

Package ‘aceEditor’

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Title The ‘Ace’ Editor as a HTML Widget

Version 1.0.1

Description Wraps the ‘Ace’ editor in a HTML widget. The ‘Ace’ editor has support for many languages. It can be opened in the viewer pane of ‘RStudio’, and this provides a second source editor.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Imports htmltools, htmlwidgets (>= 1.5.3), reactR, rstudioapi, tools

URL <https://github.com/stla/aceEditor>

BugReports <https://github.com/stla/aceEditor/issues>

NeedsCompilation no

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`aceDiffEditor`*Ace diff editor*

Description

Open the Ace diff editor.

Usage

```
aceDiffEditor(  
  file1,  
  file2,  
  mode = NULL,  
  theme = NULL,  
  fontSize = 14,  
  tabSize = NULL,  
  autoCompletion = TRUE,  
  snippets = FALSE,  
  width = NULL,  
  height = NULL,  
  elementId = NULL  
)
```

Arguments

<code>file1, file2</code>	paths to files
<code>mode</code>	the language of the files; if NULL, the mode is guessed from the extension of the first file; run getAceModes to get the list of available modes
<code>theme</code>	the theme of the editor; if NULL, the theme is set to the theme currently used in RStudio; run getAceThemes to get the list of available themes
<code>fontSize</code>	font size
<code>tabSize</code>	number of spaces for the indentation (usually 2 or 4); if NULL, it is set to the one used in RStudio
<code>autoCompletion</code>	logical, whether to enable the auto completion
<code>snippets</code>	logical, whether to enable the snippets (for example, there is a snippet for <code>switch</code> in JavaScript)
<code>width, height</code>	dimensions; the default values are nice for usage in the RStudio viewer pane
<code>elementId</code>	a HTML id for the container; this is useless for common usage

Note

The diff editor does not correctly reacts when one resizes the RStudio viewer pane. You have to resize it before opening the diff editor.

Examples

```
file <- system.file("htmlwidgets", "aceEditor.css", package = "aceEditor")
aceDiffEditor(file, file)
```

aceEditor

*Ace editor***Description**

Open the Ace editor.

Usage

```
aceEditor(
  contents,
  mode = NULL,
  theme = NULL,
  fontSize = 14,
  tabSize = NULL,
  autoCompletion = TRUE,
  snippets = FALSE,
  width = NULL,
  height = NULL,
  elementId = NULL
)
```

Arguments

contents	this can be the path to a file, NULL to open an empty editor, or missing to open the file currently open in RStudio
mode	the language of the contents; if NULL and the contents are read from a file, the mode is guessed from the extension of the file; run getAceModes to get the list of available modes
theme	the theme of the editor; if NULL, the theme is set to the theme currently used in RStudio; run getAceThemes to get the list of available themes
fontSize	font size
tabSize	number of spaces for the indentation (usually 2 or 4); if NULL, it is set to the one used in RStudio
autoCompletion	logical, whether to enable the auto completion
snippets	logical, whether to enable the snippets (for example, there is a snippet for switch in JavaScript)
width, height	dimensions; the default values are nice for usage in the RStudio viewer pane
elementId	a HTML id for the container; this is useless for common usage

Examples

```
# in RStudio, `aceEditor()` opens the current file:
aceEditor()

# opens a new JavaScript file:
aceEditor(NULL, mode = "javascript")

# opens an existing file:
aceEditor(system.file("htmlwidgets", "aceEditor.css", package = "aceEditor"))

# two editors side-by-side:
library(aceEditor)
library(htmltools)

ed1 <- aceEditor(
  width = "100%", height = "calc(100vh - 10px)"
)
ed2 <- aceEditor(
  width = "100%", height = "calc(100vh - 10px)"
)

if(interactive()){
  browsable(
    div(
      div(ed1, style="position: fixed; left: 1vw; right: 51vw;"),
      div(ed2, style="position: fixed; left: 51vw; right: 1vw;")
    )
  )
}

# two stacked editors:
library(aceEditor)
library(htmltools)

ed1 <- aceEditor(
  height = "calc(50vh - 10px)", width = "100%"
)
ed2 <- aceEditor(
  height = "calc(50vh - 10px)", width = "100%"
)

if(interactive()){
  browsable(
    tagList(
      tags$style(HTML(
        ".editor {",
        "  position: fixed;",
        "  left: 1vw;",
        "  width: 98vw;",
        "}"
      ))
    )
  )
}
```

```
   )),
    div(
      div(ed1, class = "editor", style = "bottom: calc(50vh - 25px);"),
      div(ed2, class = "editor", style = "top: calc(50vh);")
    )
  )
}
```

getAceModes	<i>Ace modes</i>
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Description

Get the available modes of the Ace editor.

Usage

```
getAceModes()
```

getAceThemes	<i>Ace themes</i>
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Description

Get available themes of the Ace editor.

Usage

```
getAceThemes()
```

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