247, 248, 253, 256, 375, 378
\pc@edittrue 212
\pc@endinput . . . 83, 107, 124, 445, 467
\pc@ExecuteOptions 439, 441
\pc@false 352, 369
\pc@KeyvalRestore 152, 153, 159, 167, 175, 183, 194
\pc@MakeVTeXString . . . 289, 290, 297
\pc@nopdfcrypttrue 90
\pc@owner 206, 220, 223, 269, 279, 289, 406
\pc@printtrue 210
\pc@ProcessOptionsWithKV . . 447, 463
\pc@ProvidesPackage 55, 56, 58
\pc@set 217, 418, 419, 465
\pc@set@pdftex 260
\pc@set@pdftexnew 264, 277
\pc@set@pdftexold 262, 267
\pc@set@vtex 287
\pc@spaceother 314, 337
\pc@SpaceToOther 333, 339
\pc@temp 215, 311, 346, 347, 348, 350, 352, 354, 357, 365, 448, 451, 456, 458, 461
\pc@true 348, 350, 368
\pc@user 207, 226, 229, 270, 280, 290, 409
\pcOrg@DeclareOption 164, 168
\pcOrg@ExecuteOptions 172, 176
\pcOrg@NeedsTeXFormat 156, 160
\pcOrg@ProcessOptions 180, 184
\pdfcrypt 268, 278
\pdfcryptsetup 80, 415, 420, 431, 457, 482
\pdfoutput 97
\pdftexversion 261
\ProcessOptions 180, 182, 184
\ProvidesPackage 54, 77

R

\RequirePackage 67, 192
\reserved@a 29, 38
\reserved@b 30, 40
\reserved@c 35, 38, 40, 43
\reserved@d 28, 37

S

\setkeys 416
\space 88
\special 288

T

\the 3, 139, 215
\toks@ 138, 139

U

\usepackage 490

V

\VTeXversion 117

W

\write 59