

Package ‘yulab.utils’

October 9, 2021

Title Supporting Functions for Packages Maintained by 'YuLab-SMU'

Version 0.0.4

Description Miscellaneous functions commonly used by 'YuLab-SMU'.

Imports utils

Suggests pkgbuild

ByteCompile true

License Artistic-2.0

Encoding UTF-8

RoxygenNote 7.1.1

NeedsCompilation no

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get_fun_from_pkg	<i>get_fun_from_pkg</i>
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Description

load function from package

Usage

```
get_fun_from_pkg(pkg, fun)
```

Arguments

pkg	package
fun	function

Value

function

Author(s)

Guangchuang Yu

Examples

```
get_fun_from_pkg('utils', 'zip')
```

install_zip	<i>install_zip</i>
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Description

install R package from zip file of source codes

Usage

```
install_zip(file, args = "--no-build-vignettes")
```

Arguments

file	zip file
args	argument to build package

Value

No return value, called for install R package from zip file of source codes

Author(s)

Guangchuang Yu

install_zip_gh *install_zip_gh*

Description

install github package

Usage

```
install_zip_gh(repo, ref = "master", args = "--no-build-vignettes")
```

Arguments

repo	github repo
ref	github branch, default is master
args	argument to build package

Details

it download the zip file first and use `install_zip` to install it

Value

No return value, called for installing github package

Author(s)

Guangchuang Yu

<code>is.installed</code>	<i>is.installed</i>
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Description

Check whether the input packages are installed

Usage

```
is.installed(packages)
```

Arguments

packages package names

Details

This function check whether the input packages are installed

Value

logical vector

Author(s)

Guangchuang Yu

Examples

```
is.installed(c("dplyr", "ggplot2"))
```

<code>o</code>	<i>o</i>
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Description

open selected directory or file

Usage

```
o(file = ".")
```

Arguments

file to be open; open working directory by default

Value

No return value, called for opening specific directory or file

Author(s)

Guangchuang Yu

Examples

```
## Not run:  
## to open current working directory  
o()  
  
## End(Not run)
```

read.cb

read.cb

Description

read clipboard

Usage

```
read.cb(...)
```

Arguments

... parameters for read.table

Value

data.frame

Author(s)

Guangchuang Yu

scihub_dl	<i>download publication via scihub</i>
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Description

using scihub to download publication using doi

Usage

```
scihub_dl(doi, scihub = "sci-hub.tw", download = TRUE)
```

Arguments

doi	doi
scihub	scihub website
download	whether download the pdf file

Value

pdf url

Author(s)

Guangchuang Yu

str_wrap	<i>str_wrap</i>
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Description

wrapping long string to multiple lines

Usage

```
str_wrap(string, width = getOption("width"))
```

Arguments

string	input string
width	the maximum number of characters before wrapping to a new line

Value

update strings with new line character inserted

Author(s)

Guangchuang Yu and Erqiang Hu

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