

Package ‘diffviewer’

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Title HTML Widget to Show File Differences

Version 0.1.2

Description A HTML widget that shows differences between files (text, images, and data frames).

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URL <https://diffviewer.r-lib.org>, <https://github.com/r-lib/diffviewer>

BugReports <https://github.com/r-lib/diffviewer/issues>

Depends R (>= 3.6.0)

Imports htmlwidgets, jsonlite

Suggests covr, shiny

Config/Needs/website tidyverse/tidytemplate

Encoding UTF-8

RoxygenNote 7.3.1

NeedsCompilation no

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Contents

visual_diff	2
visual_diff_output	3

Index	4
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visual_diff	<i>HTML widget to visually compare two files</i>
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Description

Currently supports:

- image diffs for .svg and .png
- tabular diffs for .csv
- text diffs for everything else

Usage

```
visual_diff(file_old, file_new, width = NULL, height = NULL)
```

Arguments

```
file_old, file_new      Paths to files to compare
width, height           Output size
```

Value

A HTML widget

See Also

[visual_diff_output\(\)](#) for use within Shiny apps

Examples

```
path1 <- tempfile()
path2 <- tempfile()
writeLines(letters, path1)
writeLines(letters[-13], path2)

if (interactive()) {
  visual_diff(path1, path2)
}
```

visual_diff_output *Shiny bindings for visual_diff()*

Description

Use `visual_diff_output()` in ui and `render_visual_diff(visual_diff(...))` in the server function.

Usage

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

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

Arguments

outputId	output variable to read from
width, height	Must be a valid CSS unit (like '100%', '400px', 'auto') or a number, which will be coerced to a string and have 'px' appended.
expr	An expression that generates a visual_diff
env	The environment in which to evaluate expr.
quoted	Is expr a quoted expression (with <code>quote()</code>)? This is useful if you want to save an expression in a variable.

Value

Components for use inside a Shiny app.

Examples

```
if (require("shiny") && interactive()) {  
  ui <- fluidPage(  
    visual_diff_output("diff")  
  )  
  
  server <- function(input, output, session) {  
    path1 <- tempfile()  
    path2 <- tempfile()  
    writeLines(letters, path1)  
    writeLines(letters[-13], path2)  
  
    output$diff <- visual_diff_render(visual_diff(path1, path2))  
  }  
  
  shinyApp(ui, server)  
}
```

Index

`visual_diff`, 2
`visual_diff_output`, 3
`visual_diff_output()`, 2
`visual_diff_render`
 (`visual_diff_output`), 3