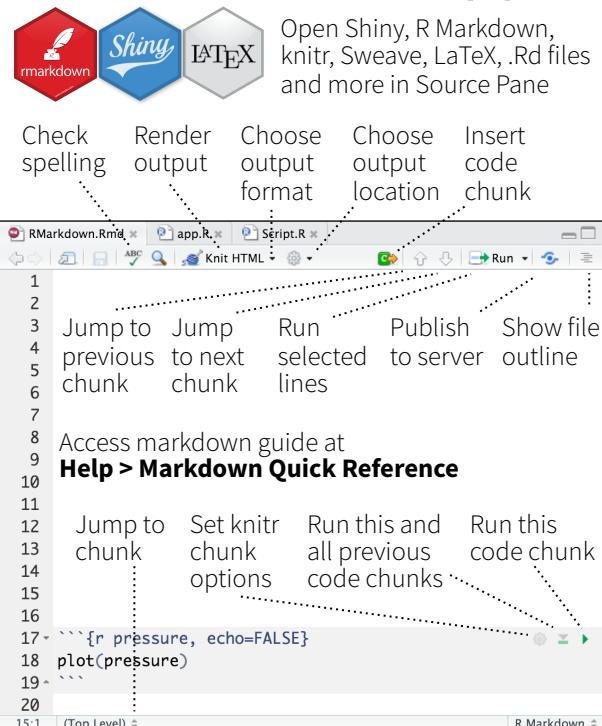
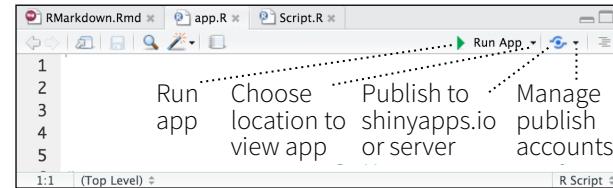


RStudio IDE :: CHEAT SHEET

Documents and Apps



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



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

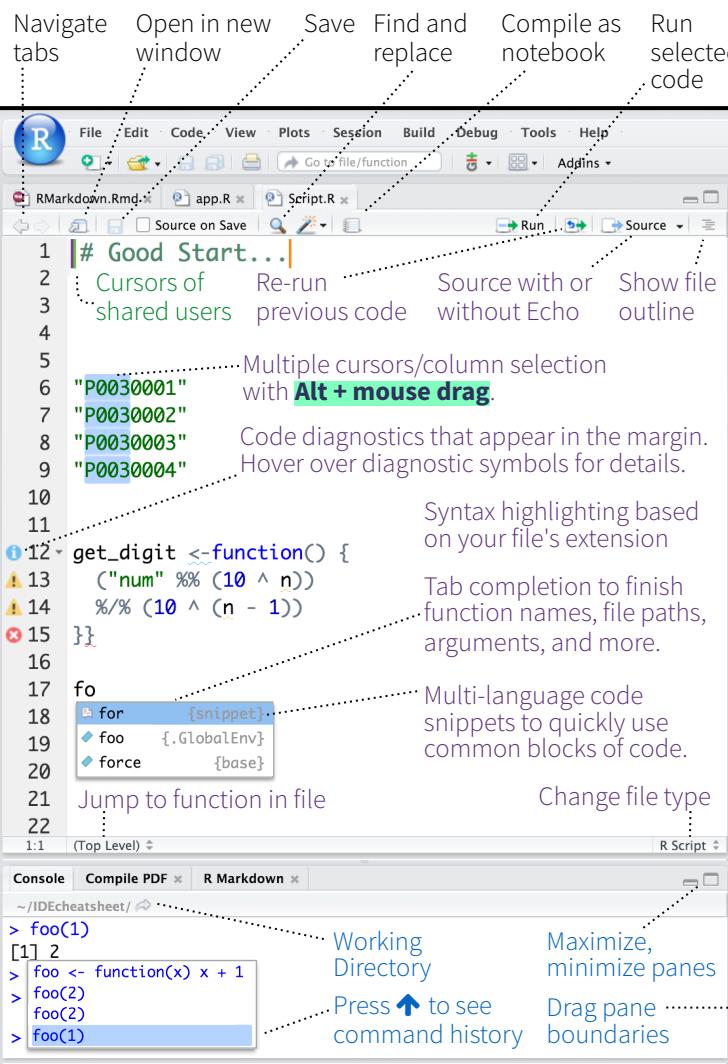
Examine variable
in executing
environment

Select function
in traceback to
debug

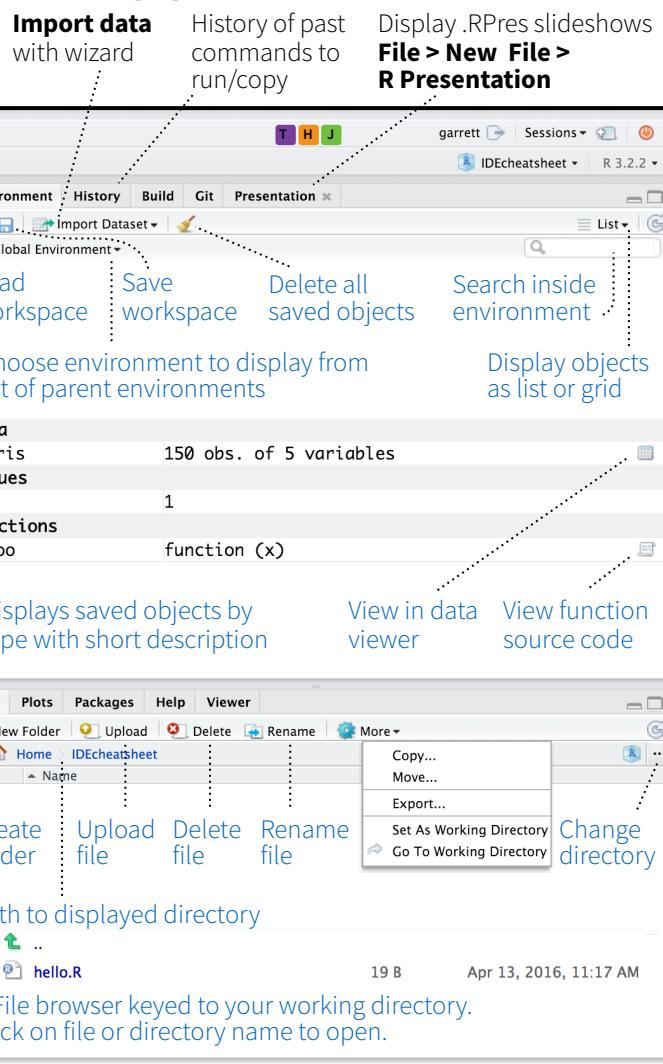
Step 1 code at a time

Step through code one line at a time Step into and out of functions to run Resume execution mode Quit debug mode

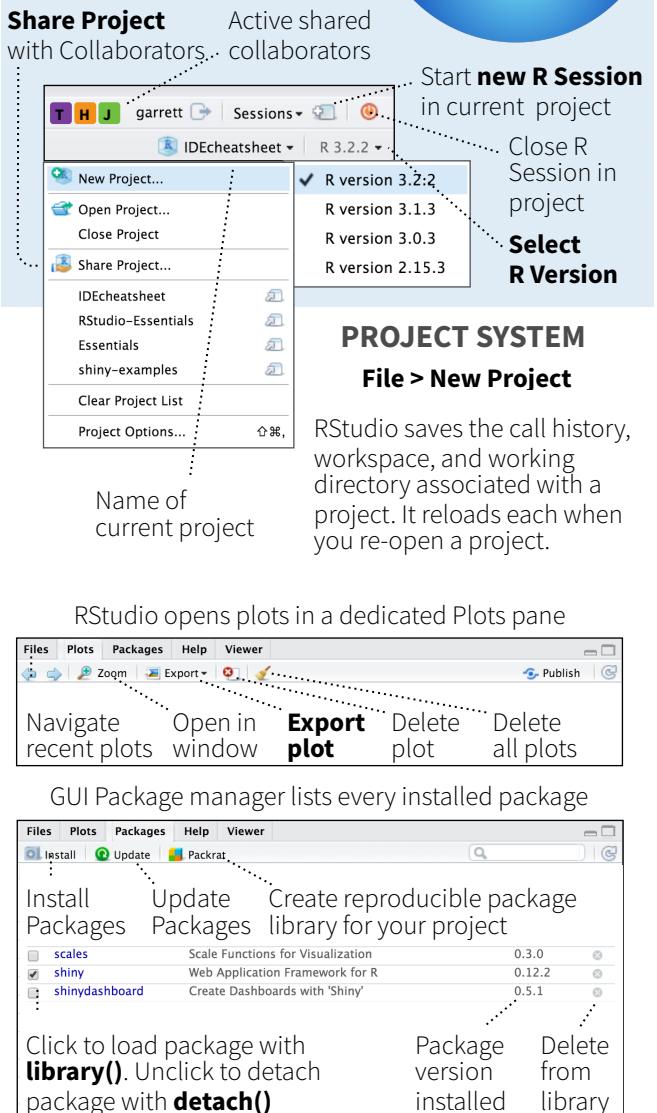
Write Code



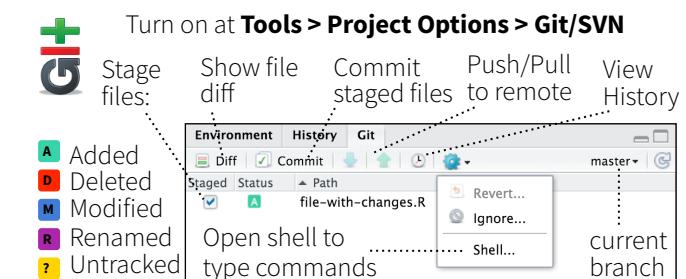
R Support



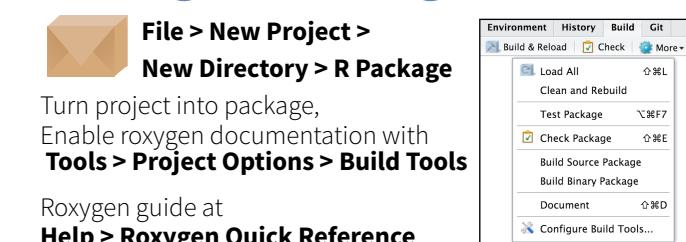
Pro Features



Version Control with Git or SVN



Package Writing





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 line/selection
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

4 WRITE CODE

Attempt completion

Navigate candidates
Accept candidate
Dismiss candidates
Undo
Redo
Cut
Copy
Paste
Select All
Delete Line

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+←/→

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+←/→

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

6 VERSION CONTROL

Windows/Linux Mac

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

7 MAKE PACKAGES

Windows/Linux Mac

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

8 DOCUMENTS AND APPS

Windows/Linux Mac

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

3 NAVIGATE CODE

Windows /Linux

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

4 NAVIGATE CODE

(Un)Comment lines

Reflow Comment

Reformat Selection

Select within braces

Show Diagnostics

Transpose Letters

Move Lines Up/Down

Copy Lines Up/Down

Add New Cursor Above

Add New Cursor Below

Move Active Cursor Up

Move Active Cursor Down

Find and Replace

Use Selection for Find

Replace and Find

Windows /Linux

Tab (at start of line)

Tab (at start of line)

Shift+Tab

Ctrl+U

Ctrl+K

Ctrl+Y

Alt+-

Ctrl+Shift+M

F1

F2

Ctrl+Shift+N

Ctrl+Alt+Shift+N

Ctrl+O

Ctrl+S

Ctrl+W

Ctrl+Alt+W

Ctrl+Shift+W

Ctrl+Alt+X

Ctrl+Option+V

Ctrl+I

Ctrl+Shift+C

Ctrl+Shift+/

Ctrl+Shift+A

Ctrl+Shift+E

Ctrl+Shift+E

Ctrl+Shift+Opt+P

Ctrl+T

Alt+↑/↓

Shift+Alt+↑/↓

Cmd+Option+↑/↓

Ctrl+Option+Up

Ctrl+Option+Down

Ctrl+Option+Shift+Up

Ctrl+Opt+Shift+Down

Ctrl+Shift+J

Mac

Tab or Cmd+Space

Enter, Tab, or →

Esc

Ctrl+Z

Ctrl+Shift+Z

Cmd+X

Cmd+C

Cmd+V

Cmd+A

Cmd+D

Shift+[Arrow]

Option+Shift+←/→

Cmd+Shift+←

Cmd+Shift+→

Shift+PageUp/Down

Shift+Alt+↑/↓

Ctrl+Opt+Backspace

Option+Delete

Ctrl+K

Option+Backspace

Tab (at start of line)

Shift+Tab

Ctrl+U

Ctrl+K

Ctrl+Y

Alt+-

Ctrl+Shift+M

F1

F2

Cmd+Shift+N