Package: qpdf (via r-universe)

October 5, 2024

Type Package

Title Split, Combine and Compress PDF Files

Version 1.3.4

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

RoxygenNote 7.2.1

Suggests testthat

SystemRequirements libjpeg

NeedsCompilation yes

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Repository CRAN

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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 = "")

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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