Package ‘fgeo’

October 13, 2022

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


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), markdown (>= 1.12), spelling (>= 2.1), testthat (>= 2.1.1)

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LazyData  true

RoxygenNote  6.1.1

NeedsCompilation  no

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**fgeo_browse**

Open a web browser on fgeo's website.

Description

Load fgeo's URLs into an HTML browser.

Usage

```r
fgeo_browse()
```

```r
defgeo_browse_reference()
```

See Also

Other functions to explore fgeo: `fgeo_help, fgeo_packages`
Examples

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

---

**fgeo_help**  
*Get help with fgeo.*

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**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 `lib.loc` or the search path is changed, or if `package` is used and a value is not found.

- `...`  
  Other arguments passed to `utils::help.search()`.

**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`
fgeo_packages

Examples

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

---

fgeo_packages

Names of the core fgeo packages.

Description

Names of the core fgeo packages.

Usage

```r
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

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