

RStudio Essentials

Programming 1: Writing Code



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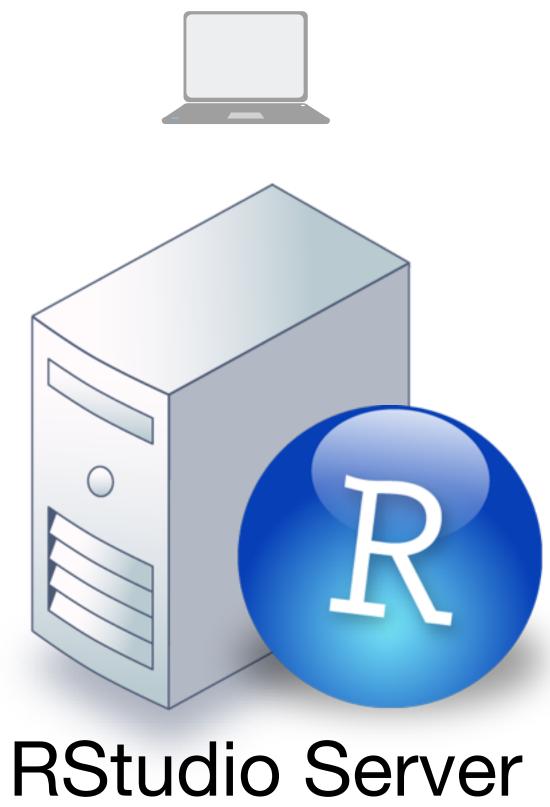
000 DESCRIPTION print.R × Run Source + as.vega.ggvis() = 25 Values 26 "diamonds0/bin1/stack2" data_props <- combine_data_props(x\$marks) data_ids 27 List of 1 data_ids <- names(data_props) data_props 28 FALSE data_table <- x\$data[data_ids] dynamic 29 Show internals 30 # Collapse each list of scale objects into one scale object. Traceback 31 as.vega.ggvis(x, FALSE) at vega.R:29 x <- collapse_scales(x) 32 scale_data_table <- scale_domain_data(x) as.vega(x, FALSE) at vega.R:11 33 $view_static(x, ...)$ at print.R:67 # Wrap each of the reactive data objects in another reactive which returns print.ggvis(c("list()", "list(diamonds0 = function () \nstatic_data)", "list 34 # only the columns that are actually used, and adds any calculated columns 35 36 # that are used in the props. Plots Packages Help Viewer data_table <- active_props(data_table, data_props) 37 Files 38 # From an environment containing data_table objects, get static data for the (B) 39 40 R Script \$ # specified ids. 41 (Top Level) \$ 120 -16:19 100 Console ~/r/ggvis/ ≈ count > ggvis(diamonds, x = ~price, y = ~color) Guessing layer_histograms() Guessing binwidth = 140 Called from: eval(expr, envir, enclos) debug at /Users/jmcphers/r/ggvis/R/vega.R#29: data_table <- x\$data[data_ids]</pre> 50. 12,000 000,01 000,8 000,0 0-1 2,000 price Browse[2]>



RStudio Desktop IDE



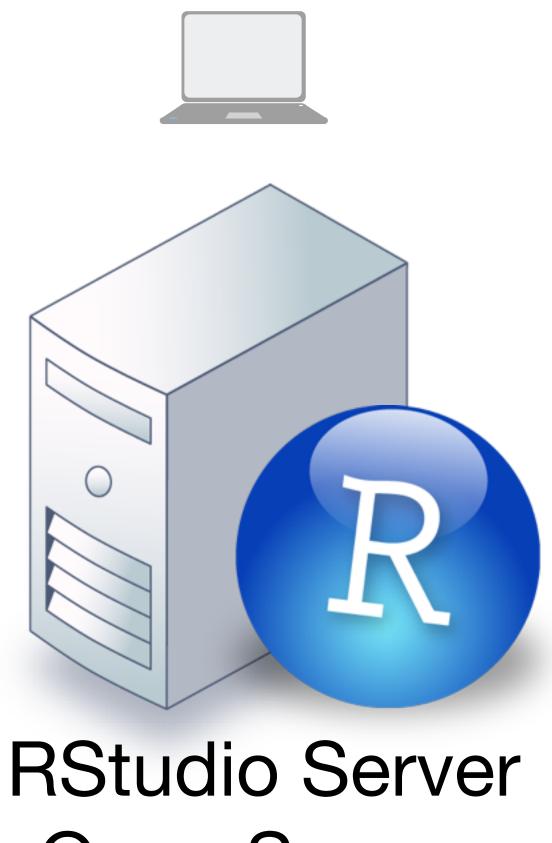
RStudio Desktop IDE



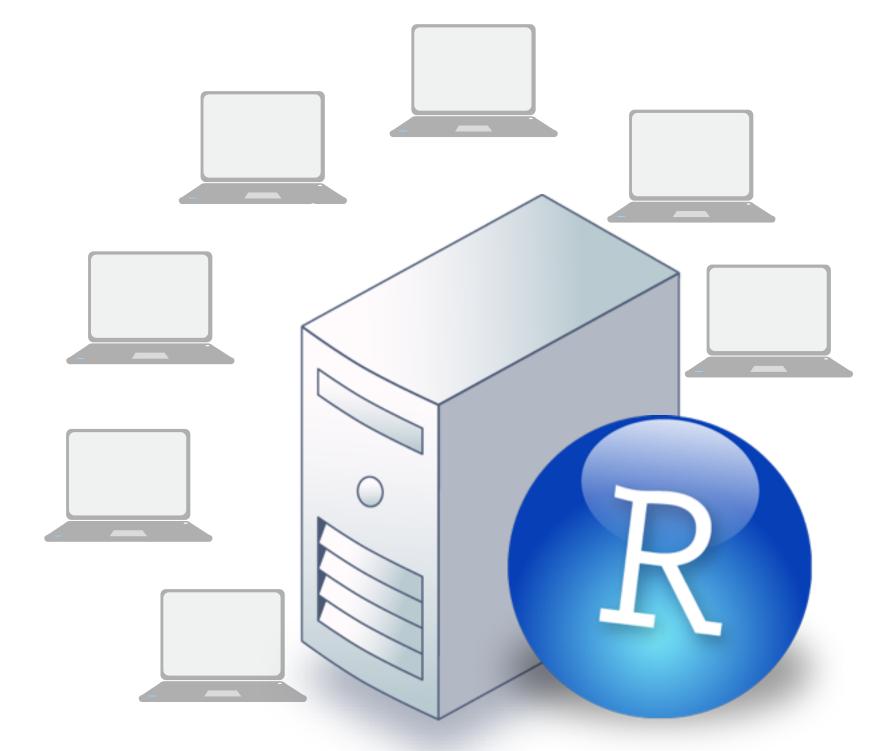
RStudio Server Open Source



RStudio Desktop IDE



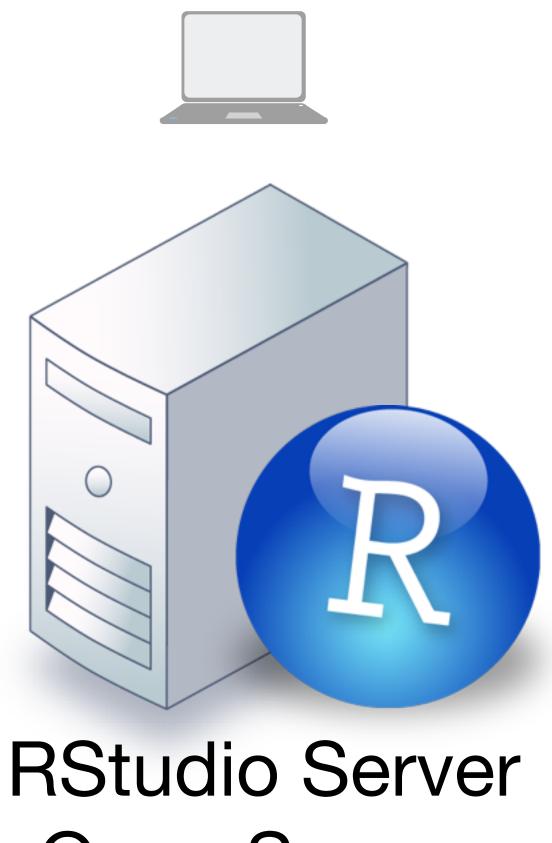
Open Source



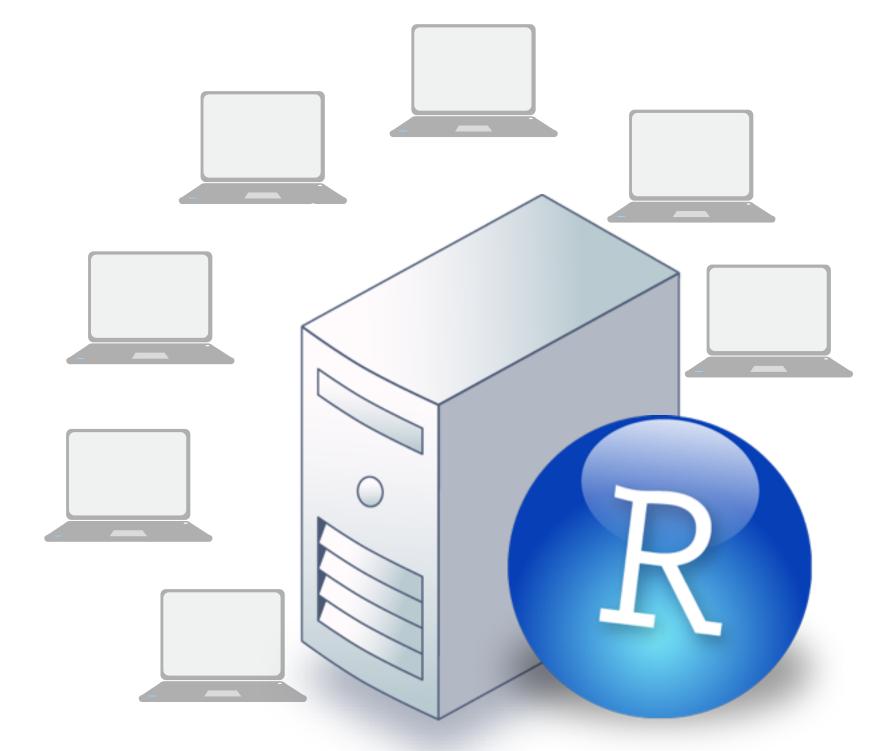
RStudio Server Pro



RStudio Desktop IDE



Open Source



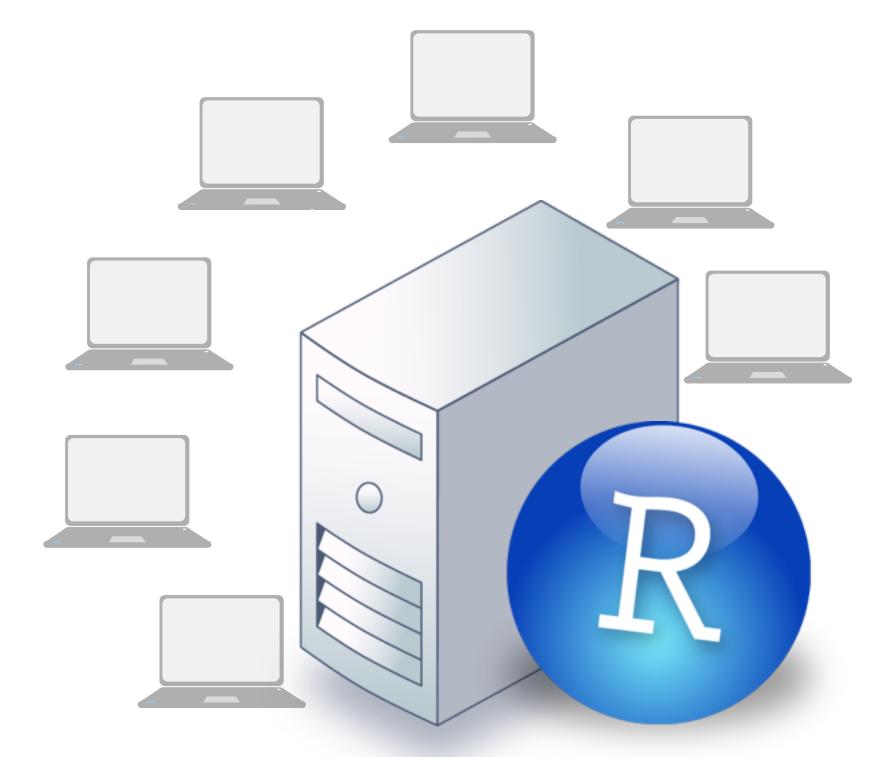
RStudio Server Pro



RStudio Desktop IDE



Open Source

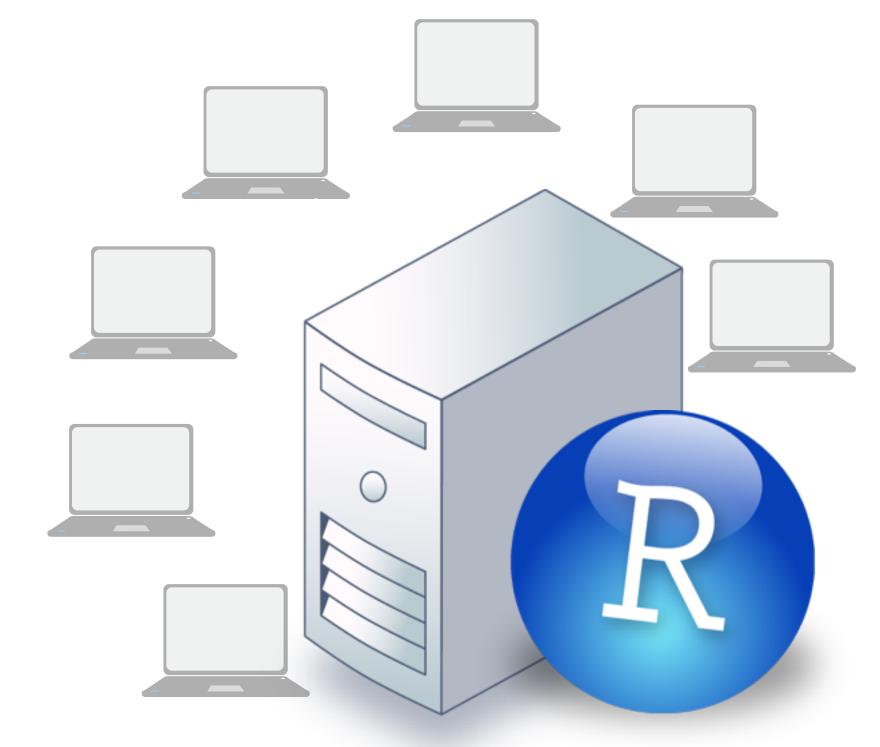


RStudio Server Pro

- Security
- Load balancing
- Administrative tools
- Resource management
- Metrics and monitoring
 Desktop IDE

- Multiple sessions
- Collaborative editing
- Easy R versioning
- Audit history

RStudio Server Open Source



RStudio Server Pro

Series

- 1. Writing Code
- 2. Debugging Code
- 3. Package Writing

Series

- 1. Writing Code
- 2. Debugging Code
- 3. Package Writing
- 4. Efficiency with Projects
- 5. Version control, collaboration with Git
- 6. Reproducibility with Packrat

PC

Last Command

1

1

Last Matching Command

Command + 1

Control + 1

Tab Completion

Tab

Tab

PC

Run Selection Command + Enter Control + Enter

Source Command + Shift + S Control + Shift + S

Source with Echo Command + Shift + Enter Control + Shift + Enter

Move focus to console Control + 2

Move focus to source Control + 1

PC

<-	Option + -	Alt + -
%>%	Command + Shift + M	Control + Shift + M
Comment	Control + Shift + C	Control + Shift + C
Reflow Comment	Control + Shift + /	Control + Shift + /
Undo	Command + Z	Control + Z
Redo	Command + Shift + Z	Control + Shift + Z
Shortcuts Reference	Option + Shift + K	Alt + Shift + K

Multiple cursors

Control + Option + 1

Control + Alt + 1

Control + Option + ◆

Control + Alt + ◆

Control + Option + Click

Control + Alt + Click

PC

Go to line Command + Shift + Option + G

Shift + Alt + G

Find and Replace Command + F

Control + F

Find in files Command + Shift + F

Control + Shift + F

Close all folds

Command + Option + O

Alt + O

Open all folds

Command + Shift + Option + O

Alt + Shift + O