Package 'contextFind'

October 26, 2025

Title Find Code Snippets with Context and Click to Navigate Directly
to Results

Version 1.0.1

Description
Search across R files with contextual results, highlights and clickable links. Includes an add-in for further workflow enhancement.

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Encoding UTF-8

RoxygenNote 7.3.2

Imports rstudioapi, cli, shiny, miniUI

Suggests testthat (>= 3.0.0), knitr, rmarkdown

Config/testthat/edition 3

VignetteBuilder knitr

NeedsCompilation no

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contextFind	*Search R and Rmd Files for Matching Text, Get Context and Links*

Description

Search R and Rmd Files for Matching Text, Get Context and Links

Usage

```
contextFind(
  search_text,
  path = ".",
  recursive = TRUE,
  contextLines = 2,
  verbose = TRUE
)
```

Arguments

search_text	Text to search for
path	Root directory to search
recursive	Whether to recurse into subfolders
contextLines	Number of context lines around match
verbose	If TRUE (the default), prints the results to the console

Value

A list of lists, one for each match, with objects: file, match_line, mtime, and context. file is the file path in which the match was found, match_line is the line number for this particular match, mtime is a POSIXct datetime value indicating when the file was last modified, and context contains the number of lines before and after the found match (set by the contextLines parameter).

Examples

```
# Find custom functions in your codebase
contextFind("<- function")

# Get more context
contextFind("<- function", contextLines = 3)

# Explicitly set the search directory
contextFind("<- function", path = getwd())

# Exclude subdirectories
contextFind("<- function", recursive = FALSE)
```

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contextFind_addin   *RStudio Add-in for contextFind*

Description

Launches an interactive gadget for searching project files. The gadget allows the user to enter a search string, choose a directory, specify whether the search should be recursive, and how many lines of context to print. Results are displayed in the console with clickable links to matched lines.

Usage

```
contextFind_addin()
```

Value

Invisibly returns the search results as a list (see contextFind()).

See Also

contextFind()

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