Package: qpdf (via r-universe)

October 30, 2026

Type Package

Title Split, Combine and Compress PDF Files

Version 1.4.1

Description Content-preserving transformations transformations of PDF files such as split, combine, and compress. This package interfaces directly to the 'qpdf' C++ library <https://qpdf.sourceforge.io/> and does not require any command line utilities. Note that 'qpdf' does not read actual content from PDF files: to extract text and data you need the 'pdftools' package.

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URL https://docs.ropensci.org/qpdf/

https://ropensci.r-universe.dev/qpdf

BugReports https://github.com/ropensci/qpdf/issues

Encoding UTF-8

Imports Rcpp, askpass, curl

LinkingTo Rcpp

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.1

Suggests testthat

SystemRequirements libjpeg

Config/pak/sysreqs libjpeg-dev libssl-dev

Repository https://ropensci.r-universe.dev

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RemoteUrl https://github.com/ropensci/qpdf

RemoteRef HEAD

RemoteSha b5053559dc183ca194ace32fcec0de33bdae7dfe

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qpdf *Split, Combine and Compress PDF Files*

Description

Content-preserving transformations transformations of PDF files. Note qpdf does not read actual content from PDF files: to extract text and data you need the pdftools package.

Usage

```
pdf_split(input, output = NULL, password = "")

pdf_length(input, password = "")

pdf_subset(input, pages = 1, output = NULL, password = "")

pdf_combine(input, output = NULL, password = "")

pdf_compress(input, output = NULL, linearize = FALSE, password = "")

pdf_overlay_stamp(input, stamp, output = NULL, password = "", pages)

pdf_rotate_pages(
  input,
  pages,
  angle = 90,
  relative = FALSE,
  output = NULL,
  password = ""
)
```

Arguments

`input`	path or url to the input pdf file
`output`	base path of the output file(s)
`password`	string with password to open pdf file
`pages`	a vector with page numbers to rotate/select/stamp depending on the function; for `pdf_select` negative numbers means removing those pages (same as R indexing)
`linearize`	enable pdf linearization (streamable pdf)
`stamp`	pdf file of which the first page is overlayed into each page of input

angle	rotation angle in degrees (positive = clockwise)
relative	if TRUE, pages are rotated relative to their current orientation. If FALSE, rotation is absolute (0 = portrait, 90 = landscape, rotated 90 degrees clockwise from portrait)

Details

Currently the package provides the following wrappers:

- pdf_length: show the number of pages in a pdf
- pdf_split: split a single pdf into separate files, one for each page
- pdf_subset: create a new pdf with a subset of the input pages
- pdf_combine: join several pdf files into one
- pdf_compress: compress or linearize a pdf file
- pdf_rotate_pages: rotate selected pages

These functions do not modify the input file: they create new output file(s) and return the path(s) to these newly created files.

Examples

```
# extract some pages
pdf_file <- file.path(tempdir(), "output.pdf")
pdf_subset('https://cran.r-project.org/doc/manuals/r-release/R-intro.pdf',
  pages = 1:3, output = pdf_file)
pdf_length(pdf_file)
unlink(pdf_file)
```

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