



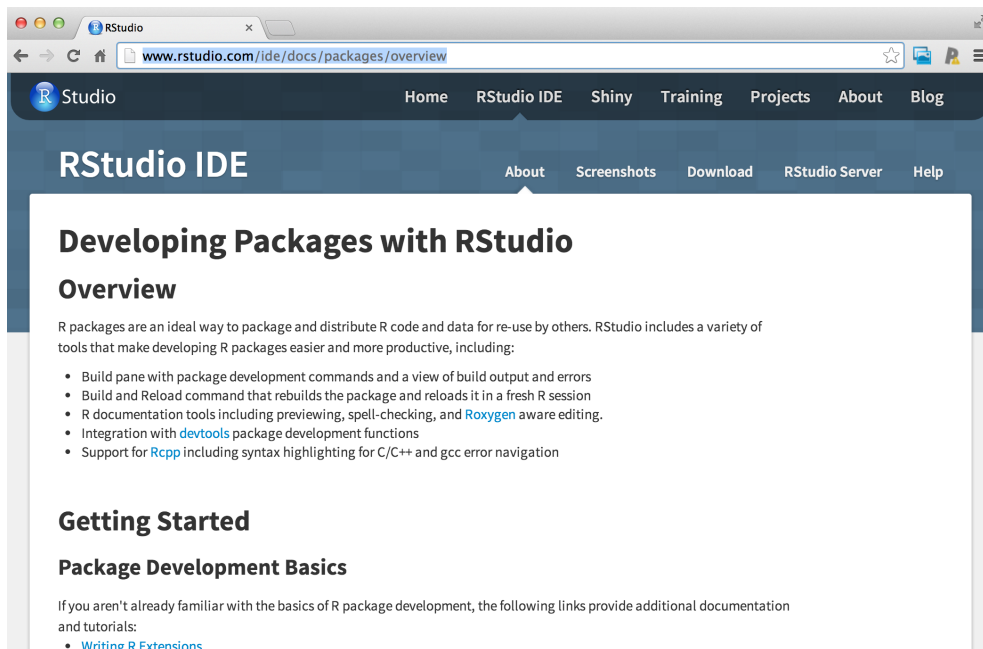
Building Data Products Overview

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Building Data Products Content

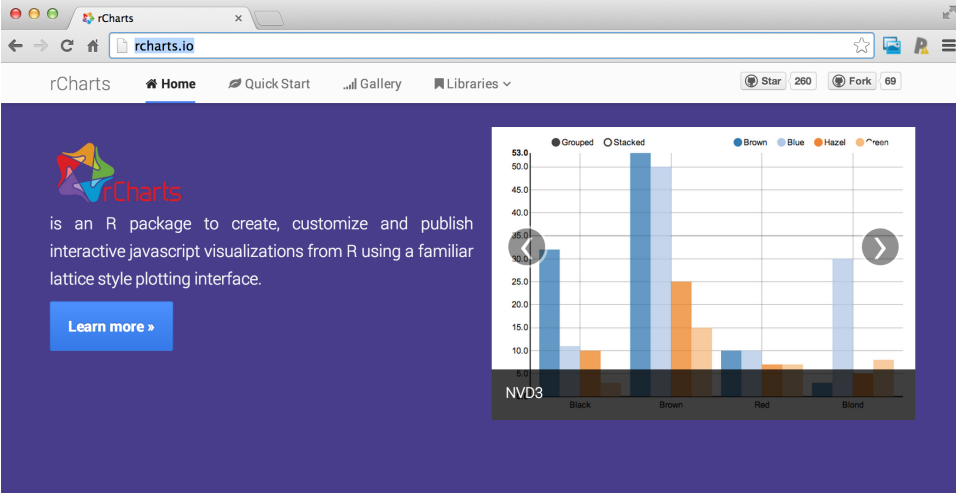
- R packages
 - devtools
 - roxygen
 - testthat
- rCharts
- Slidify
- Shiny

R packages - for the engineers



<http://cran.r-project.org/web/packages/> <http://www.rstudio.com/ide/docs/packages/overview>

rCharts - for marketing



The screenshot shows a web browser window with the address bar displaying `rcharts.io`. The website has a dark blue header with navigation links: Home, Quick Start, Gallery, and Libraries. It also shows GitHub statistics: 260 Stars and 69 Forks. The main content area has a dark blue background. On the left, the rCharts logo is followed by the text: "is an R package to create, customize and publish interactive javascript visualizations from R using a familiar lattice style plotting interface." Below this is a blue button that says "Learn more >". On the right, there is a featured bar chart titled "NVD3". The chart has a legend with categories: Grouped, Stacked, Brown, Blue, Hazel, and Green. The x-axis has labels: Black, Brown, Red, and Blond. The y-axis ranges from 0.0 to 55.0. The chart displays grouped bars for each category, with the 'Brown' category showing the highest values. A circular navigation arrow is visible on the right side of the chart.

rCharts

Home Quick Start Gallery Libraries

Star 260 Fork 69

rCharts

is an R package to create, customize and publish interactive javascript visualizations from R using a familiar lattice style plotting interface.

[Learn more >](#)

NVD3

Grouped Stacked Brown Blue Hazel Green

Black Brown Red Blond

55.0 50.0 45.0 40.0 35.0 30.0 25.0 20.0 15.0 10.0 5.0 0.0

Familiar Plotting Interface

rCharts uses a plotting interface that R users are already familiar with. You can use a

Multiple Charting Libraries

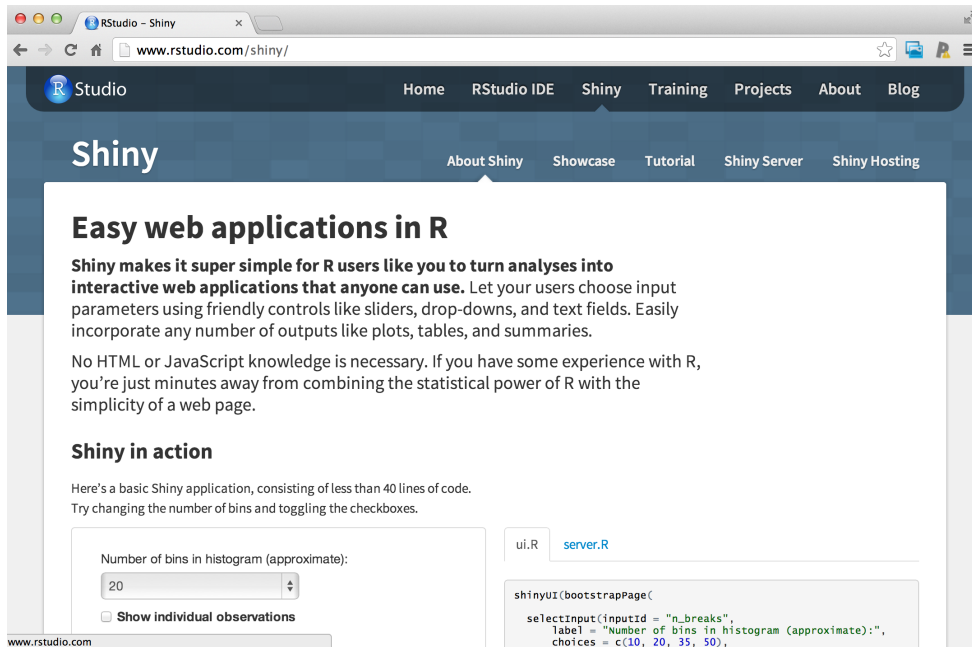
rCharts supports multiple javascript charting libraries, each with its own strengths. Each of

Easy to Share

rCharts allows you to share your visualization in multiple ways. You can save it as a

<http://rcharts.io/> <http://ramnathv.github.io/rChartsNYT/>

Shiny - for your users

A screenshot of a web browser displaying the RStudio Shiny website. The browser's address bar shows 'www.rstudio.com/shiny/'. The website has a dark blue header with navigation links: Home, RStudio IDE, Shiny, Training, Projects, About, and Blog. Below this is a lighter blue section with 'Shiny' in large text and links for 'About Shiny', 'Showcase', 'Tutorial', 'Shiny Server', and 'Shiny Hosting'. The main content area has a white background and features the heading 'Easy web applications in R'. Below this heading is a paragraph explaining that Shiny makes it simple for R users to create interactive web applications. Another paragraph states that no HTML or JavaScript knowledge is necessary. A section titled 'Shiny in action' includes a brief description of a basic Shiny application and a small interactive demo. The demo consists of a text input field labeled 'Number of bins in histogram (approximate):' with the value '20' entered, a 'Show individual observations' checkbox, and a 'server.R' file viewer showing R code for a histogram.

www.rstudio.com

Number of bins in histogram (approximate):

20

☐ Show individual observations

ui.R server.R

```
shinyUI(bootstrapPage(  
  selectInput(inputId = "n_breaks",  
    label = "Number of bins in histogram (approximate):",  
    choices = c(10, 20, 35, 50),
```

<http://www.rstudio.com/shiny/> <http://www.rstudio.com/shiny/showcase/>