

Package ‘shinyhtr’

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Type Package

Title Progress Bars for Downloads in 'shiny' Apps

Version 1.0.0

Description Modifies the progress() function from 'htr' package to let it send output to progressBar() function from 'shinyWidgets' package. It is just a tweak at the original functions from 'htr' package to make it smooth for 'shiny' developers.

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BugReports <https://github.com/curso-r/shinyhtr/issues>

URL <https://github.com/curso-r/shinyhtr>

Encoding UTF-8

LazyData true

Imports shinyWidgets, utils

RoxygenNote 6.1.1

Enhances shiny, htr

NeedsCompilation no

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progress *Add a progress bar compatible with 'shinyWidgets::updateProgressBar()'.*

Description

Add a progress bar to request just like the vanilla 'httr::progress()' but with capability to talk to 'shinyWidgets::updateProgressBar()' by giving the session and id arguments to it.

Usage

```
progress(session, id, type = c("down", "up"), con = stdout(),
  title = NULL, status = NULL, range_value = NULL,
  unit_mark = "%")
```

Arguments

session	(from 'shinyWidgets::updateProgressBar()' doc) The 'session' object passed to function given to shinyServer.
id	(from 'shinyWidgets::updateProgressBar()' doc) An id used to update the progress bar.
type	(from 'httr::progress()' doc) Type of progress to display: either number of bytes uploaded or downloaded.
con	(from 'httr::progress()' doc) Connection to send output too. Usually stdout() or stderr.
title	(from 'shinyWidgets::updateProgressBar()' doc) character, optional title.
status	(from 'shinyWidgets::updateProgressBar()' doc) Color, must be a valid Bootstrap status : primary, info, success, warning, danger.
range_value	(from 'shinyWidgets::updateProgressBar()' doc) Default is to display percentage ([0, 100]), but you can specify a custom range, e.g. -50, 50.
unit_mark	(from 'shinyWidgets::updateProgressBar()' doc) Unit for value displayed on the progress bar, default to "%".

See Also

[progress](#), [progressBar](#), [updateProgressBar](#)

Examples

```
if (interactive()) {
  library(shiny)
  library(shinyWidgets)
  library(shinyhttr)
```

```

ui <- fluidPage(
  sidebarLayout(
    NULL,
    mainPanel(
      actionButton('download', 'Download 100MB file...'),
      tags$p("see R console to compare both progress bars."),
      progressBar(
        id = "pb",
        value = 0,
        title = "",
        display_pct = TRUE
      )
    )
  )
)

server <- function(input, output, session) {
  observeEvent(input$download, {
    httr::GET(
      url = "https://speed.hetzner.de/100MB.bin",
      progress(session, id = "pb")
    )
  })
}

shinyApp(ui, server)
}

```

progress_bar

progress_bar

Description

Same as `'httr::progress_bar()'` but with capability to talk to `'shinyWidgets::progressBar()'`.

Usage

```

progress_bar(type, con, session, id, title = NULL, status = NULL,
  range_value = NULL, unit_mark = "%")

```

Arguments

type	(from <code>'httr::progress()'</code> doc) Type of progress to display: either number of bytes uploaded or downloaded.
con	(from <code>'httr::progress()'</code> doc) Connection to send output too. Usually <code>stdout()</code> or <code>stderr</code> .

session	(from 'shinyWidgets::updateProgressBar()' doc) The 'session' object passed to function given to shinyServer.
id	(from 'shinyWidgets::updateProgressBar()' doc) An id used to update the progress bar.
title	(from 'shinyWidgets::updateProgressBar()' doc) character, optional title.
status	(from 'shinyWidgets::updateProgressBar()' doc) Color, must be a valid Bootstrap status : primary, info, success, warning, danger.
range_value	(from 'shinyWidgets::updateProgressBar()' doc) Default is to display percentage ([0, 100]), but you can specify a custom range, e.g. -50, 50.
unit_mark	(from 'shinyWidgets::updateProgressBar()' doc) Unit for value displayed on the progress bar, default to "%".

Value

a function with rules to print out the progress.

See Also

[progress](#), [progressBar](#)

runExample

runExample

Description

Launch shiny example application using shinyhtr::progress_bar. This app also uses module to show that it works with it too.

Usage

```
runExample(display.mode = "showcase")
```

Arguments

display.mode The mode in which to display the example. Defaults to showcase, but may be set to normal to see the example without code or commentary.

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