

# Package: contextFind (via r-universe)

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**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.

**License** CC0

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.2

**Imports** rstudioapi, cli, shiny, miniUI

**Suggests** testthat (>= 3.0.0), knitr, rmarkdown

**Config/testthat/edition** 3

**VignetteBuilder** knitr

**Config/pak/sysreqs** cmake make libuv1-dev zlib1g-dev

**Repository** <https://s87jackson.r-universe.dev>

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

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**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**

<code>search_text</code>	Text to search for
<code>path</code>	Root directory to search
<code>recursive</code>	Whether to recurse into subfolders
<code>contextLines</code>	Number of context lines around match
<code>verbose</code>	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	<i>RStudio Add-in for contextFind</i>
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**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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