

Information on package 'shiny'

Description:

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Package:      shiny
Type:         Package
Title:        Web Application Framework for R
Version:      0.12.1
Date:         2015-06-11
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      "cph"), comment = "tar implementation from R") )
Description:  Makes it incredibly easy to build interactive web applications with R. Automatic "reactive"
binding
              between inputs and outputs and extensive pre-built widgets make it possible to build beautiful,
              responsive, and powerful applications with minimal effort.
License:      GPL-3 | file LICENSE
Depends:      R (>= 3.0.0)
Imports:      utils, httpuv (>= 1.3.2), mime (>= 0.3), jsonlite (>= 0.9.16), xtable, digest, htmltools (>=
0.2.6), R6
              (>= 2.0)
Suggests:     datasets, Cairo (>= 1.5-5), testthat, knitr (>= 1.6), markdown, ggplot2
URL:          http://shiny.rstudio.com
BugReports:    https://github.com/rstudio/shiny/issues
Collate:      'app.R' 'bootstrap-layout.R' 'map.R' 'globals.R' 'utils.R' 'bootstrap.R' 'cache.R' 'fileupload.R'
              'stack.R' 'graph.R' 'hooks.R' 'html-deps.R' 'htmltools.R' 'image-interact-opts.R' 'image-
              interact.R'
              'imageutils.R' 'jqueryui.R' 'middleware-shiny.R' 'middleware.R' 'priorityqueue.R' 'progress.R'
              'react.R'
              'reactive-domains.R' 'reactives.R' 'render-plot.R' 'run-url.R' 'server.R' 'shiny.R' 'shinyui.R'
              'shinywrappers.R' 'showcase.R' 'slider.R' 'tar.R' 'timer.R' 'update-input.R'
NeedsCompilation: no
Packaged:     2015-06-12 06:42:27 UTC; jcheng
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              Mark Otto
              [ctb] (Bootstrap library), Jacob Thornton [ctb] (Bootstrap library), Bootstrap contributors [ctb]
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              (html5shiv
              library), Scott Jehl [ctb, cph] (Respond.js library), Stefan Petre [ctb, cph] (Bootstrap-
              datepicker
    
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Awesome
shim
(ion.rangeSlider
library),
Maintainer:
Repository:
Date/Publication:
Built:
Index:

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library), Andrew Rowls [ctb, cph] (Bootstrap-datepicker library), Dave Gandy [ctb, cph] (Font-
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R Core Team [ctb, cph] (tar implementation from R)
Winston Chang <winston@rstudio.com>
CRAN
2015-06-12 23:22:03
R 3.2.1; ; 2015-08-03 03:40:44 UTC; windows

```

HTML
Progress
absolutePanel
actionButton
addResourcePath
bootstrapPage
brushOpts
brushedPoints
builder
checkboxGroupInput
checkboxInput
clickOpts
column
conditionalPanel
createWebDependency
dateInput
dateRangeInput
dblclickOpts
domains
downloadButton
downloadHandler
exprToFunction
fileInput
fixedPage
flowLayout
fluidPage
headerPanel
helpText
hoverOpts
htmlOutput
icon
imageOutput
include
inputPanel
installExprFunction
invalidateLater
is.reactivevalues
isolate
knit_print.html
knitr_methods
mainPanel
makeReactiveBinding
markRenderFunction
maskReactiveContext
navbarPage
navlistPanel
nearPoints
numericInput
observe
observeEvent
outputOptions
pageWithSidebar
parseQueryString
passwordInput
plotPNG
radioButtons
reactive
reactiveFileReader
reactivePlot
reactivePoll
reactivePrint
reactiveTable
reactiveText

```

Mark Characters as HTML
Reporting progress (object-oriented API)
Panel with absolute positioning
Action button/link
Resource Publishing
Create a Bootstrap page
Create an object representing brushing options
Find rows of data that are selected by a brush
HTML Builder Functions
Checkbox Group Input Control
Checkbox Input Control
Create an object representing click options
Create a column within a UI definition
Conditional Panel
Create a web dependency
Create date input
Create date range input
Create an object representing double-click
options
Reactive domains
Create a download button or link
File Downloads
Convert an expression to a function
File Upload Control
Create a page with a fixed layout
Flow layout
Create a page with fluid layout
Create a header panel
Create a help text element
Create an object representing hover options
Create an HTML output element
Create an icon
Create an plot or image output element
Include Content From a File
Input panel
Install an expression as a function
Scheduled Invalidation
Checks whether an object is a reactivevalues
object
Create a non-reactive scope for an expression
Knitr S3 methods
Knitr S3 methods
Create a main panel
Make a reactive variable
Mark a function as a render function
Evaluate an expression without a reactive
context
Create a page with a top level navigation bar
Create a navigation list panel
Find rows of data that are near a
click/hover/double-click
Create a numeric input control
Create a reactive observer
Event handler
Set options for an output object.
Create a page with a sidebar
Parse a GET query string from a URL
Create a password input control
Run a plotting function and save the output as
a PNG
Create radio buttons
Create a reactive expression
Reactive file reader
Plot output (deprecated)
Reactive polling
Print output (deprecated)
Table output (deprecated)
Text output (deprecated)

reactiveTimer	Timer
reactiveUI	UI output (deprecated)
reactiveValues	Create an object for storing reactive values
reactiveValuesToList	Convert a reactivevalues object to a list
registerInputHandler	Register an Input Handler
removeInputHandler	Deregister an Input Handler
renderDataTable	Table output with the JavaScript library DataTables
renderImage	Image file output
renderPlot	Plot Output
renderPrint	Printable Output
renderTable	Table Output
renderText	Text Output
renderUI	UI Output
repeatable	Make a random number generator repeatable
runApp	Run Shiny Application
runExample	Run Shiny Example Applications
runUrl	Run a Shiny application from a URL
selectInput	Create a select list input control
serverInfo	Collect information about the Shiny Server environment
session	Session object
shiny-options	Global options for Shiny
shiny-package	Web Application Framework for R
shinyApp	Create a Shiny app object
shinyServer	Define Server Functionality
shinyUI	Create a Shiny UI handler
showReactLog	Reactive Log Visualizer
sidebarLayout	Layout a sidebar and main area
sidebarPanel	Create a sidebar panel
singleton	Include content only once
sliderInput	Slider Input Widget
splitLayout	Split layout
stopApp	Stop the currently running Shiny app
submitButton	Create a submit button
tabPanel	Create a tab panel
tableOutput	Create a table output element
tabsetPanel	Create a tabset panel
tag	HTML Tag Object
textInput	Create a text input control
textOutput	Create a text output element
titlePanel	Create a panel containing an application title.
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	Change the value of a select input on the client
updateSliderInput	Change the value of a slider input on the client
updateTabsetPanel	Change the selected tab on the client
updateTextInput	Change the value of a text input on the client
validate	Validate input values and other conditions
validateCssUnit	Validate proper CSS formatting of a unit
verbatimTextOutput	Create a verbatim text output element
verticalLayout	Lay out UI elements vertically
wellPanel	Create a well panel
withMathJax	Load the MathJax library and typeset math expressions
withProgress	Reporting progress (functional API)
withTags	Evaluate an expression using 'tags'