Package: felp (via r-universe)

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Type Package

Title Functional Help for Functions, Objects, and Packages

Version 0.6.0

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Description Enhance R help system by fuzzy search and preview
interface, pseudo-postfix operators, and more. The `?.`
pseudo-postfix operator and the `?` prefix operator displays
documents and contents (source or structure) of objects
simultaneously to help understanding the objects. The `?p`
pseudo-postfix operator displays package documents, and is
shorter than help(package = foo).

URL <https://felp.atusy.net/>, <https://github.com/atusy/felp>

BugReports <https://github.com/atusy/felp/issues>

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Imports prettycode, callr, curl, data.table, dplyr, htmltools,
magrittr, matrixStats, memoise, miniUI, reactable, rstudioapi,
rlang, shiny, stringi, utils

Suggests knitr, printr, testthat (>= 2.1.0),

VignetteBuilder knitr

Language en-US

Repository https://atusy.r-universe.dev

RemoteUrl https://github.com/atusy/felp

RemoteRef HEAD

RemoteSha 7c5af9147e0d831b29d95a08269ccb16498bfdf8

Contents

?   *Functional help with* ? *operator*

Description

Displays help and structure of an object, or help of a package. Two syntax sugars are added to enhance `utils::?.` One is `object?.` which works as if `?object`. Another is `package?p` which works as if `help(package = package)`

Usage

```
`?`(e1, e2)
```

Arguments

e1	A topic of document. Refer to `topic` argument described in `utils::`?``.
e2	`.` and `p` have special meanings as documented above. Otherwise, `e2` is same as `type` argument of `utils::`?``.

Examples

```
# Identical to help(identity); print(identity)
?identity
identity?.  # The same

# Identical to help(iris); str(iris)
?iris
iris?.  # The same

# Identical to help(package = stats)
stats?p
```

---

dummy	*A dummy data for felp*

Description

A dummy data for felp

Usage

```
dummy
```

Format

An object of class `list` of length 2.

---

felp	*Functional help which displays structure of an object in addition to help*

Description

Structure of object is returned by `str()`. For a function, its source is returned instead of `str()`.

Usage

```
felp(topic, package = NULL, ...)
```

Arguments

topic	usually, a [name] or character string specifying the topic for which help is sought. A character string (enclosed in explicit single or double quotes) is always taken as naming a topic.
	If the value of `topic` is a length-one character vector the topic is taken to be the value of the only element. Otherwise `topic` must be a name or a [reserved] word (if syntactically valid) or character string.
	See 'Details' for what happens if this is omitted.
package	a name or character vector giving the packages to look into for documentation, or `NULL`. By default, all packages whose namespaces are loaded are used. To avoid a name being deparsed use e.g. `(pkg_ref)` (see the examples).
...	Arguments passed on to [utils::help]
	`lib.loc` a character vector of directory names of R libraries, or `NULL`. The default value of `NULL` corresponds to all libraries currently known. If the default is used, the loaded packages are searched before the libraries. This is not used for HTML help (see 'Details').

> verbose logical; if TRUE, the file name is reported.
>
> try.all.packages logical; see Note.
>
> help_type character string: the type of help required. Possible values are
>   "text", "html" and "pdf". Case is ignored, and partial matching is al-
>   lowed.

Examples

```
# Identical to help(identity); print(identity)
felp(identity)

# Identical to help(iris); str(iris)
felp(iris)

# Identical to help(package = stats)
felp(package = stats)
```

---

fuzzyhelp   *Fuzzily Search Help and View the Selection*

Description

Users no longer have to remember the exact name to find help, vignettes, and demo. A shiny gadget
helps you to find a topic fuzzily. Click radio buttons to switch preview contents. Click "Done" or
"Cancel" to close the widget. When background = FALSE, the "Done" button will also hook help,
vignette, or demo, accordingly.

Usage

```
fuzzyhelp(
  query = "",
  method = getOption("fuzzyhelp.method", "fzf"),
  background = getOption("fuzzyhelp.background", TRUE),
  viewer = shiny::paneViewer()
)
```

Arguments

query	An initial query to search for the help system.
method	A fuzzy match method to use. Choices are "fzf" and "lv" (levenstein). The method "lv" is faster but can be less accurate. The default value can be tweaked by options(fuzzyhelp.method = "lv").
background	Whether to run a shiny gadget in a background process. The default value is TRUE and can be changed by option(fuzzyhelp.background = FALSE).
viewer	Specify where the gadget should be displayed–viewer pane, dialog window, or external browser–by passing in a call to one of the viewer() functions.

Value

If the `background` argument is `TRUE`, then the return value inherits from `callr::r_bg()`. Otherwise, `NULL` is returned.

Note

The default fuzzy match algorithm is a simplified version of <https://github.com/junegunn/fzf>. The implementation in this package excludes bonuses from relationship with matched characters and their previous characters.

Examples

```
if (FALSE) {
  fuzzyhelp()
}
```

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