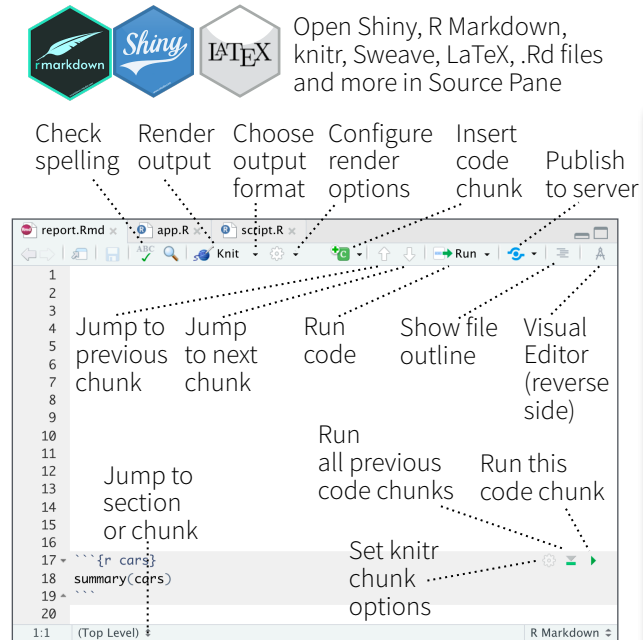


RStudio IDE :: CHEATSHEET

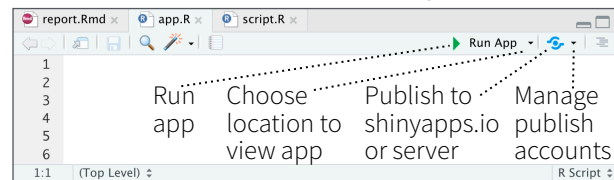


Documents and Apps

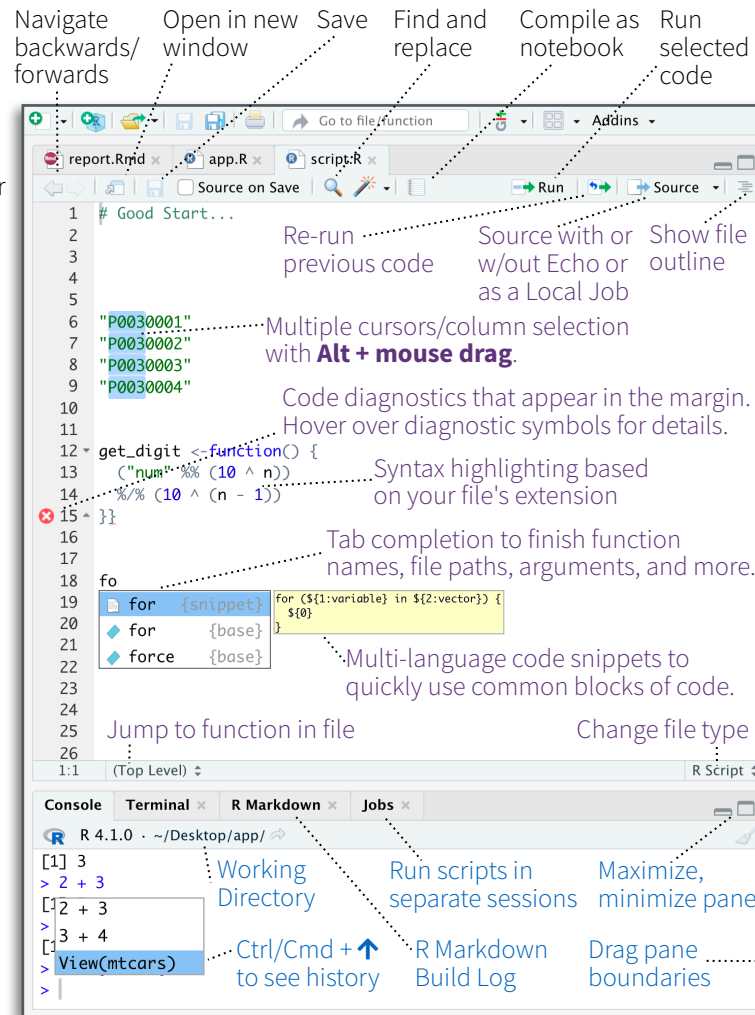


Access markdown guide at **Help > Markdown Quick Reference**
See reverse side for more on **Visual Editor**

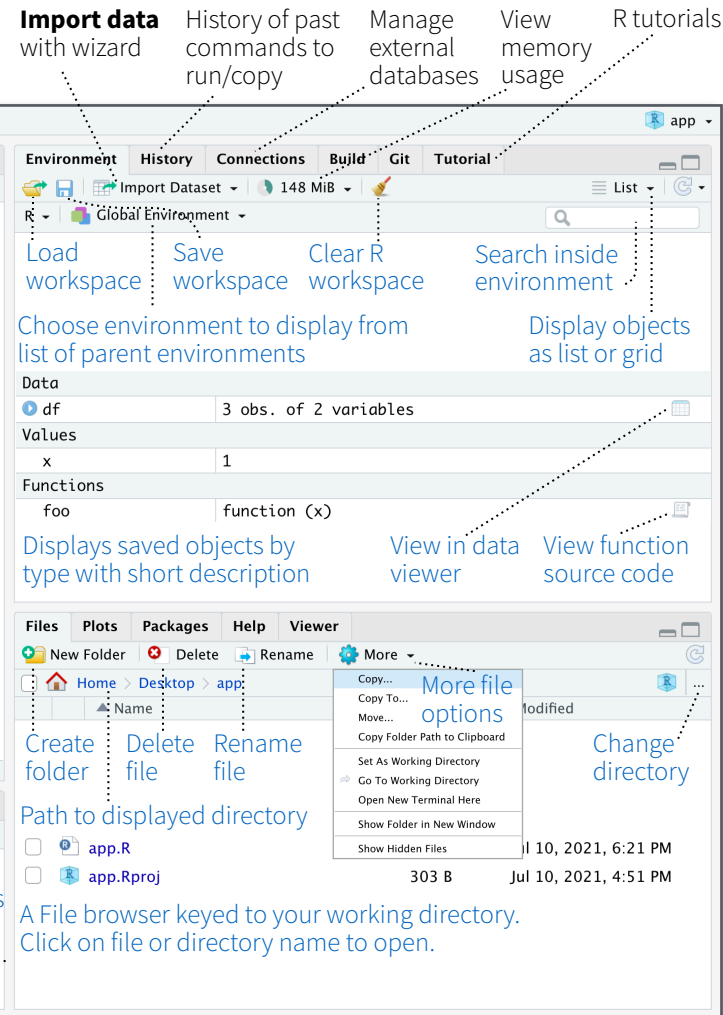
RStudio recognizes that files named **app.R**, **server.R**, **ui.R**, and **global.R** belong to a shiny app



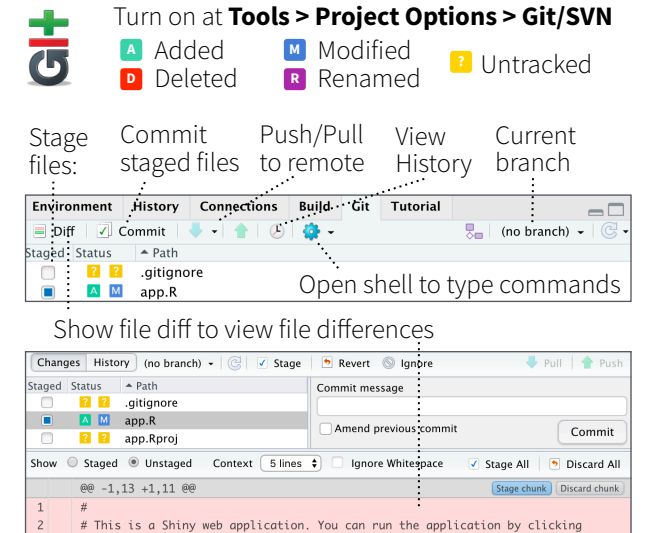
Source Editor



Tab Panes

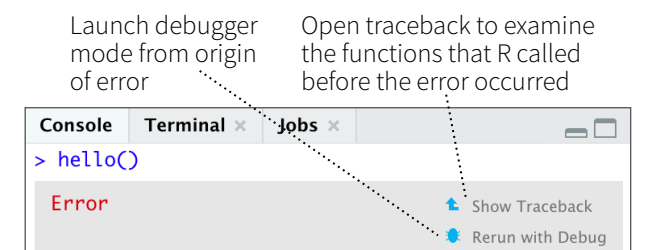


Version Control



Debug Mode

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



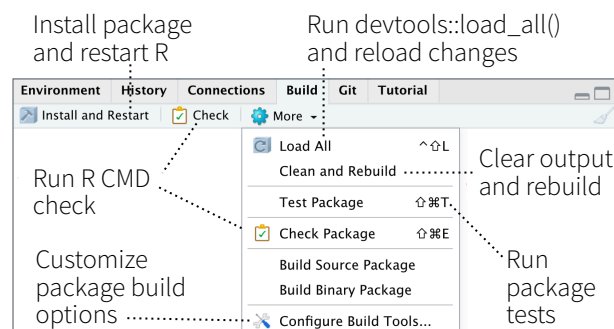
Package Development



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**

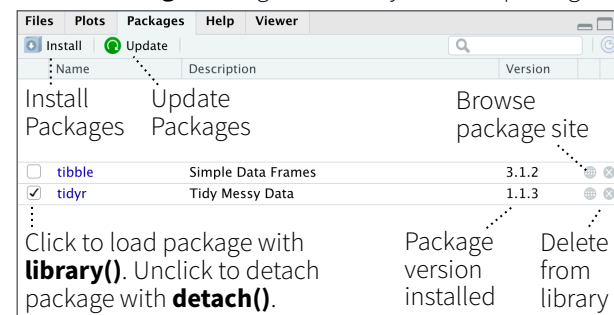
See package information in the **Build Tab**



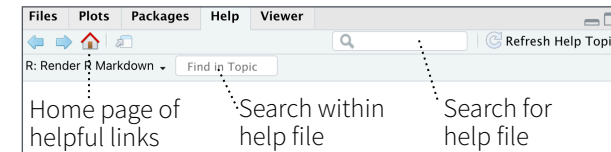
RStudio opens plots in a dedicated **Plots** pane



GUI **Package** manager lists every installed package



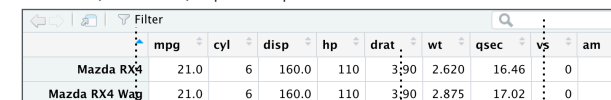
RStudio opens documentation in a dedicated **Help** pane



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



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



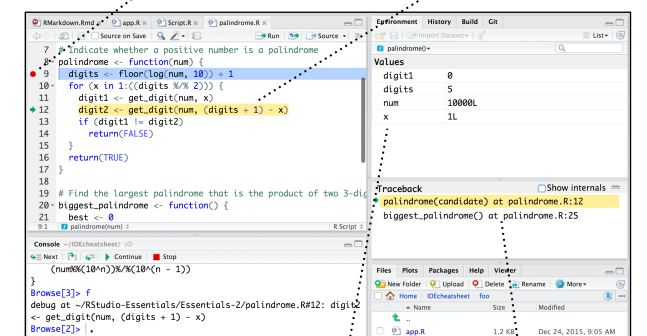
Filter rows by value or value range

Sort by values

Search for value

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

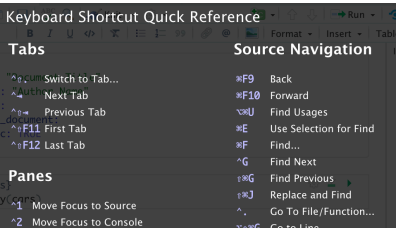


Keyboard Shortcuts

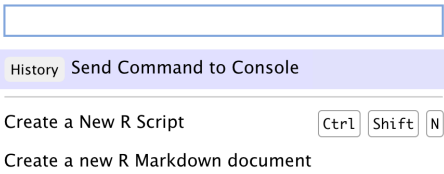
RUN CODE	Windows/Linux	Mac
Search command history	Ctrl+↑	Cmd+↑
Interrupt current command	Esc	Esc
Clear console	Ctrl+L	Ctrl+L
NAVIGATE CODE		
Go to File/Function	Ctrl+.	Ctrl+.
WRITE CODE		
Attempt completion	Tab or Ctrl+Space	Tab or Ctrl+Space
Insert <- (assignment operator)	Alt+-	Option+-
Insert > or %>% (pipe operator)	Ctrl+Shift+M	Cmd+Shift+M
(Un)Comment selection	Ctrl+Shift+C	Cmd+Shift+C
MAKE PACKAGES	Windows/Linux	Mac
Load All (devtools)	Ctrl+Shift+L	Cmd+Shift+L
Test Package (Desktop)	Ctrl+Shift+T	Cmd+Shift+T
Document Package	Ctrl+Shift+D	Cmd+Shift+D

DOCUMENTS AND APPS	Windows/Linux	Mac
Knit/Render Document (knitr)	Ctrl+Shift+K	Cmd+Shift+K
Insert chunk (Sweave & Knitr)	Ctrl+Alt+I	Cmd+Option+I
Run from start to current line	Ctrl+Alt+B	Cmd+Option+B
MORE KEYBOARD SHORTCUTS		
Keyboard Shortcuts Help	Alt+Shift+K	Option+Shift+K
Show Command Palette	Ctrl+Shift+P	Cmd+Shift+P

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



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



Visual Editor

Block format

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

Back to Source Editor (front page)

Heading 2

B

I

U

</>

Format

Insert

Table

title: "Document Title"

author: "Author Name"

output:

html_document:

toc: TRUE

Insert verbatim code

Clear formatting

Lists and block quotes

Links

Citations

Images

More formatting

Insert blocks, citations, equations, and special characters

R Markdown Including Plots

File outline

Insert and edit tables

Add/Edit attributes

Set knitr chunk options

Run this and all previous code chunks

Run this code chunk

Jump to chunk or header

R Markdown

R Markdown

Posit Workbench



WHY POSIT 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 posit.co/products/enterprise/workbench/

Share Projects

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.

Start new R Session in current project

Close R Session in project

Active shared collaborators

Name of current project

Share Project with Collaborators

Select R Version

New Project...

Open Project...

Close Project

Share Project...

IDecheatsheet

RStudio-Essentials

Essentials

shiny-examples

Clear Project List

Project Options...

R version 3.2.2

R version 3.1.3

R version 3.0.3

R version 2.15.3

Run Remote Jobs

Run R on remote clusters (Kubernetes/Slurm) via the Job Launcher

Monitor launcher jobs

Launch a job

Run launcher jobs remotely

Run

Source

Source with Echo

Source as Launcher Job...

Source as Local Job...

Console

Terminal

Jobs

Launcher

Start Launcher Job

Sorted by submission time

fast.R

Running

Local

0:09

sleepy.R

Succeeded 11:22 AM

Local

0:41

sleepy.R

Idle

KubernetesX

Waiting

