

Package ‘midas’

July 6, 2017

Type Package

Title Turn HTML 'Shiny'

Version 1.0.1

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Description Contains functions for converting existing HTML/JavaScript source into equivalent 'shiny' functions. Bootstraps the process of making new 'shiny' functions by allowing us to turn HTML snippets directly into R functions.

Imports shiny (>= 1.0.3), xml2 (>= 1.1.1)

BugReports <https://github.com/shapenaji/midas/issues>

License GPL-3

LazyData true

Encoding UTF-8

RoxygenNote 6.0.1

NeedsCompilation no

Repository CRAN

Date/Publication 2017-07-05 22:53:56 UTC

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html_to_list	<i>Uses xml2 to parse html text into a list</i>
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Description

Uses xml2 to parse html text into a list

Usage

```
html_to_list(x)
```

Arguments

x string of html

Value

html as an R list

Examples

```
# create some test data
html <- '<div class="example"><h3>test</h3></div>'
html_to_list(html)
```

midas_touch	<i>turns an xml2 list into a shiny function call</i>
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Description

turns an xml2 list into a shiny function call

Usage

```
midas_touch(root)
```

Arguments

root an html list (from xml2 as_list). Note: If the list is particularly deep, you may need to set option(expressions = SOMETHING BIG)

Value

a function call that produces the equivalent shiny objects

turn_shiny	<i>Turns a string of html into the equivalent shiny code</i>
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Description

Turns a string of html into the equivalent shiny code

Usage

```
turn_shiny(html, remove_newlines = TRUE, file = NULL)
```

Arguments

html	a string of complete html
remove_newlines	whether or not to remove newlines from the string
file	default (NULL) is to return the object, if this is set it will write to file

Value

a function call that produces the equivalent shiny objects

Examples

```
html <- '<div class="example"><h3>test</h3></div>'  
turn_shiny(html)  
eval(turn_shiny(html))
```

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