

Package ‘flobr’

November 14, 2018

Title Convert Files to and from Binary Objects (BLOBs)

Version 0.1.0

Description Converts files to and from flobs.

A flob is a file that was read into binary in integer-mode as little endian, saved as the single element of a named list (where the name is the extension of the original file) and then serialized before being coerced into a blob. Flobs are useful for writing and reading files to and from databases.

URL <https://github.com/poissonconsulting/flobr>

BugReports <https://github.com/poissonconsulting/flobr/issues>

Depends R (>= 3.3.0)

Imports err, checkr, blob, tools

Suggests covr, spelling, testthat

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 6.1.0

Language en-CA

NeedsCompilation no

Author Joe Thorley [aut, cre] (<<https://orcid.org/0000-0002-7683-4592>>)

Maintainer Joe Thorley <joe@poissonconsulting.ca>

Repository CRAN

Date/Publication 2018-11-14 10:40:06 UTC

R topics documented:

check_flob	2
flob	3
flob_ext	3

flob_obj	4
is_flob	5
unflob	5

Index	7
--------------	----------

check_flob	<i>Check flob</i>
------------	-------------------

Description

Checks whether an object is a [flob](#).

Usage

```
check_flob(x, old = FALSE, x_name = substitute(x))
```

Arguments

x	The object to check.
old	A flag indicating whether old flobs are permitted.
x_name	A string of the object name.

Value

An invisible copy of x.

See Also

[flobr](#)

Examples

```
check_flob(flob_obj)
```

flob	<i>Flob File</i>
------	------------------

Description

Converts a file into a flob.

Usage

```
flob(path)
```

Arguments

path A string of the path to the file.

Details

A flob is a file that was read into binary in integer-mode as little endian, saved as the single element of a named list (where the name is the extension of the original file) and then serialized before being coerced into a blob.

Flobs are useful for saving files in databases.

Value

A named flob of the file.

See Also

[flobr](#)

Examples

```
path <- system.file("extdata", "flobr.pdf", package = "flobr")
flob <- flob(path)
flob
```

flob_ext	<i>Flob Extension</i>
----------	-----------------------

Description

Flob Extension

Usage

```
flob_ext(flob)
```

Arguments

flob A [flob](#)

Value

A string of the extension of the original file.

See Also

[flobr](#)

Examples

```
flob_ext(flob_obj)
```

flob_obj

A flob Object

Description

A [flob](#) of 'inst/extdata/flobr.pdf'.

Usage

```
flob_obj
```

Format

An object of class flob (inherits from blob) of length 1.

Examples

```
flob_obj
```

is_flob	<i>Is flob</i>
---------	----------------

Description

Is flob

Usage

```
is_flob(x)
```

Arguments

x An object to test

Value

A flag indicating whether x inherits from [flob](#).

See Also

[flobr](#)

Examples

```
is_flob(flob_obj)
```

unflob	<i>Unflob to File</i>
--------	-----------------------

Description

Converts a [flob](#) back to its original file format.

Usage

```
unflob(flob, path)
```

Arguments

flob The [flob](#) to save to file.
path A string of the path to the new file.

Details

If path does not include an extension then it is added automatically. If path does include an extension and then it must match the flob's extension.

Value

An invisible string of the path to the saved file.

Examples

```
unflob(flob_obj, tempfile())
```

Index

*Topic **datasets**

flob_obj, 4

check_flob, 2

flob, 2, 3, 4, 5

flob_ext, 3

flob_obj, 4

flobr, 2–5

is_flob, 5

unflob, 5