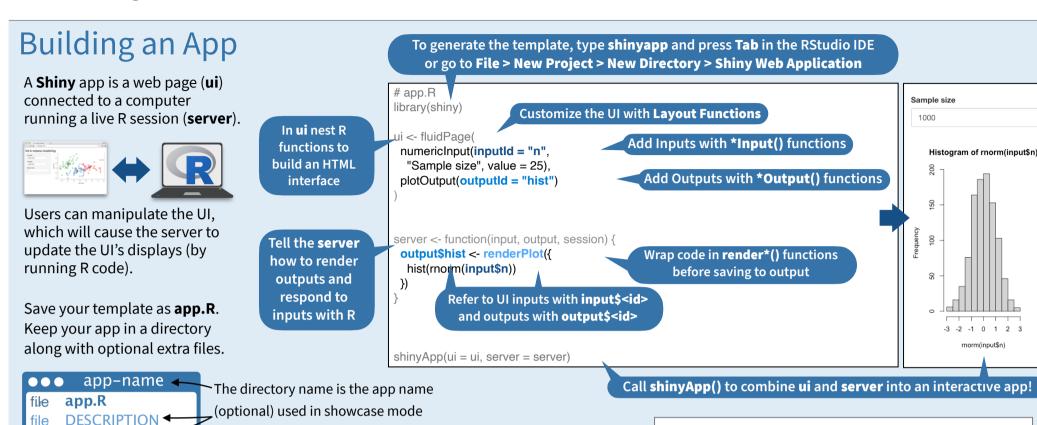
## Shiny:: CHEAT SHEET



See annotated examples of Shiny apps by running runExample(<example name>). Run runExample() with no arguments for a list of example names.

## Inputs

Collect values from the user.

Access the current value of an input object with input\$<inputId>. Input values are reactive.

Action

actionButton(inputId, label, icon, width, ...

actionLink(inputId, label, icon, ...)

Link

Choice 1 Choice 2 □ Choice 3

Check me

1 1 2 3 4 5 6

+ June 2015 + Su Mo Tu We Th Fr Sa

7 9 10 11 12 17

checkboxGroupInput(inputId, label, choices, selected, inline, width, choiceNames, choiceValues

checkboxInput(inputId, label, value, width)

dateInput(inputId, label, value, min, max, format, startview, weekstart. language, width, autoclose, datesdisabled, daysofweekdisabled

dateRangeInput(inputId, label, start, end, min, max, format, startview, weekstart, language, separator, width, autoclose

fileInput(inputId, label, multiple, Choose File accept, width, buttonLabel, placeholder

numericInput(inputId, label, value, min, max, step, width

••••• Choice A ○ Choice B

Choice 1 ▲

Choice 1

Choice 2

Apply Changes

Enter text

passwordInput(inputId, label, value, width, placeholder

radioButtons(inputId, label, choices, selected, inline, width,

Ohoice C choiceNames, choiceValues selectInput(inputId, label, choices, selected, multiple, selectize, width, size

Also **selectizeInput()** 

**sliderInput(**inputId, label, min, max, value, step, round, format, locale, ticks, animate, width, sep, pre, post, timeFormat, timezone, dragRange

submitButton(text, icon, width) (Prevent reactions for entire app)

textInput(inputId, label, value, width, placeholder) Also textAreaInput()

## Share

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Share your app in three ways:

README **←** 

- 1. Host it on shinyapps.io, a cloud based service from RStudio. To deploy Shiny apps:
  - Create a free or professional account at shinyapps.io
  - Click the Publish icon in RStudio IDE, or run: rsconnect::deployApp("<path to directory>")
- 2. Purchase RStudio Connect, a publishing platform for R and Python. rstudio.com/products/connect/
- 3. Build your own Shiny Server rstudio.com/products/shiny/shiny-server/

## Outputs render\*() and \*Output() functions work together to add R output to the UI.



(optional) directory of supplemental .R files that are sourced

(optional) directory of files to share with web browsers (images,

automatically, must be named "R"

CSS, .js, etc.), must be named "www"

Launch apps stored in a directory with **runApp**(<path to directory>).

DT::renderDataTable(expr, options, searchDelay, callback, escape, env, quoted, outputArgs



renderImage(expr, env, quoted, deleteFile, outputArgs



renderPlot(expr, width, height, res, ..., alt, env, quoted, execOnResize, outputArgs

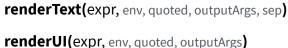


renderPrint(expr, env, quoted, width, outputArgs)



foo

renderTable(expr, striped, hover, bordered, spacing, width, align, rownames, colnames, digits, na, ..., env, quoted, outputArgs



verbatimTextOutput(outputId, placeholder

imageOutput(outputId, width, height,

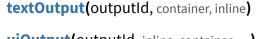
plotOutput(outputId, width, height, click,

click, dblclick, hover, brush, inline

dblclick, hover, brush, inline

dataTableOutput(outputId)

tableOutput(outputId)



uiOutput(outputId, inline, container, ...) htmlOutput(outputId, inline, container, ...)



These are the core output types. See **htmlwidgets.org** for many more options.