

# Package ‘shinyscreenshot’

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**Title** Capture Screenshots of Entire Pages or Parts of Pages in 'Shiny'

**Version** 0.1.0

**Description** Capture screenshots in 'Shiny' applications. Screenshots can either be of the entire viewable page, or a specific section of the page. The captured image is automatically downloaded as a PNG image. Powered by the 'html2canvas' JavaScript library.

**URL** <https://github.com/daattali/shinyscreenshot>  
<https://daattali.com/shiny/shinyscreenshot-demo/>

**BugReports** <https://github.com/daattali/shinyscreenshot/issues>

**Depends** R (>= 3.1.0)

**Imports** jsonlite, shiny (>= 1.0.0), uuid

**Suggests** rmarkdown, timevis

**License** MIT + file LICENSE

**LazyData** true

**Encoding** UTF-8

**RoxygenNote** 7.1.1

**NeedsCompilation** no

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runExample	<i>Run shinyscreenshot example</i>
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### Description

Launch an example Shiny app that shows how easy it is to take screenshots with `shinyscreenshot`.

The demo app is also [available online](#) to experiment with.

### Usage

```
runExample()
```

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screenshot	<i>Capture a screenshot of a shiny app</i>
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### Description

Screenshots can be either of the entire viewable page (default), or of a specific section of the page. The captured image is automatically downloaded as a PNG image.

This function gets called from the server portion of a Shiny app, unlike `screenshotButton()` which is similar but gets called from the UI.

### Usage

```
screenshot(  
  selector = "body",  
  filename = "shinyscreenshot",  
  id = "",  
  scale = 1,  
  timer = 0  
)
```

### Arguments

selector	CSS selector for the element that should be captured. If multiple elements match the selector, only the first one is captured. Default is to capture the entire page.
filename	Name of the file to be saved. A PNG extension will automatically be added.
id	As an alternative to <code>selector</code> , an ID of the element that should be captured can be provided. If <code>id</code> is provided, then <code>selector</code> is ignored. When used in a module, the <code>id</code> <b>does not</b> need to be namespaced (namespacing is automatic).
scale	The scale of the image. Default is 1, which means the dimensions of the image will be exactly the dimensions in the browser. For example, a value of 2 will result in an image that's twice the height and width (and a larger file size).
timer	Number of seconds to wait before taking the screenshot. Default is 0, which takes a screenshot immediately.

## Examples

```
if (interactive()) {
  library(shiny)
  library(shinyscreenshot)

  shinyApp(
    ui = fluidPage(
      h1("{shinyscreenshot} demo"),
      numericInput("num", "Number of points", 50),
      plotOutput("plot"),
      actionButton("screenshot1", "Capture entire page"),
      actionButton("screenshot2", "Capture plot")
    ),
    server = function(input, output) {
      observeEvent(input$screenshot1, {
        screenshot()
      })
      observeEvent(input$screenshot2, {
        screenshot(id = "plot")
      })
      output$plot <- renderPlot({
        plot(runif(input$num))
      })
    }
  )
}
```

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screenshotButton	<i>Button that captures a screenshot of a shiny app</i>
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## Description

Create a button that, when clicked, captures a screenshot of the Shiny app. Screenshots can be either of the entire viewable page (default), or of a specific section of the page. The captured image is automatically downloaded as a PNG image.

This function gets called from the UI portion of a Shiny app, unlike [screenshot\(\)](#) which is similar but gets called from the server.

## Usage

```
screenshotButton(
  selector = "body",
  filename = "shinyscreenshot",
  id = "",
  scale = 1,
  timer = 0,
  ...
)
```

### Arguments

selector	CSS selector for the element that should be captured. If multiple elements match the selector, only the first one is captured. Default is to capture the entire page.
filename	Name of the file to be saved. A PNG extension will automatically be added.
id	As an alternative to selector, an ID of the element that should be captured can be provided. If id is provided, then selector is ignored. When used in a module, the id <b>does</b> need to be namespaced, like any other UI element.
scale	The scale of the image. Default is 1, which means the dimensions of the image will be exactly the dimensions in the browser. For example, a value of 2 will result in an image that's twice the height and width (and a larger file size).
timer	Number of seconds to wait before taking the screenshot. Default is 0, which takes a screenshot immediately.
...	Any other parameters that should be passed along to the <a href="#">shiny::actionButton()</a> .

### Examples

```
if (interactive()) {
  library(shiny)
  library(shinyscreenshot)

  shinyApp(
    ui = fluidPage(
      h1("{shinyscreenshot} demo"),
      screenshotButton(label = "Capture entire page"),
      screenshotButton(label = "Capture plot", id = "plot"), br(), br(),
      numericInput("num", "Number of points", 50),
      plotOutput("plot")
    ),
    server = function(input, output) {
      output$plot <- renderPlot({
        plot(runif(input$num))
      })
    }
  )
}
```

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