

Package ‘qpdf’

October 4, 2024

Type Package

Title Split, Combine and Compress PDF Files

Version 1.3.4

Description Content-preserving 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

RoxygenNote 7.2.1

Suggests testthat

SystemRequirements libjpeg

NeedsCompilation yes

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Date/Publication 2024-10-04 11:40:02 UTC

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Description

Content-preserving 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 = "")

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 |
| 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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