

Package ‘markdownInput’

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Type Package

Title Shiny Module for a Markdown Input with Result Preview

Version 0.1.2

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Description An R-Shiny module containing a ``markdownInput". This input allows the user to write some markdown code and to preview the result. This input has been inspired by the ``comment" window of <<https://github.com/>>.

Imports shiny (>= 1.0.5), shinyAce, markdown

License GPL-3

Encoding UTF-8

LazyData true

URL <https://github.com/juliendiot42/markdownInput>

BugReports <https://github.com/juliendiot42/markdownInput/issues>

RoxygenNote 7.0.2

NeedsCompilation no

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Repository CRAN

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markdownInput

Create a markdown input control with a result preview

Description

Create a markdown input control with a result preview

Usage

```
markdownInput(  
  inputId,  
  label,  
  value = "Some markdown _text_",  
  theme = "github",  
  height = "400px",  
  class = ""  
)
```

Arguments

inputId	The codeinput slot that will be used to access the value.
label	Label of the input.
value	The initial text to be contained in the editor.
theme	The Ace theme to be used by the editor. The theme in Ace determines the styling and coloring of the editor. Use getAceModes to enumerate all the themes available.
height	A number (which will be interpreted as a number of pixels) or any valid CSS dimension (such as "50%", "200px", or "auto").
class	The CSS class name of the input. (optional)

Value

A tabset containing two tabs:

1. "Write" tab: Containing a code editor ([aceEditor](#)).
2. "Preview" tab: Containing the preview of the markdown render.

Author(s)

Julien Diot <juliendiot42@gmail.com>

References

1. **shinyAce** package: Vincent Nijs, Forest Fang, Trestle Technology, LLC and Jeff Allen (2019). shinyAce: Ace Editor Bindings for Shiny.
2. **shiny** package: Winston Chang, Joe Cheng, JJ Allaire, Yihui Xie and Jonathan McPherson (2018). shiny: Web Application Framework for R.
3. **markdown** package: JJ Allaire, Jeffrey Horner, Yihui Xie, Vicent Marti and Natacha Porte (2018). markdown: 'Markdown' Rendering for R.

Examples

```
## Only run examples in interactive R sessions
if (interactive()) {
  library(shiny)
  library(markdownInput)
  ui <- fluidPage(titlePanel("Markdown input"),
    sidebarLayout(
      # inputs:
      sidebarPanel(
        markdownInput(
          "mdInputID",
          label = "Write your text",
          value = "Write some _markdown_ **here:**"
        )
      ),
      # outputs:
      mainPanel(
        h3("Raw value of the input:"),
        verbatimTextOutput("rawResult")
      )
    ))

  server <- function(input, output, session) {
    # myText is a reactive variable containing the raw markdown text
    myText <- callModule(moduleMarkdownInput, "mdInputID")

    # show "myText"
    output$rawResult <- renderPrint({
      print(myText())
    })
  }

  shinyApp(ui, server)
}
```

Description

Server function of the markdownInput module

Usage

```
moduleMarkdownInput(input, output, session, class = "")
```

Arguments

input	The session's input object.
output	The session's output object.
session	The shiny's session.
class	(optional) The CSS class name of the preview tab.

Value

The reactive value of the input.

Author(s)

Julien Diot <juliendiot42@gmail.com>

References

1. **shinyAce** package: Vincent Nijs, Forest Fang, Trestle Technology, LLC and Jeff Allen (2019). shinyAce: Ace Editor Bindings for Shiny.
2. **shiny** package: Winston Chang, Joe Cheng, JJ Allaire, Yihui Xie and Jonathan McPherson (2018). shiny: Web Application Framework for R.
3. **markdown** package: JJ Allaire, Jeffrey Horner, Yihui Xie, Vicent Marti and Natacha Porte (2018). markdown: 'Markdown' Rendering for R.

Examples

```
## Only run examples in interactive R sessions
if (interactive()) {
  library(shiny)
  library(markdownInput)
  ui <- fluidPage(titlePanel("Markdown input"),
    sidebarLayout(
      # inputs:
      sidebarPanel(
        markdownInput(
          "mdInputID",
          label = "Write your text",
          value = "Write some _markdown_ **here:**"
        )
      ),
      # outputs:
```

```
      mainPanel(  
        h3("Raw value of the input:"),  
        verbatimTextOutput("rawResult"))  
      ))  
  
server <- function(input, output, session) {  
  # myText is a reactive variable containing the raw markdown text  
  myText <- callModule(moduleMarkdownInput, "mdInputID")  
  
  # show "myText"  
  output$rawResult <- renderPrint({  
    print(myText())  
  })  
}  
  
shinyApp(ui, server)  
}
```

runExample

Run a Shiny application presenting the "markdownInput" package.

Description

Run a Shiny application presenting the "markdownInput" package.

Usage

runExample()

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