

# Package ‘shinyhtr’

May 9, 2026

**Type** Package

**Title** Progress Bars for Downloads in 'shiny' Apps

**Version** 1.1.0

**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.

**License** MIT + file LICENSE

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

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

**Encoding** UTF-8

**LazyData** true

**Imports** shinyWidgets, utils, htr

**RoxygenNote** 7.1.1

**Enhances** shiny

**NeedsCompilation** no

**Author** Athos Damiani [aut, cre],  
Hadley Wickham [aut],  
RStudio [cph]

**Maintainer** Athos Damiani <athos.damiani@curso-r.com>

**Repository** CRAN

**Date/Publication** 2020-07-16 15:30:02 UTC

## Contents

progress . . . . .	2
progress_bar . . . . .	3
runExample . . . . .	4
<b>Index</b>	<b>6</b>

---

progress	<i>Add a progress bar compatible with 'shinyWidgets::updateProgressBar()'.</i>
----------	--

---

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

# Index

progress, [2](#), [2](#), [4](#)

progress\_bar, [3](#)

progressBar, [2](#), [4](#)

runExample, [4](#)

updateProgressBar, [2](#)