Package 'downloadthis'

April 14, 2020

Title Implement Download Buttons in 'rmarkdown'

Version 0.1.3

Description Implement download buttons in HTML output from 'rmarkdown' without the need for 'runtime:shiny'.

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URL https://github.com/fmmattioni/downloadthis

BugReports https://github.com/fmmattioni/downloadthis/issues

Encoding UTF-8

LazyData true

Imports fs, readr, writexl, bsplus, mime, htmltools, base64enc, magrittr, rmarkdown, purrr

RoxygenNote 7.1.0

Suggests knitr

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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R topics documented:

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download_this *Download button*

Description

Wrapper around bsplus::bs_button() to provide a download button for HTML outputs in R Markdown. Internally, the function writes the file to tempdir(), encodes it, and produces the download button. Currently, Internet Explorer does not support downloading embedded files.

Usage

```
download_this(
  .data,
  output_name,
  output_extension = c(".csv", ".xlsx"),
  button_label = "Download data",
  button_type = c("default", "primary", "success", "info", "warning", "danger"),
  has_icon = TRUE,
  icon = "fa fa-save",
  ...
)
```

Arguments

.data	A data frame or (named) list to write to disk. See 'Examples' for more details.
output_name	Name of of the output file.
output_extension	
	Extension of the output file. Currently, only .csv and .xlsx are supported. If a (named) list is passed to the function, only .xlsx is supported.
button_label	character (HTML), button label
button_type	character, one of the standard Bootstrap types
has_icon	specify whether to include fontawesome icons in the button label
icon	fontawesome tag e.g.: "fa fa-save"
...	attributes (named arguments) and children (unnamed arguments) of the button, passed to htmltools::tag

Value

htmltools::tag, <button/>

Warning

This example will write the mtcars dataset to tempdir() and produce the download button for the file 'mtcars dataset.csv' with the 'fa fa-save' icon on the 'Download data' label.

Examples

```
# Passing a data frame to the function
mtcars %>%
  download_this(
    output_name = "mtcars dataset",
    output_extension = ".csv",
    button_label = "Download data",
    button_type = "warning",
    has_icon = TRUE,
    icon = "fa fa-save"
  )

# Passing a list with data frames to the function
list(mtcars, iris) %>%
  download_this(
    output_name = "mtcars and iris datasets",
    output_extension = ".csv",
    button_label = "Download data",
    button_type = "warning",
    has_icon = TRUE,
    icon = "fa fa-save"
  )

# Passing a named list with data frames to the function
list('mtcars dataset' = mtcars, 'iris dataset' = iris) %>%
  download_this(
    output_name = "mtcars and iris datasets",
    output_extension = ".csv",
    button_label = "Download data",
    button_type = "warning",
    has_icon = TRUE,
    icon = "fa fa-save"
  )
```

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