

RStudio IDE :: CHEAT SHEET

Documents and Apps

   Open Shiny, R Markdown, knitr, Sweave, LaTeX, .Rd files and more in Source Pane

Check spelling  Render output  Choose output format  Choose output location  Insert code chunk 

Jump to previous chunk  Jump to next chunk  Run selected lines  Publish to server  Show file outline 

Access markdown guide at **Help > Markdown Quick Reference**

Jump to chunk  Set knitr chunk options  Run this and all previous code chunks  Run this code chunk 

RStudio recognizes that files named **app.R**, **server.R**, **ui.R**, and **global.R** belong to a shiny app

Run app  Choose location to view app  Publish to shinyapps.io or server  Manage publish accounts 

Debug Mode

Open with **debug()**, **browser()**, or a breakpoint. RStudio will open the debugger mode when it encounters a breakpoint while executing code.

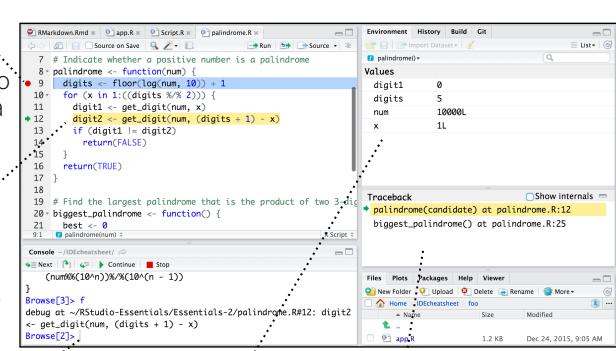
Click next to line number to add/remove a breakpoint.

Highlighted line shows where execution has paused

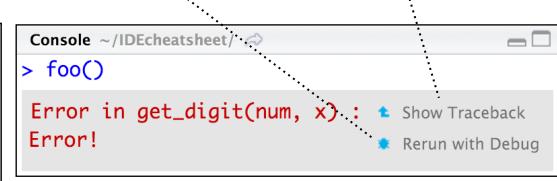
Run commands in environment where execution has paused

Examine variables in executing environment

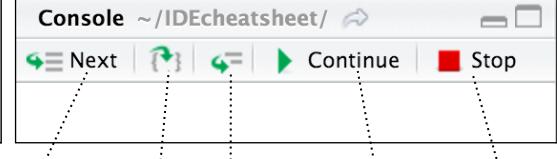
Select function in traceback to debug



Launch debugger mode from origin of error



Open traceback to examine the functions that R called before the error occurred



Step through code one line at a time

Step into and out of functions to run

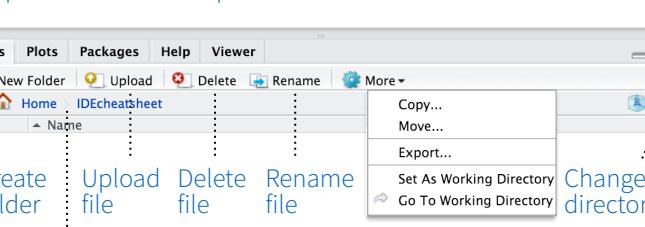
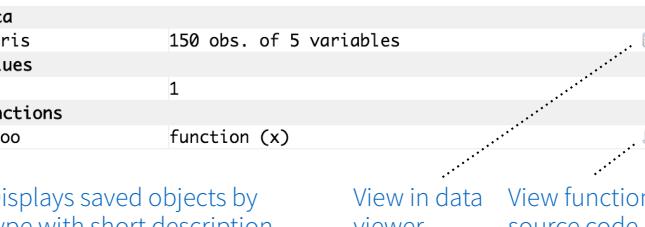
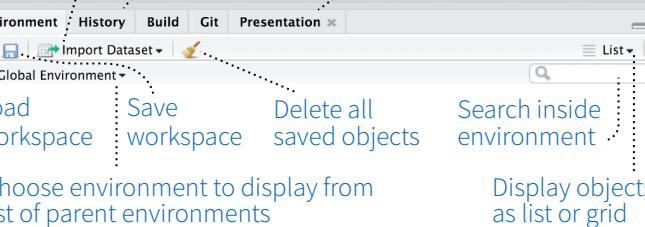
Resume execution mode

R Support

 Import data with wizard

History of past commands to run/copy

Display .RPres slideshows
File > New File > R Presentation

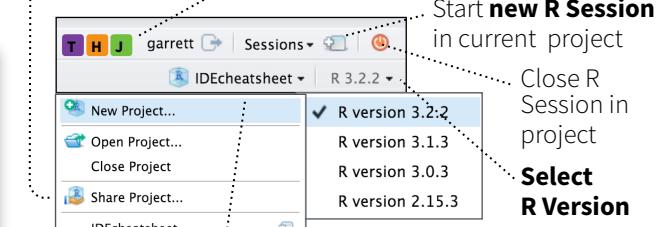


Path to displayed directory
Maximize, minimize panes
Drag pane boundaries

A File browser keyed to your working directory. Click on file or directory name to open.

Pro Features

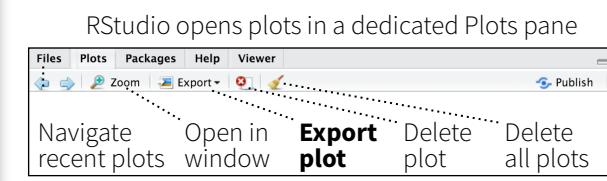
 Share Project Active shared with Collaborators



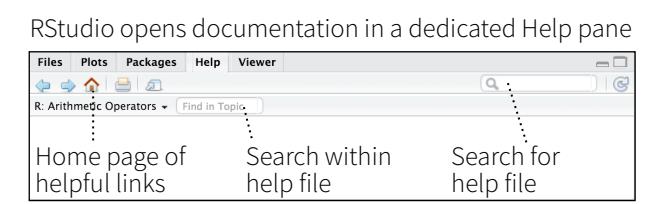
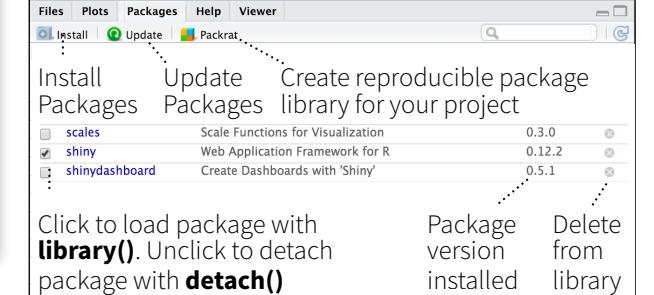
PROJECT SYSTEM

File > New Project

RStudio saves the call history, workspace, and working directory associated with a project. It reloads each when you re-open a project.



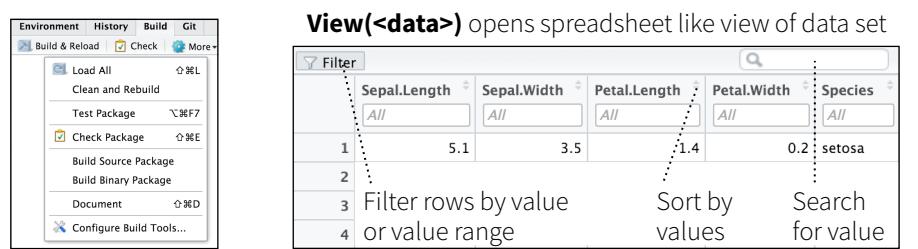
GUI Package manager lists every installed package



Viewer Pane displays HTML content, such as Shiny apps, RMarkdown reports, and interactive visualizations



View(<data>) opens spreadsheet like view of data set



1 LAYOUT

Move focus to Source Editor
Move focus to Console
Move focus to Help
Show History
Show Files
Show Plots
Show Packages
Show Environment
Show Git/SVN
Show Build

Windows/Linux Mac
Ctrl+1 Ctrl+1
Ctrl+2 Ctrl+2
Ctrl+3 Ctrl+3
Ctrl+4 Ctrl+4
Ctrl+5 Ctrl+5
Ctrl+6 Ctrl+6
Ctrl+7 Ctrl+7
Ctrl+8 Ctrl+8
Ctrl+9 Ctrl+9
Ctrl+0 Ctrl+0

2 RUN CODE

Search command history

Navigate command history
Move cursor to start of line
Move cursor to end of line
Change working directory

Interrupt current command

Clear console

Quit Session (desktop only)

Restart R Session

Run current (retain cursor)
Run from current to end
Run the current function
Source a file

Source the current file

Source with echo

Windows/Linux Mac

Ctrl+↑ Cmd+↑
↑/↓ ↑/↓
Home Cmd+←
End Cmd+→
Ctrl+Shift+H Ctrl+Shift+H
Esc Esc
Ctrl+L Ctrl+L
Ctrl+Q Cmd+Q
Ctrl+Shift+F10 Cmd+Shift+F10
Ctrl+Enter Cmd+Enter
Alt+Enter Option+Enter
Ctrl+Alt+E Cmd+Option+E
Ctrl+Alt+F Cmd+Option+F
Ctrl+Alt+G Cmd+Option+G
Ctrl+Shift+S Cmd+Shift+S
Ctrl+Shift+Enter Cmd+Shift+Enter

3 NAVIGATE CODE

Goto File/Function

Fold Selected Alt+L
Unfold Selected Shift+Alt+L
Fold All Alt+O
Unfold All Shift+Alt+O
Go to line Shift+Alt+G
Jump to Shift+Alt+J
Switch to tab Ctrl+Shift+.
Previous tab Ctrl+F11
Next tab Ctrl+F12
First tab Ctrl+Shift+F11
Last tab Ctrl+Shift+F12
Navigate back Ctrl+F9
Navigate forward Ctrl+F10
Jump to Brace Ctrl+P
Select within Braces Ctrl+Shift+Alt+E
Use Selection for Find Ctrl+F3
Find in Files Ctrl+Shift+F
Find Next Win: F3, Linux: Ctrl+G
Find Previous W: Shift+F3, L:
Jump to Word Ctrl+←/→
Jump to Start/End Ctrl+↑/↓
Toggle Outline Ctrl+Shift+O

Windows /Linux

Mac

Ctrl+. Ctrl+.
Cmd+Option+L
Cmd+Shift+Option+L
Cmd+Option+O
Cmd+Shift+Option+O
Cmd+Shift+Option+G
Cmd+Shift+Option+J
Ctrl+Shift+.
Ctrl+F11
Ctrl+F12
Ctrl+Shift+F11
Ctrl+Shift+F12
Ctrl+F9
Ctrl+F10
Ctrl+P
Ctrl+Shift+Option+E
Cmd+E
Cmd+Shift+F
Cmd+G
Cmd+Shift+G
Option+←/→
Cmd+↑/↓
Ctrl+Shift+O

4 WRITE CODE

Attempt completion

Navigate candidates
Accept candidate
Dismiss candidates
Undo Ctrl+Z
Redo Ctrl+Shift+Z
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Select All Ctrl+A
Delete Line Ctrl+D

Windows /Linux

Tab or Ctrl+Space

↑/↓ Enter, Tab, or →
Esc
Ctrl+Z
Ctrl+Shift+Z
Ctrl+X
Ctrl+C
Ctrl+V
Ctrl+A
Ctrl+D
Shift+[Arrow]
Ctrl+Shift+←/→
Alt+Shift+←
Alt+Shift+→
Shift+PageUp/Down
Shift+Alt+↑/↓
Ctrl+Backspace

Mac

Tab or Cmd+Space

↑/↓ Enter, Tab, or →
Esc
Cmd+Z
Cmd+Shift+Z
Cmd+X
Cmd+C
Cmd+V
Cmd+A
Cmd+D
Shift+[Arrow]
Option+Shift+←/→
Cmd+Shift+←
Cmd+Shift+→
Shift+PageUp/Down
Cmd+Shift+↑/↓
Ctrl+Opt+Backspace
Option+Delete
Ctrl+K
Option+Backspace
Tab (at start of line)
Shift+Tab

WHY RSTUDIO SERVER PRO?

RSP extends the open source server with a commercial license, support, and more:

- open and run multiple R sessions at once
- tune your resources to improve performance
- edit the same project at the same time as others
- see what you and others are doing on your server
- switch easily from one version of R to a different version
- integrate with your authentication, authorization, and audit practices

Download a free 45 day evaluation at
www.rstudio.com/products/rstudio-server-pro/



5 DEBUG CODE

Windows/Linux	Mac
Toggle Breakpoint	Shift+F9
Execute Next Line	F10
Step Into Function	Shift+F4
Finish Function/Loop	Shift+F6
Continue	Shift+F5
Stop Debugging	Shift+F8

6 VERSION CONTROL

Windows/Linux	Mac
Show diff	Ctrl+Alt+D
Commit changes	Ctrl+Alt+M
Scroll diff view	Ctrl+↑/↓
Stage/Unstage (Git)	Spacebar
Stage/Unstage and move to next	Enter

7 MAKE PACKAGES

Windows/Linux	Mac
Build and Reload	Ctrl+Shift+B
Load All (devtools)	Cmd+Shift+L
Test Package (Desktop)	Cmd+Shift+T
Test Package (Web)	Ctrl+Alt+F7
Check Package	Ctrl+Shift+E
Document Package	Cmd+Shift+D

8 DOCUMENTS AND APPS

Windows/Linux	Mac
Preview HTML (Markdown, etc.)	Ctrl+Shift+K
Knit Document (knitr)	Cmd+Shift+K
Compile Notebook	Ctrl+Shift+K
Compile PDF (TeX and Sweave)	Ctrl+Shift+K
Insert chunk (Sweave and Knitr)	Ctrl+Alt+I
Insert code section	Ctrl+Shift+R
Re-run previous region	Ctrl+Shift+P
Run current document	Ctrl+Alt+R
Run from start to current line	Cmd+Option+B
Run the current code section	Cmd+Option+T
Run previous Sweave/Rmd code	Ctrl+Alt+P
Run the current chunk	Ctrl+Alt+C
Run the next chunk	Ctrl+Alt+N
Sync Editor & PDF Preview	Ctrl+F8
Previous plot	Ctrl+Alt+F11
Next plot	Ctrl+Alt+F12
Show Keyboard Shortcuts	Alt+Shift+K
	Option+Shift+K