

Package ‘fgeo’

June 20, 2019

Title Analyze Forest Diversity and Dynamics

Version 1.1.4

Description To help you access, transform, analyze, and visualize ForestGEO data, we developed a collection of R packages (<<https://forestgeo.github.io/fgeo/>>). This package, in particular, helps you to install and load the entire package-collection with a single R command, and provides convenient ways to find relevant documentation. Most commonly, you should not worry about the individual packages that make up the package-collection as you can access all features via this package. To learn more about ForestGEO visit <<http://www.forestgeo.si.edu/>>.

License GPL-3

URL <http://forestgeo.github.io/fgeo>, <https://github.com/forestgeo/fgeo>

BugReports <https://github.com/forestgeo/fgeo/issues>

Depends R (>= 3.2)

Imports cli (>= 1.1.0), crayon (>= 1.3.4), dplyr (>= 0.8.1), fgeo.analyze (>= 1.1.10), fgeo.plot (>= 1.1.6), fgeo.tool (>= 1.2.4), fgeo.x (>= 1.1.3), glue (>= 1.3.1), magrittr (>= 1.5), purrr (>= 0.3.2), rlang (>= 0.3.4), rstudioapi (>= 0.10), utils

Suggests covr (>= 3.2.1), DT (>= 0.6), kableExtra (>= 1.1.0), knitr (>= 1.23), rmarkdown (>= 1.12), spelling (>= 2.1), testthat (>= 2.1.1)

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NeedsCompilation no

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fgeo_browse	<i>Open a web browser on fgeo's website.</i>
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Description

Load fgeo's URLs into an HTML browser.

Usage

```
fgeo_browse()
```

```
fgeo_browse_reference()
```

See Also

Other functions to explore fgeo: [fgeo_help](#), [fgeo_packages](#)

Examples

```
if (interactive()) {  
  fgeo_browse()  
  fgeo_browse_reference()  
}
```

fgeo_help

Get help with fgeo.

Description

`fgeo_help()` finds all **fgeo** help files. You can refine your search directly on the viewer panel of RStudio or via a string passed as the first argument to `fgeo_help()`.

Usage

```
fgeo_help(pattern = "", package = NULL, rebuild = TRUE, ...)
```

Arguments

pattern	A character string to be matched in the name, alias or title of a topic's documentation. Defaults to matching everything, which retrieves all the documentation of fgeo packages.
package	A character string giving the name of one or more packages to limit the search, or NULL to search all fgeo packages.
rebuild	a logical indicating whether the help database should be rebuilt. This will be done automatically if <code>lib.loc</code> or the search path is changed, or if package is used and a value is not found.
...	Other arguments passed to <code>utils::help.search()</code> .

Value

The results are returned in a list object of class "hsearch", which has a print method for nicely formatting the results of the query.

See Also

`utils::help.search()`.

Other functions to explore fgeo: `fgeo_browse`, `fgeo_packages`

Examples

```
if (interactive()) {  
  fgeo_help()  
}  
  
dplyr::as_tibble(fgeo_help()$matches)  
  
if (interactive()) {  
  fgeo_help("stem", package = "fgeo.x")  
}
```

fgeo_packages	<i>Names of the core fgeo packages.</i>
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Description

Names of the core fgeo packages.

Usage

```
fgeo_packages(include_self = TRUE)
```

Arguments

`include_self` Logical. Should the output include fgeo?

Value

A string.

See Also

Other functions to explore fgeo: [fgeo_browse](#), [fgeo_help](#)

Examples

```
fgeo_packages()  
fgeo_packages(include_self = FALSE)
```

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