RStudio IDE:: CHEATSHEET

25

[1] 3

[-2 + 3

3 + 4 [] View(mtcars)

Terminal × R Markdown

Working

Directory

· Ctrl/Cmd + 1

to see history

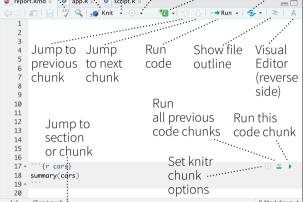
R 4.1.0 ⋅ ~/Desktop/app/

Documents and Apps



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

Check Render Choose Configure Insert Publish spelling output output render format options chunk to server app.R 🖈 📵 script.R :



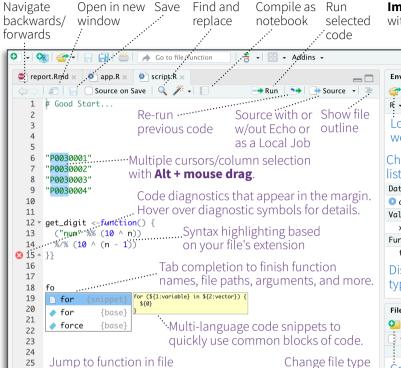
Access markdown guide at

Help > Markdown Quick Reference See reverse side for more on Visual Editor

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

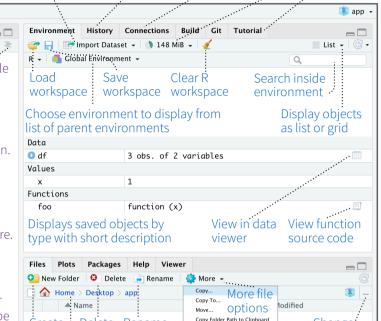


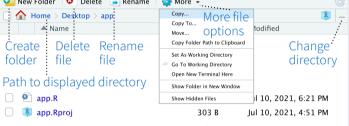
Source Editor



Tab Panes

Manage R tutorials **Import data** History of past View with wizard commands to external memory run/copy databases usage





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

R Script \$

Maximize,

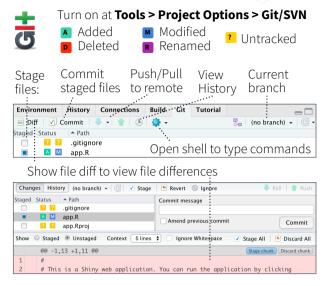
Drag pane

boundaries

separate sessions minimize panes

Version Control





Debug Mode

Use **debug()**, **browser()**, or a breakpoint and execute your code to open the debugger mode.





Package Development



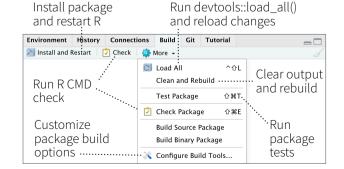
Create a new package with

File > New Project > New Directory > R Package Enable roxygen documentation with

Tools > Project Options > Build Tools

Roxygen guide at Help > Roxygen Quick Reference

See package information in the **Build Tab**



RStudio opens plots in a dedicated **Plots** page

Run scripts in

R Markdown

Build Log

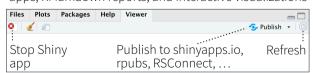
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RStudio opens documentation in a dedicated **Help** pane

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



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

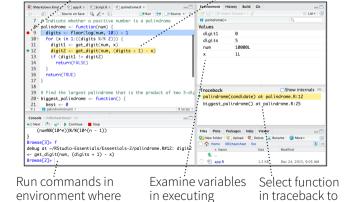
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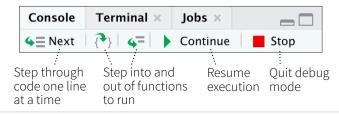
Click next to line number to add/remove a breakpoint.

execution has paused

Highlighted line shows where execution has paused

debug





environment



Keyboard Shortcuts

RUN CODE Ctrl+**↑** Cmd+↑ Search command history Interrupt current command Esc Esc Ctrl+L Ctrl+L Clear console

Ctrl+.

Alt+-

Ctrl+Shift+M

Ctrl+Shift+C

Ctrl+Shift+L

Ctrl+Shift+T

Ctrl+Shift+D

Windows/Linux

NAVIGATE CODE

Go to File/Function

WRITE CODE

Attempt completion

Insert <- (assignment operator)</pre> Insert |> or %>% (pipe operator) (Un)Comment selection

MAKE PACKAGES

Block

format

Load All (devtools) Test Package (Desktop) **Document Package**

Windows/Linux Mac

Ctrl+.

Option+-

Mac

Choose

Cmd+Shift+M

Cmd+Shift+C

Cmd+Shift+L

Cmd+Shift+T

Cmd+Shift+D

Choose

Tab or Ctrl+Space Tab or Ctrl+Space

Knit Document (knitr) Insert chunk (Sweave & Knitr) Run from start to current line

DOCUMENTS AND APPS

Cmd+Shift+K Ctrl+Shift+K Cmd+Option+I Ctrl+Alt+I Ctrl+Alt+B Cmd+Option+B

MORE KEYBOARD SHORTCUTS

Keyboard Shortcuts Help Show Command Palette

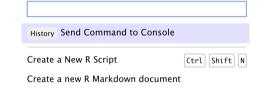
Alt+Shift+K Option+Shift+K Ctrl+Shift+P Cmd+Shift+P

View the Keyboard Shortcut Quick Reference with Tools > Keyboard Shortcuts or Alt/Option + Shift + K

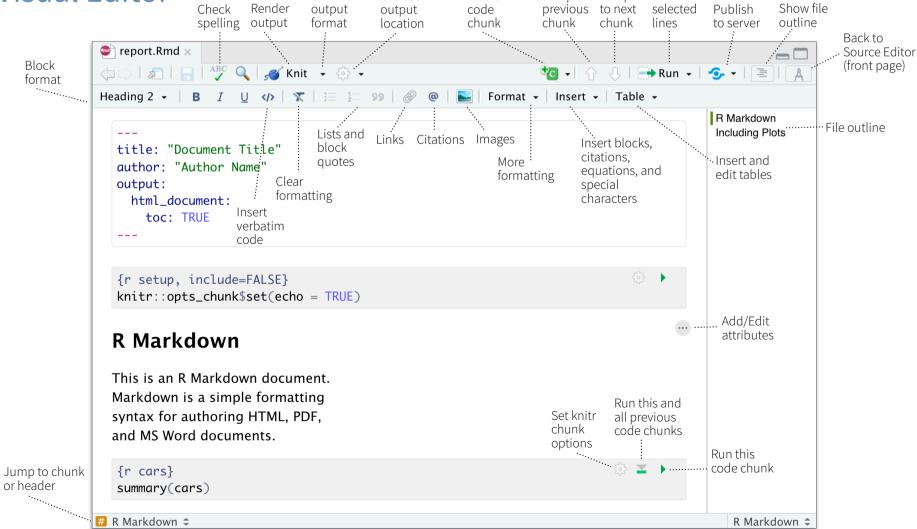


Jump to Jump

Search for keyboard shortcuts with **Tools > Show Command Palette** or Ctrl/Cmd + Shift + P.



Visual Editor



Insert

RStudio Workbench

R Studio

WHY RSTUDIO WORKBENCH?

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

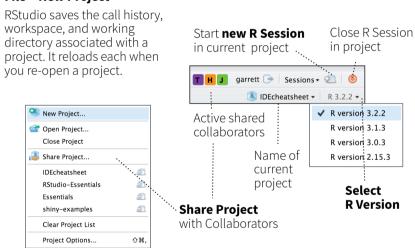
- open and run multiple R sessions at once
- tune your resources to improve performance
- administrative tools for managing user sessions
- collaborate real-time with others in shared projects
- switch easily from one version of R to a different version
- integrate with your authentication, authorization, and audit practices
- work in the RStudio IDE, JupyterLab, Jupyter Notebooks, or VS Code

Download a free 45 day evaluation at

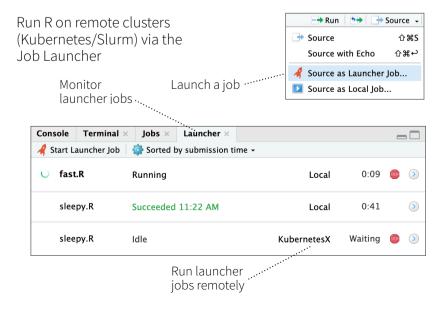
www.rstudio.com/products/workbench/evaluation/

Share Projects

File > New Project



Run Remote Jobs





or header