RStudio R IDE shortcuts

START HERE

- Ctrl + Enter — Run line / selection
- Alt + - — Insert assignment
- Ctrl + Shift + Enter — Run chunk / source file
- Ctrl + Shift + M — Insert pipe
- Ctrl + Alt + I — Insert chunk
- Ctrl + Shift + C — Toggle comment
- Ctrl + Shift + K — Knit / render
- Ctrl + 1 / Ctrl + 2 — Source / console

Source (Ctrl+1)	Environment / History
Console (Ctrl+2)	Files / Plots / Help

Default layout; Ctrl+1 / Ctrl+2 jump between the left panes

Keys on macOS

Windows / Linux	macOS
Ctrl+Enter	⌘↩
Alt+-	⌥-
Ctrl+Shift+M	⇧⌘M
Ctrl+Shift+F10	⇧⌘0
Ctrl+.	Ctrl+.

CONCEPTS

Ctrl+Shift+P opens the command palette: every command, with its shortcut.

Keys shown are Windows / Linux. On macOS read Ctrl as ⌘ and Alt as ⌥ for most; Ctrl+1-9 pane keys stay Ctrl.

Alt+Shift+K shows the built-in shortcut overlay; Tools > Modify Keyboard Shortcuts rebinds.

Vim, Emacs or Sublime keybinding modes change some of these.

RUN CODE

- Ctrl + Enter — Run line or selection
  Cursor moves to the next statement; Alt+Enter keeps it in place.
- Ctrl + Shift + Enter — Source file with echo
  In R Markdown / Quarto it runs the current chunk instead.
- Ctrl + Shift + S — Source file
- Ctrl + Alt + R — Run whole document
- Alt + Enter — Run line, keep cursor
- Ctrl + Alt + B — Run from start to line
- Ctrl + Alt + E — Run from line to end
- Ctrl + Alt + F — Run current function definition

R MARKDOWN & QUARTO

- Ctrl + Alt + I — Insert code chunk
- Ctrl + Shift + K — Knit / render document
  Same key previews HTML/Markdown and compiles PDF from TeX.
- Ctrl + Alt + C — Run current chunk
- Ctrl + Alt + N — Run next chunk
- Ctrl + Alt + Shift + P — Run all chunks above
  Handy after restarting R to rebuild state.

CONSOLE & SESSION

- Esc — Interrupt running command
- Ctrl + L — Clear console
- Up / Down — Walk command history
- Ctrl + Shift + F10 — Restart R session
  Attached packages must be loaded again afterwards.
- Ctrl + Up — Popup command history
- Ctrl + Shift + H — Change working directory

EDITING

- Alt + - — Insert assignment operator
- Ctrl + Shift + M — Insert pipe operator
  Global Options > Code picks |> or %>%.
- Ctrl + Shift + C — Comment / uncomment lines
- Tab / Ctrl + Space — Autocomplete
- Ctrl + Z / Ctrl + Shift + Z — Undo / redo
- Ctrl + I — Reindent lines
- Ctrl + Shift + A — Reformat selection
- Ctrl + D — Delete line
- Alt + Up / Alt + Down — Move lines up / down
- Ctrl + Alt + Shift + M — Rename symbol in scope
  Edits every use within the current function or file scope.
- Ctrl + Alt + Shift + R — Insert roxygen skeleton
- Ctrl + Alt + Up / Ctrl + Alt + Down — Add cursor above / below
- Alt + Shift + Click — Rectangular selection

FIND & NAVIGATE

- Ctrl + . — Go to file / function
  Fuzzy search across project files and function names.
- Ctrl + F — Find and replace

FIND & NAVIGATE (cont.)

- F1 — Help for function at cursor
- Shift + Alt + G — Go to line
- Ctrl + Shift + F — Find in files
- F2 — Source of function at cursor
- F3 / Shift + F3 — Find next / previous
  On Linux: Ctrl+G / Ctrl+Shift+G.
- Ctrl + Shift + R — Insert code section
  Sections show in the outline and the Jump To menu.
- Ctrl + Shift + O — Toggle document outline

FILES & TABS

- Ctrl + S — Save
- Ctrl + Shift + N — New R script
  Ctrl+Alt+Shift+N in a Chrome browser session.
- Ctrl + O — Open file
- Ctrl + W — Close document
  Ctrl+Alt+W in a Chrome browser session.
- Ctrl + Tab / Ctrl + Shift + Tab — Next / previous tab (desktop)
  In a browser: Ctrl+Alt+Right / Ctrl+Alt+Left.

PANES

- Ctrl + 1 — Focus source editor
- Ctrl + 2 — Focus console
- Ctrl + Shift + 1 — Zoom source editor
  Press again to restore all panes.
- Ctrl + Shift + 2 — Zoom console
- Ctrl + Alt + Shift + 0 — Show all panes

Show / zoom a pane

Pane	Show	Zoom
Help	Ctrl+3	Ctrl+Shift+3
History	Ctrl+4	Ctrl+Shift+4
Files	Ctrl+5	Ctrl+Shift+5
Plots	Ctrl+6	Ctrl+Shift+6
Packages	Ctrl+7	Ctrl+Shift+7
Environment	Ctrl+8	Ctrl+Shift+8
Viewer	Ctrl+9	Ctrl+Shift+9
Git	Ctrl+F1	Ctrl+Shift+F1
Build	Ctrl+F2	Ctrl+Shift+F2

PANES (cont.)

- Alt + Shift + M — Focus terminal
- Alt + Shift + R — New terminal

DEBUG

- Shift + F9 — Toggle breakpoint
  Takes effect once the file is saved and sourced.
- F10 — Execute next line
- Shift + F4 — Step into function
- Shift + F7 — Finish function / loop
- Shift + F5 — Continue
- Shift + F8 — Stop debugging

PACKAGES & GIT

- Ctrl + Shift + L — Load all (devtools)
- Ctrl + Shift + B — Install and restart
- Ctrl + Shift + T — Test package
  Ctrl+Alt+F7 in a browser session.
- Ctrl + Shift + D — Document package
- Ctrl + Shift + E — Check package
- Ctrl + Alt + M — Commit changes

RECIPES

Quarto chunk loop

```
# Ctrl+Alt+I  insert a chunk
```{r}
#| label: fit
fit ← lm(mpg ~ wt, data = mtcars)
```
Ctrl+Shift+Enter run it
Ctrl+Shift+K render the file
```

Package dev loop

```
# Ctrl+Shift+L
devtools::load_all()
# Ctrl+Shift+D
devtools::document()
# Ctrl+Shift+T
devtools::test()
# Ctrl+Shift+E
devtools::check()
```

Debug a function

```
debugonce(my_fun)  # pause on next call
my_fun(x)
# F10 next line, Shift+F4 step in
# Shift+F7 finish, Shift+F8 stop
```