Package ‘available’

July 19, 2019

Title Check if the Title of a Package is Available, Appropriate and Interesting

Version 1.0.4

Description Check if a given package name is available to use. It checks the name's validity. Checks if it is used on 'GitHub', 'CRAN' and 'Bioconductor'. Checks for unintended meanings by querying Urban Dictionary, 'Wiktionary' and Wikipedia.

Depends R (>= 3.3.0)

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Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

Imports cli, clisymbols, crayon, tidytext, desc, glue, jsonlite, memoise, SnowballC, stringdist, tibble, udapi, yesno

Suggests usethis, BiocInstaller, BiocManager, testthat

URL https://github.com/ropenscilabs/available

BugReports https://github.com/ropenscilabs/available/issues

NeedsCompilation no

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Repository CRAN

Date/Publication 2019-07-19 14:40:02 UTC

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available

See if a name is available

Description

Searches performed - Valid package name - Already taken on CRAN - Positive or negative sentiment - Urban Dictionary

Usage

available(name, browse = getOption("available.browse", TRUE), ...)

Arguments

name

Name of package to search

browse

Whether browser should be opened for all web links, default = TRUE. Default can be changed by setting available.browse in .Rprofile. See Startup for more details.

...

Additional arguments passed to [utils::available.packages()].

Examples

## Not run:
# Check if the available package is available
available("available")

# You can disable opening of browser windows with browse = FALSE
available("survival", browse = FALSE)

# Or by setting a global option
options(available.browse = FALSE)
available("survival")

## End(Not run)
available_on_bioc

See if a name is available on CRAN

Description

See if a name is available on CRAN

Usage

available_on_bioc(name, repos = NULL, ...)

available_on_cran(name, repos = default_cran_repos, ...)

Arguments

name Name of package to search
repos character vector, the base URL(s) of the repositories to use.
... Additional arguments passed to [utils::available.packages()].

available_on_github

See if a name is available on github

Description

See if a name is available on github

Usage

available_on_github(name)

Arguments

name Name of package to search
get_bad_words

create

Description

Check a new package name and possibly create it

Usage

create(name, ...)

Arguments

name Name of package to search
...
Additional arguments passed to [usethis::create_package()].

get_bad_words

Description

Check for bad words in name

Usage

get_bad_words(name)

Arguments

name Name of package to search

See Also

See https://github.com/web-mech/badwords
**get_sentiment**

*Get sentiment of name*

**Description**

Get sentiment of name

**Usage**

```python
get_sentiment(name)
```

**Arguments**

<table>
<thead>
<tr>
<th>name</th>
<th>Name of package to search</th>
</tr>
</thead>
</table>

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**get_urban_data**

*get urban dictionary definitions and tags*

**Description**

get urban dictionary definitions and tags

**Usage**

```python
get_urban_data(name)
```

**Arguments**

<table>
<thead>
<tr>
<th>name</th>
<th>Name of package to search</th>
</tr>
</thead>
</table>

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**get_wikipedia**

*Open wikipedia page and abbreviations.com page*

**Description**

Open wikipedia page and abbreviations.com page

**Usage**

```python
get_wikipedia(name)
```

```python
get_wiktionary(name)
```

**Arguments**

<table>
<thead>
<tr>
<th>name</th>
<th>Name of package to search</th>
</tr>
</thead>
</table>
pkg_name_dist  
Find five closest package names in terms of string distance

Description

Find five closest package names in terms of string distance

Usage

pkg_name_dist(name, pkgs)

Arguments

name  name of package
pkgs  packages to compare with

suggest  
Suggest a package name based on a development package title or description

Description

If the package you are using already has a title, simply pass the path to the package root in ‘path’. Otherwise use ‘title’ to specify a potential title.

Usage

suggest(path = ",.", field = c("Title", "Description"), text = NULL)

Arguments

path  Path to a existing package to extract the title from.
field  one of "Title" or "Description"
text  text string to search.

Examples

## Not run:
# Default will use the title from the current path.
suggest()

# Can also suggest based on the description
suggest(field = "Description")

## End(Not run)
valid_package_name

# Or by explicitlty using the text argument
suggest(text =
    "A Package for Displaying Visual Scenes as They May Appear to an Animal with Lower Acuity"

valid_package_name  Is a package name valid

Description

Is a package name valid

Usage

valid_package_name(name)

Arguments

name  Name of package to search