

# Package ‘shinyhelper’

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**Type** Package

**Title** Easily Add Markdown Help Files to 'shiny' App Elements

**Version** 0.3.2

**BugReports** <https://github.com/cwthom/shinyhelper/issues>

**Description** Creates a lightweight way to add markdown helpfiles to 'shiny' apps, using modal dialog boxes, with no need to observe each help button separately.

**License** GPL-3

**Imports** shiny, markdown

**RoxygenNote** 6.1.1

**Encoding** UTF-8

**NeedsCompilation** no

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## R topics documented:

create_help_files . . . . .	2
helper . . . . .	2
observe_helpers . . . . .	3
shinyhelper . . . . .	4
shinyhelper_demo . . . . .	4

<b>Index</b>	<b>6</b>
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`create_help_files`      *Create Directory of Help Files*

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### Description

Helper function to be run interactively - it will initialise a directory of help files (.md files) in `help_dir`, using the vector of files. Pass it a vector of filenames which you wish to use with `type = "markdown"` in your calls to [helper](#).

### Usage

```
create_help_files(files, help_dir = "helpfiles")
```

### Arguments

`files`                    A character vector of names to use in creating help files.  
`help_dir`                A character string of the directory to use for help files.

### Examples

```
create_help_files(files = c("Clusters", "Columns", "PlotHelp"),
                  help_dir = "helpfiles")
```

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`helper`                    *Augment a shiny.tag with a question mark helper button*

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### Description

Add an action button to your shiny UI with a question mark help icon (by default). In combination with [observe\\_helpers](#) this icon will produce a modal dialog box in the app, with content and title as specified. You may pass inline content for the modal, or else specify the name of a markdown file to include.

### Usage

```
helper(shiny_tag, icon = "question-circle", colour = NULL,
       type = "markdown", title = "", content = "", size = "m",
       buttonLabel = "Okay", easyClose = TRUE, fade = FALSE, ...)
```

**Arguments**

shiny_tag	A shiny element, such as an input or output (but any shiny tag will do).
icon	A character string of the name of the icon to display (font awesome).
colour	Any valid CSS colour for the icon.
type	Either 'markdown' to include a helpfile, or 'inline' to specify text.
title	The title to use for your modal. Leave as "" to have no title (for example, if your markdown document has a header you wish to use instead).
content	If type = "markdown", the name of your markdown file; if type = "inline", a character vector of text/HTML to include. This will be pasted together with line breaks. You need not add '.md' to the markdown filename.
size	Either 's', 'm' or 'l' - the size of the modal dialog to display.
buttonLabel	The text for the modal button - "Ok" by default.
easyClose	Whether the modal can be dismissed by pressing Escape, or clicking outside the modal. Defaults to TRUE.
fade	Whether the modal has a fade in animation. Defaults to FALSE.
...	Other arguments to pass to the div containing the icon.

**Examples**

```
helper(shiny::actionButton("go", "click me!"),
       icon = "exclamation",
       colour = "red",
       type = "markdown",
       content = "ClickHelp") # looks for 'helpfiles/ClickHelp.md'
```

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observe\_helpers      *Observe Helper Action Buttons*

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**Description**

Function to show a modal dialog, observing each of the help icons in the app.

**Usage**

```
observe_helpers(session = shiny::getDefaultReactiveDomain(),
               help_dir = "helpfiles", withMathJax = FALSE)
```

**Arguments**

session	The session object in your shiny app.
help_dir	A character string of the directory containing your helpfiles.
withMathJax	If TRUE the MathJax library is added to allow for math expressions in markdown content.

## Examples

```
server <- function(input, output, session){  
  
  # use anywhere in your server.R script  
  observe_helpers()  
  
  # rest of server.R  
  # ...  
  # ...  
}
```

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shinyhelper

*shinyhelper.*

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## Description

Easily add markdown helpfiles to your shiny apps, by adding a single function around a shiny app element. This adds a small icon (a question mark, by default) which presents content in a modal dialog box when clicked. The content can be passed inline or given in a markdown file.

## Details

There is also a convenient function to initialise a directory of markdown files given a vector of filenames.

A demo is available at <https://cwthom94.shinyapps.io/shinyhelper-demo/>

For further reference on how to use the package, please refer to <https://github.com/cwthom/shinyhelper>

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shinyhelper\_demo

*Launch the Example App*

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## Description

An example app demonstrating the use of the shinyhelper package.

## Usage

```
shinyhelper_demo()
```

**Examples**

```
## Not run:  
if (interactive()) {  
  shinyhelper_demo()  
}  
  
## End(Not run)
```

# Index

`create_help_files`, 2

`helper`, 2, 2

`observe_helpers`, 2, 3

`shinyhelper`, 4

`shinyhelper-package` (`shinyhelper`), 4

`shinyhelper_demo`, 4