Shiny Slides

UI Inputs

UI Inputs

Functions for creating user interface elements that prompt the user for input values or interaction.

actionButton (actionLink)	Action button/link
checkboxGroupInput	Checkbox Group Input Control
checkboxInput	Checkbox Input Control
dateInput	Create date input
dateRangeInput	Create date range input
fileInput	File Upload Control
numericInput	Create a numeric input control
radioButtons	Create radio buttons
selectInput (selectizeInput)	Create a select list input control
sliderInput (animationOptions)	Slider Input Widget
submitButton	Create a submit button
textInput	Create a text input control
textAreaInput	Create a textarea input control
passwordInput	Create a password input control
modalButton	Create a button for a modal dialog
updateActionButton	Change the label or icon of an action button on the client
updateCheckboxGroupInput	Change the value of a checkbox group input on the client
updateCheckboxInput	Change the value of a checkbox input on the client
updateDateInput	Change the value of a date input on the client
updateDateRangeInput	Change the start and end values of a date range input on the client
updateNumericInput	Change the value of a number input on the client
updateRadioButtons	Change the value of a radio input on the client
updateSelectInput (updateSelectizeInput)	Change the value of a select input on the client
updateSliderInput	Change the value of a slider input on the client
updateTabsetPanel (updateNavbarPage, updateNavlistPanel)	Change the selected tab on the client
updateTextInput	Change the value of a text input on the client
updateTextAreaInput	Change the value of a textarea input on the client
updateQueryString	Update URL in browser's location bar

UI Outputs

UI Outputs

Functions for creating user interface elements that, in conjunction with rendering functions, display different kinds of output from your application.

htmlOutput (uiOutput)	Create an HTML output element
plotOutput (imageOutput)	Create an plot or image output element
outputOptions	Set options for an output object.
tableOutput (dataTableOutput)	Create a table output element
textOutput	Create a text output element
verbatimTextOutput	Create a verbatim text output element
downloadButton (downloadLink)	Create a download button or link
Progress	Reporting progress (object-oriented API)
withProgress (incProgress, setProgress)	Reporting progress (functional API)
modalDialog	Create a modal dialog UI
urlModal	Generate a modal dialog that displays a URL
showModal (removeModal)	Show or remove a modal dialog
showNotification (removeNotification)	Show or remove a notification

Rendering Functions

Rendering functions

Functions that you use in your application's server side code, assigning them to outputs that appear in your user interface.

renderPlot	Plot Output
renderText	Text Output
renderPrint	Printable Output
renderDataTable	Table output with the JavaScript library DataTables
renderImage	Image file output
renderTable	Table Output
renderUI	UI Output
downloadHandler	File Downloads
reactivePlot	Plot output (deprecated)
reactivePrint	Print output (deprecated)
reactiveTable	Table output (deprecated)
reactiveText	Text output (deprecated)
reactiveUI	UI output (deprecated)

3 Rules

Use the server function to assemble inputs into outputs. Follow 3 rules:

`output$hist <-`   1. Save the output that you build to **output$**

```
renderPlot({
  hist(rnorm(input$num))
})
```
2. Build the output with a **render*()** function

`input$num`   3. Access input values with **input$**