Package: diffr (via r-universe)

November 19, 2026

Title Display Differences Between Two Files using Codediff Library

Version 0.3.0

Description An R interface to the 'codediff' JavaScript library (a copy of which is included in the package, see <https://github.com/danvk/codediff.js> for information). Allows for visualization of the difference between 2 files, usually text files or R scripts, in a browser.

Depends R (>= 3.0)

Imports htmlwidgets

License GPL-2

RoxygenNote 7.3.2

Suggests shiny

BugReports https://github.com/muschellij2/diffr/issues

Config/pak/sysreqs cmake make libuv1-dev

Repository https://muschellij2.r-universe.dev

Date/Publication 2025-04-01 03:01:21 UTC

RemoteUrl https://github.com/muschellij2/diffr

RemoteRef HEAD

RemoteSha 06d6c7f251ddf23ca997db26e1a4e4b6d0848116

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`diffr` *Diff 2 files side by side*

Description

Takes the diff of 2 files and shows comparisons

Usage

```
diffr(
  file1,
  file2,
  contextSize = 3,
  minJumpSize = 10,
  wordWrap = TRUE,
  before = file1,
  after = file2,
  width = NULL,
  height = NULL
)
```

Arguments

`file1`	First file to take diff (usually original file)
`file2`	First file to take diff (usually updated file)
`contextSize`	Minimum number of lines of context to show around each diff hunk. (default: 3).
`minJumpSize`	Minimum number of equal lines to collapse into a "Show N more lines" link. (default: 10)
`wordWrap`	By default, code will go all the way to the right margin of the diff. If there are 60 characters of space, character 61 will wrap to the next line, even mid-word. To wrap at word boundaries instead, set this option.
`before`	Text to display on file1
`after`	Text to display on file2
`width`	passed to `createWidget`
`height`	passed to `createWidget`

Examples

```
library(diffr)
file1 = tempfile()
writeLines("hello, world!\n", con = file1)
file2 = tempfile()
writeLines(paste0(
"hello world?\nI don't get it\n",
paste0(sample(letters, 65, replace = TRUE), collapse = "")), con = file2)
diffr(file1, file2, before = "f1", after = "f2")
```

diffrOutput *Wrapper functions for using diffr in shiny*

Description

Use `diffrOutput` to create a UI element, and `renderDiffr` to render the diff.

Usage

```
diffrOutput(outputId, width = "100%", height = "400px")

renderDiffr(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

`outputId`	Output variable to read from
`width, height`	The width and height of the diff (see `shinyWidgetOutput`)
`expr`	An expression that generates a `diffr` object
`env`	The environment in which to evaluate `expr`
`quoted`	Is `expr` a quoted expression (with `quote()`)? This is useful if you want to save an expression in a variable.
	Widget output function for use in Shiny

Examples

```
library(diffr)
library(shiny)
file1 = tempfile()
writeLines("hello, world!\n", con = file1)
file2 = tempfile()
writeLines(paste0(
"hello world?\nI don't get it\n",
paste0(sample(letters, 65, replace = TRUE), collapse = "")), con = file2)

ui <- fluidPage(
  h1("A diffr demo"),
  checkboxInput("wordWrap", "Word Wrap",
     value = TRUE),
   diffrOutput("exdiff")
)

server <- function(input, output, session) {
  output$exdiff <- renderDiffr({
    diffr(file1, file2, wordWrap = input$wordWrap,
    before = "f1", after = "f2")
  })
}
```

```
shinyApp(ui, server)
```

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