

Package ‘zip’

April 25, 2017

Title Cross-Platform 'zip' Compression

Version 1.0.0

Author Gábor Csárdi, Kuba Podgórski, Rich Geldreich

Maintainer Gábor Csárdi <csardi.gabor@gmail.com>

Description Cross-Platform 'zip' Compression Library. A replacement for the 'zip' function, that does not require any additional external tools on any platform.

License CC0

LazyData true

URL <https://github.com/gaborcsardi/zip>

BugReports <https://github.com/gaborcsardi/zip/issues>

RoxygenNote 6.0.1

Suggests covr, testthat, withr

Encoding UTF-8

NeedsCompilation yes

Repository CRAN

Date/Publication 2017-04-25 14:36:39 UTC

R topics documented:

zip	2
zip_list	3
Index	4

zip *Compress Files into 'zip' Archives*

Description

zip creates a new zip archive file.

Usage

```
zip(zipfile, files, recurse = TRUE, compression_level = 9)
```

```
zip_append(zipfile, files, recurse = TRUE, compression_level = 9)
```

Arguments

zipfile	The zip file to create. If the file exists, zip overwrites it, but zip_append appends to it.
files	List of file to add to the archive. Absolute path names will be added as absolute path names, relative path names stay relative in the archive.
recurse	Whether to add the contents of directories recursively.
compression_level	A number between 1 and 9. 9 compresses best, but it also takes the longest.

Details

zip_append appends compressed files to an existing 'zip' file.

Value

The name of the created zip file, invisibly.

Examples

```
## Some files to zip up
dir.create(tmp <- tempfile())
cat("first file", file = file.path(tmp, "file1"))
cat("second file", file = file.path(tmp, "file2"))

zipfile <- tempfile(fileext = ".zip")
zip(zipfile, tmp)

## List contents
zip_list(zipfile)

## Add another file
cat("third file", file = file.path(tmp, "file3"))
zip_append(zipfile, file.path(tmp, "file3"))
zip_list(zipfile)
```

zip_list	<i>List Files in a 'zip' Archive</i>
----------	--------------------------------------

Description

List Files in a 'zip' Archive

Usage

```
zip_list(zipfile)
```

Arguments

zipfile Path to an existing ZIP file.

Value

A data frame with columns: filename, compressed_size, uncompressed_size.

Index

zip, [2](#)
zip_append(zip), [2](#)
zip_list, [3](#)