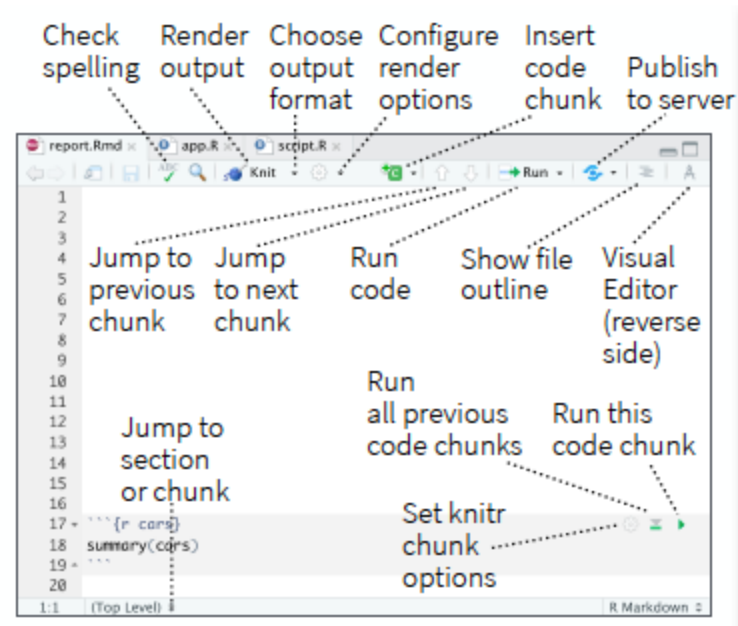




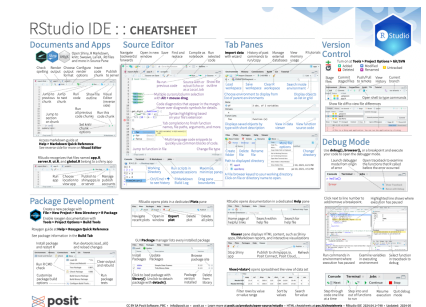
RStudio IDE :: Cheatsheet

Documents and Apps

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



Download PDF



Translations (PDF)

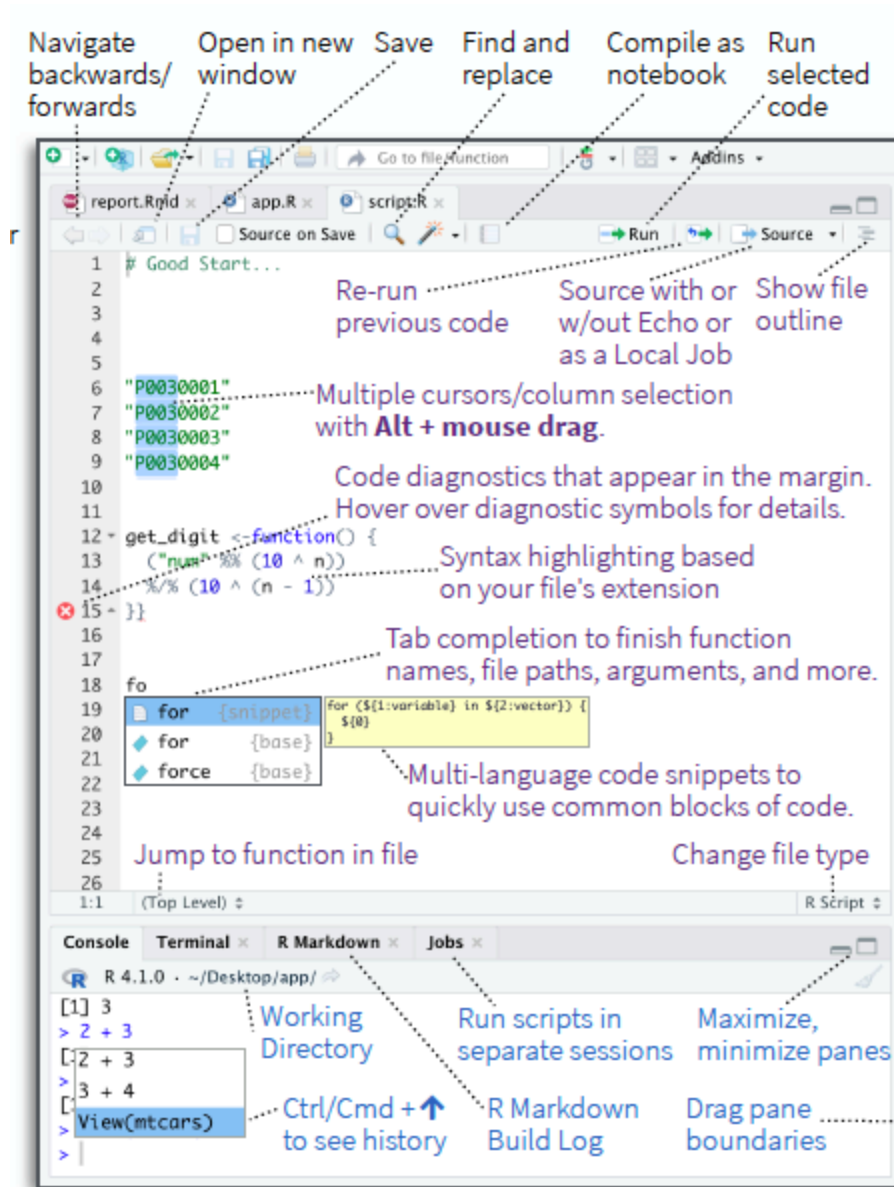
- French
- Greek
- Italian
- Japanese
- Portuguese
- Spanish
- Vietnamese

Expand to read about the features in the RStudio Source Pane

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

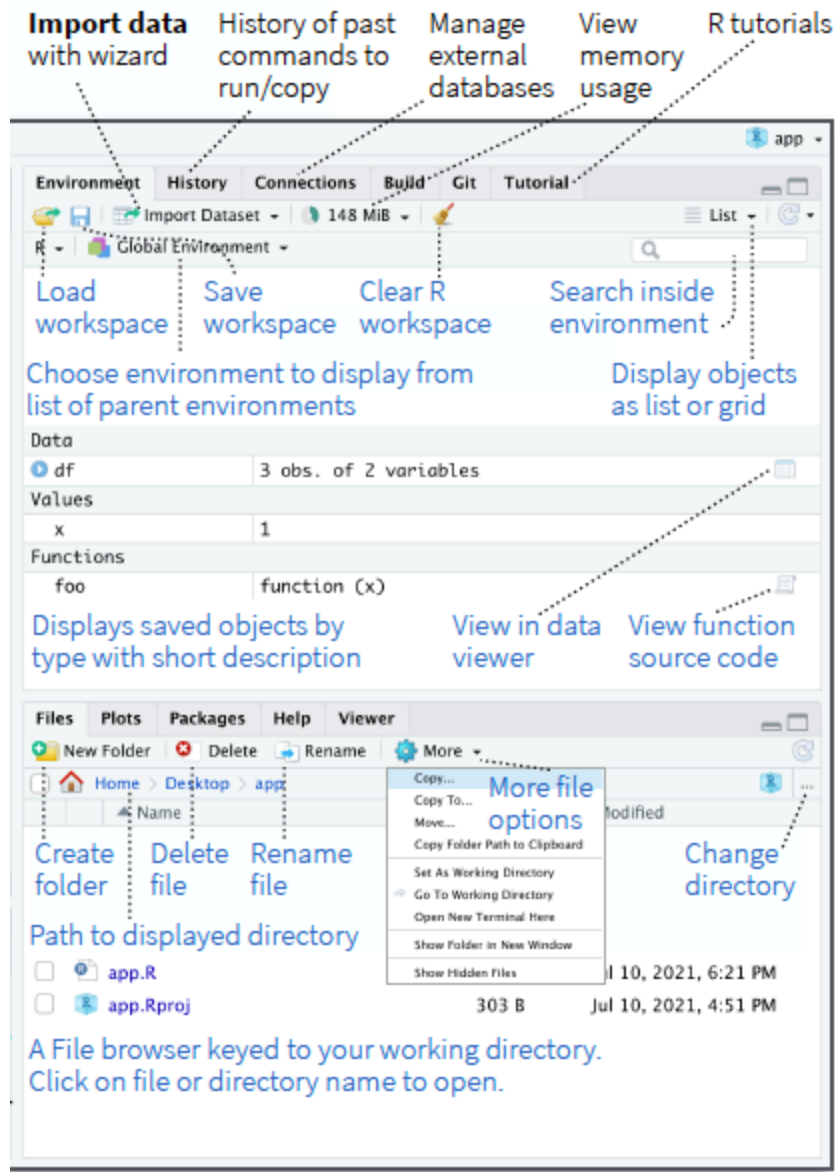
See below for more on Visual Editor.

Source Editor



Expand to read about the features in the Source Editor

Tab Panes

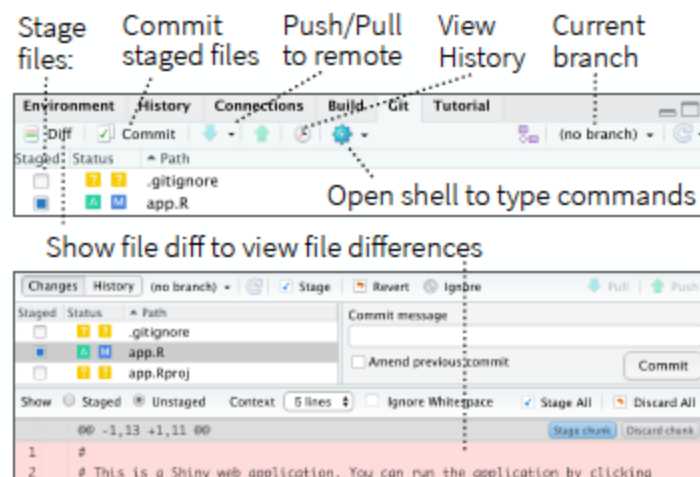


Expand to read about the features in the Tab Panes

Version Control

Turn on at **Tools > Project Options > Git/SVN**

A - Added D - Deleted M - Modified R - Renamed ? - Untracked



Expand to read about the features in the version control view

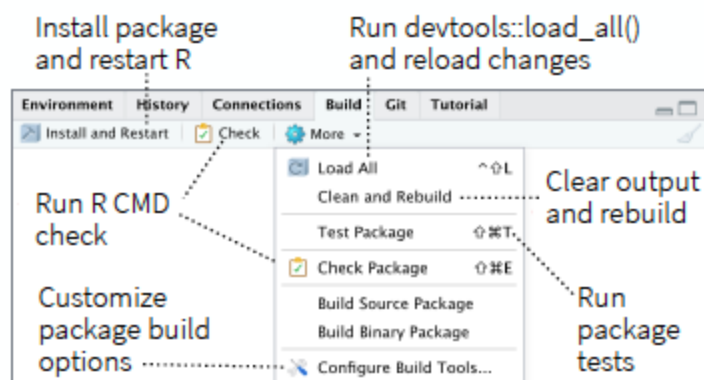
Package Development

Create a new package with **File > New Project > New Directory > R Package**

Enable roxygen documentation with **Tools > Project Options > Build Tools**

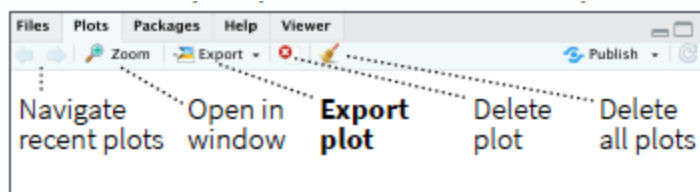
Roxygen guide at **Help > Roxygen Quick Reference**

See package information in the **Build Tab**



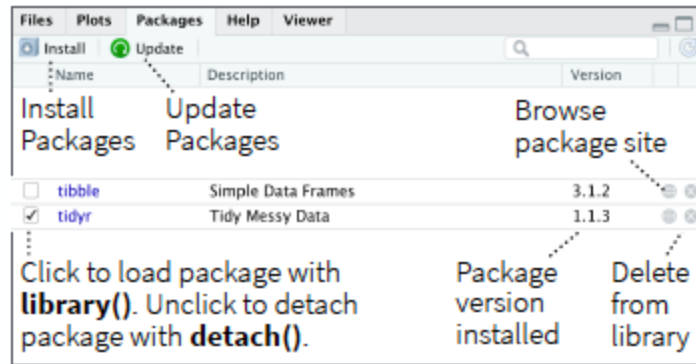
Expand to read about the features in the Build Tab

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



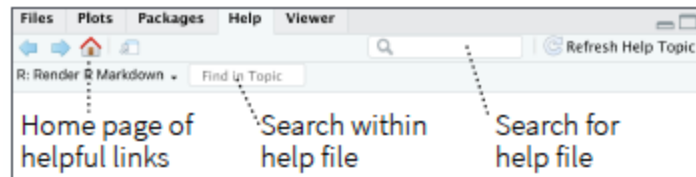
Expand to read about the features in the Plots

GUI **Package** manager lists every installed package



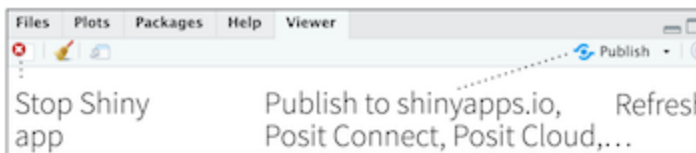
Expand to read about the features in the Package manager

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



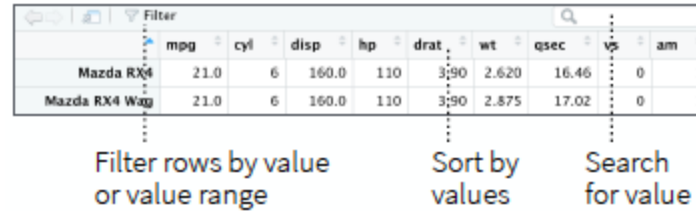
Expand to read about the features in the Help pane

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



Expand to read about the features in the Viewer pane

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



	mpg	cyl	disp	hp	drat	wt	qsec	vs	am
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1

Filter rows by value or value range

Sort by values

Search for value

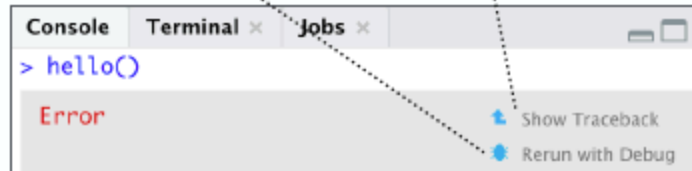
Expand to read about the features in the data set spreadsheet

Debug Mode

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

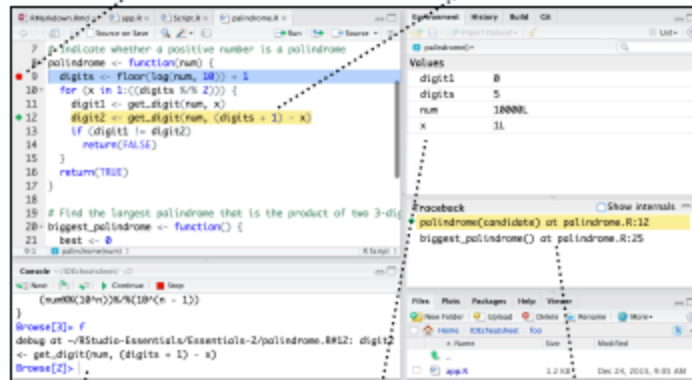
Launch debugger
mode from origin
of error

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



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

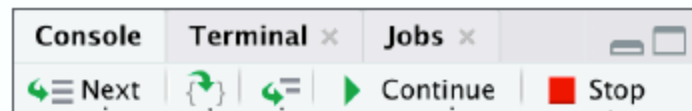
Highlighted line shows where
execution has paused



Run commands in
environment where
execution has paused

Examine variables
in executing
environment

Select function
in traceback to
debug



Step through
code one line
at a time

Step into and
out of functions
to run

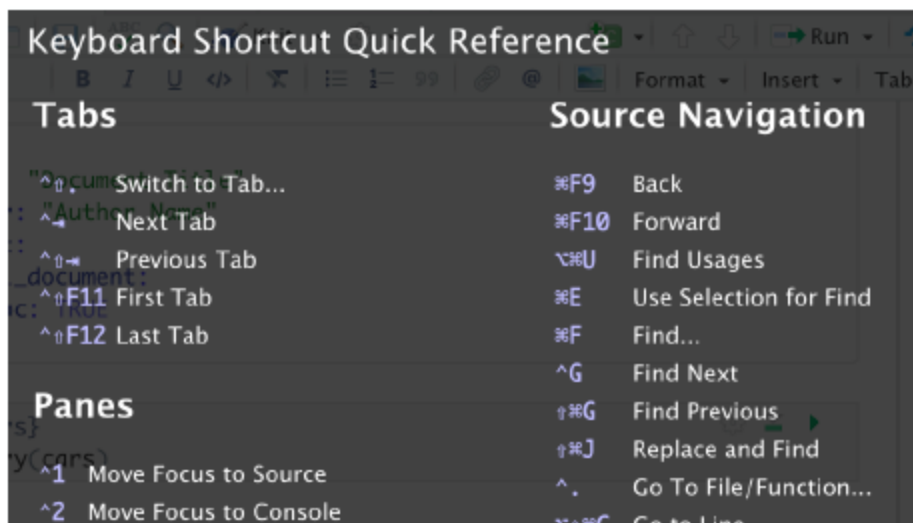
Resume
execution

Quit debug
mode

Expand to read about the features in the debug console

Keyboard Shortcuts

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.

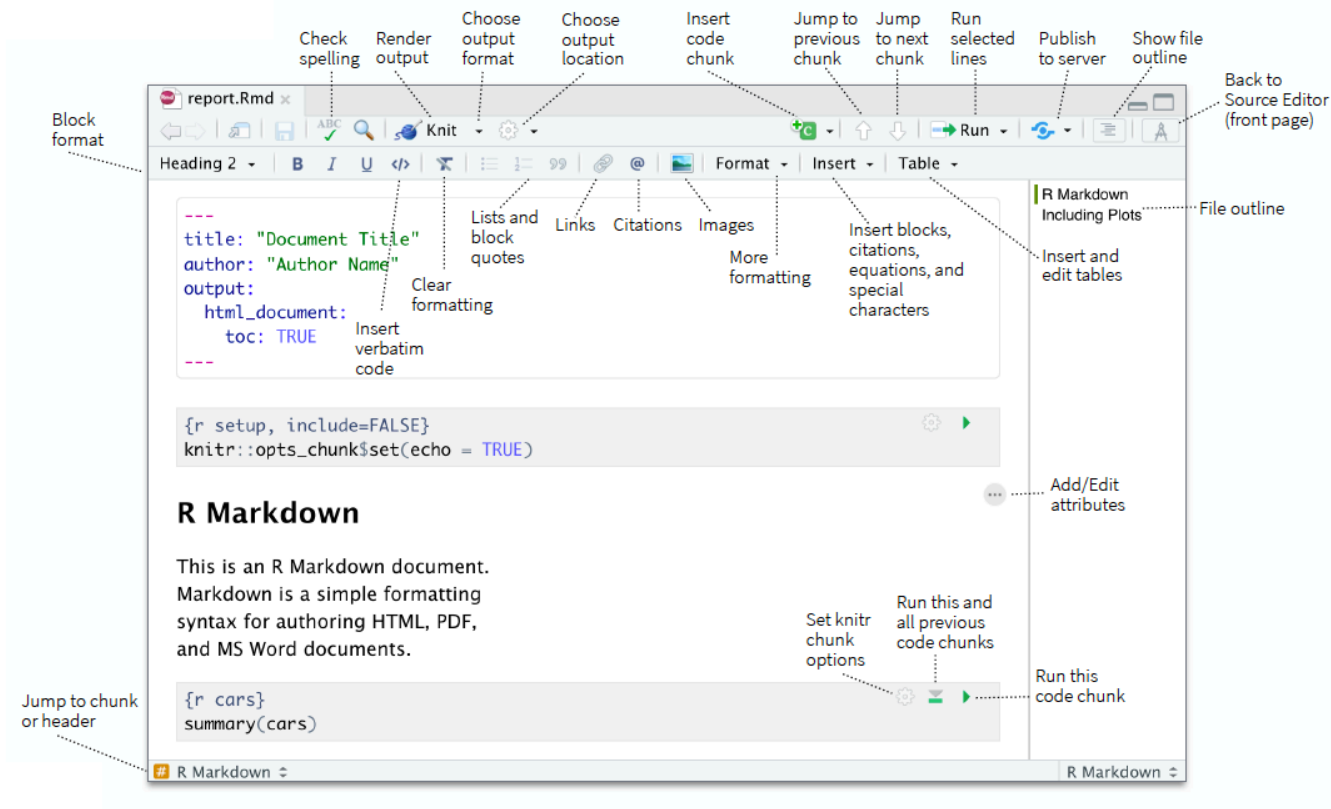
History

Send Command to Console

Create a New R Script Ctrl Shift N

Create a new R Markdown document

Visual Editor



Expand to read about the features in the Visual Editor

Posit Workbench

Why Posit Workbench?

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

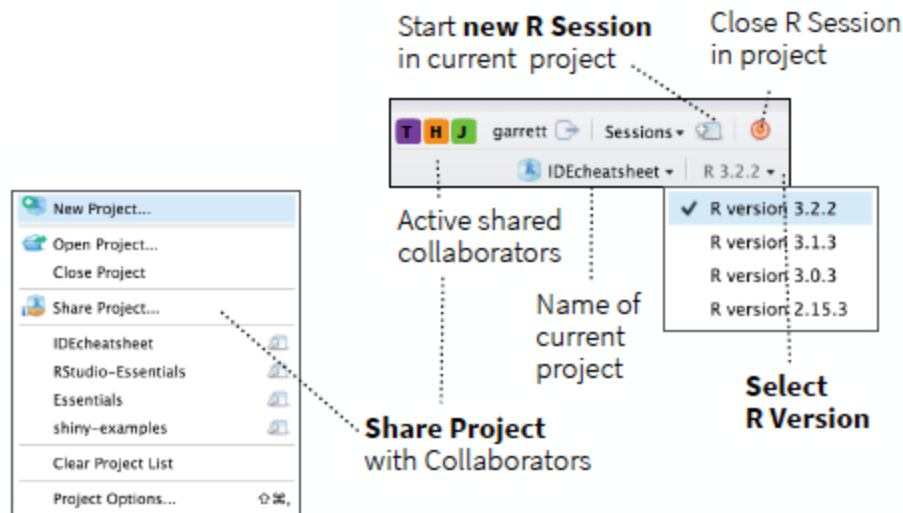
- open and run multiple R sessions at once
- tune your resources to improve performance
- administrative tools for managing user sessions
- collaborate real-time with others in shared projects
- switch easily from one version of R to a different version
- integrate with your authentication, authorization,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

Download a free 45 day evaluation.

Share Projects

File > New Project

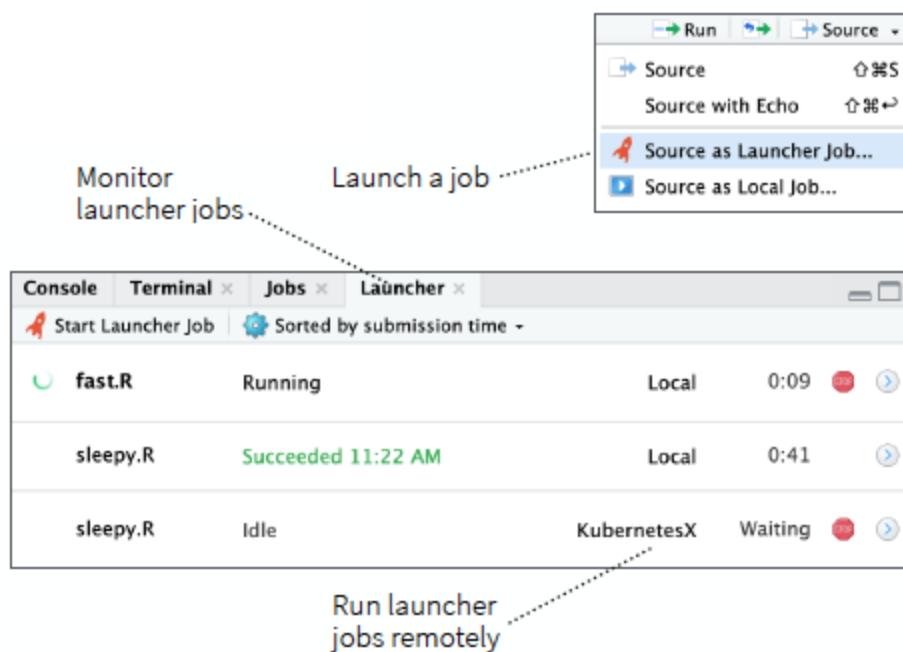
RStudio saves the call history, workspace, and working directory associated with a project. It reloads each when you re-open a project.



Expand to read about the features in the Share Project

Run Remote Jobs

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



Expand to read about the features in the Job Launcher

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Learn more at docs.posit.co/ide/user.

Updated: 2024-05.

RStudio IDE 2024.04.1+748.
