

Package ‘excerptr’

June 3, 2018

Title Excerpt Structuring Comments from Your Code File and Set a Table of Contents

Version 1.4.1

OS_type unix

Description This is an R interface to the python package 'excerpts' (<<https://pypi.python.org/pypi/excerpts>>).

URL <https://github.com/fvafrCU/excerptr>

Depends R (>= 3.5.0)

Imports utils, rPython, rprojroot, git2r

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SystemRequirements python3, rPython (see file README). To make full use of the vignette's examples you need 'pandoc' (<http://pandoc.org>) installed, although it's not a requirement.

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Suggests testthat, knitr, rmarkdown, devtools

Collate 'excerptr-package.R' 'internals.R' 'get_excerpts.R' 'utils.R' 'options.R' 'excerptr.R' 'zzz.R'

VignetteBuilder knitr

NeedsCompilation no

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R topics documented:

excerptr-package	2
concatenate_python_codes	2
construct_path	3
excerptr	3
get_excerpts	4
get_excerpts_path	5
load_excerpts	6
set_excerpts_path	6

Index	7
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excerptr-package	<i>Excerpt Structuring Comments from Your Code File and Set a Table of Contents</i>
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Description

This is just an R interface to the python package `excerpts` (<https://pypi.python.org/pypi/excerpts>).

Details

You will probably only want to use `excerptr`, see there for a usage example. All other functions documented are rather meant for internal use.

concatenate_python_codes	<i>Concatenate Code Files into one File</i>
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Description

Concatenate python codes and remove local imports and imports from `__future__`.

Usage

```
concatenate_python_codes(codes)
```

Arguments

`codes` a character vector of file names.

Value

The concatenated code.

construct_path	<i>Construct a (temporary) Path Where to Look for the Inst Files</i>
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Description

Construct a (temporary) path where to look for the files installed with the package.

Usage

```
construct_path(temporary = FALSE)
```

Arguments

temporary Use `tempdir()` as root for path construction?

Details

We need to load python codes that are located under the root with the installation and under 'inst/' while developing.

Value

A character of length one naming the path constructed.

excerptr	<i>Excerpt Structuring Comments and Set a Table of Contents.</i>
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Description

Just a wrapper to the python function `excerpts.excerpts`. See <https://github.com/fvafrCU/excerpts/> for details.

Usage

```
excerptr(file_name, comment_character = "#", magic_character = "%",  
output_path = "", allow_pep8 = TRUE, prefix = "", postfix = "",  
run_pandoc = TRUE, compile_latex = FALSE, pandoc_formats = "tex")
```

Arguments

file_name	Name the file from which to excerpt.
comment_character	Should be "#" for R.
magic_character	The magic character marking the structuring comments in file_name.
output_path	Name the path where to output to.
allow_pep8	Don't bother. See excerpts.excerpts for details.
prefix	Give a prefix to use for output files.
postfix	Give a postfix to use for output files.
run_pandoc	Try to run pandoc on the output?
compile_latex	Try to compile LaTeX if pandoc has output LaTeX?
pandoc_formats	A character vector naming the output formats for pandoc.

Value

The status of the `rPython::python.call` call to excerpts.

Examples

```
root <- system.file(package = "excerptr")
test_files <- file.path(root, "excerpts", "tests", "files")
excerptr(file_name = file.path(test_files, "some_file.txt"),
         output_path = tempdir(), run_pandoc = FALSE,
         compile_latex = FALSE,
         pandoc_formats = c("tex", "html"))
```

get_excerpts

Clone the Excerpts Code from github.com

Description

Get excerpts' the latest commit to branch master on <https://github.com/fvafrCU/excerpts/>. Meant for development only.

Usage

```
get_excerpts(directory = get_excerpts_path(), branch = "devel",
             force = FALSE, remove_dot_git = TRUE)
```

Arguments

directory	Where to clone to.
branch	See <code>git2r::clone</code> .
force	Overwrite the directory?
remove_dot_git	Remove the .git/ from the clone?

Value

The status of `git2r::clone`, or, if `remove_dot_git` is TRUE, the `capture.output` thereof.

Examples

```
path <- file.path(tempdir(), "excerpts")
get_excerpts(directory = path, force = TRUE)
## Not run: print(set_excerpts_path(path = path))
```

get_excerpts_path	<i>Get the Excerpts Path Option</i>
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Description

Get the option "excerpts_path", and set it, if unset.

Usage

```
get_excerpts_path(...)
```

Arguments

... arguments passed to `set_excerpts_path()`.

Value

The status of the `rPython::python.call` call to excerpts.

See Also

[set_excerpts_path](#).

Examples

```
options("excerpts_path" = NULL)
getOption("excerpts_path")
excerptr::get_excerpts_path() # internally calls set_excerpts_path()
getOption("excerpts_path")
```

load_excerpts	<i>Load Excerpts</i>
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Description

Load excerpts' python codes.

Usage

```
load_excerpts()
```

Value

The status of **rPython**: [python.exec](#).

set_excrtps_path	<i>Set the Excerpts Path Option</i>
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Description

excerptr uses the option ("excerpts_path") to get the python code of excerpts. This wrapper sets this option depending on whether you give a fixed path, are developing the package or using the standard installation's code.

Usage

```
set_excrtps_path(path = NULL, temporary = FALSE)
```

Arguments

path	a fixed path. Equals options(excerpts_path = path).
temporary	Set a temporary path.

Value

a character of length one containing the (new) path set.

Index

*Topic **package**

excerptr-package, 2

capture.output, 5

concatenate_python_codes, 2

construct_path, 3

excerptr, 2, 3

excerptr-package, 2

get_excerpts, 4

get_excerpts_path, 5

git2r::clone, 4, 5

load_excerpts, 6

python.call, 4, 5

python.exec, 6

set_excerpts_path, 5, 6

tempdir, 3