

RStudio IDE :: CHEAT SHEET

Documents and Apps

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

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 

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

Jump to chunk  Set knitr chunk options  Run this and all previous code chunks  Run this code chunk 

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

Run app  Choose location to view app  Publish to shinyapps.io or server  Manage publish accounts 

Debug Mode

Open with **debug()**, **browse()**, or a breakpoint. RStudio will open the debugger mode when it encounters a breakpoint while executing code.

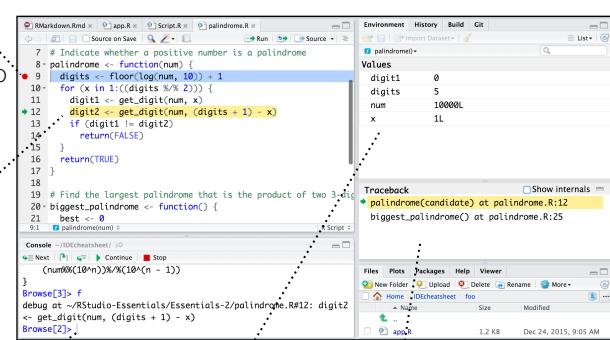
Click next to line number to add/remove a breakpoint.

Highlighted line shows where execution has paused

Run commands in environment where execution has paused

Examine variables in executing environment

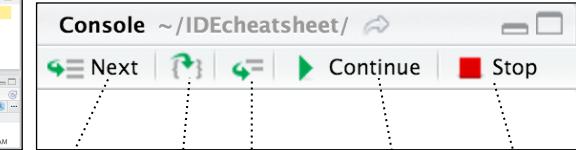
Select function in traceback to debug



Launch debugger mode from origin of error



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



Step through code one line at a time

Step into and out of functions to run

Resume

Quit debug execution mode

R Support

 Import data with wizard

History of past commands to run/copy

Display .RPres slideshows
File > New File > R Presentation

 Load workspace

 Save workspace

 Delete all saved objects

Search inside environment

Choose environment to display from list of parent environments

Display objects as list or grid

 Data

 Values

 Functions

 View in data viewer

 View function source code

 Files

 Plots

 Packages

 Help

 Viewer

 Console

 Compile PDF

 R Markdown

 Build

 Debug

 Tools

Pro Features

 Share Project

Active shared with Collaborators

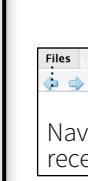
 Start new R Session in current project

 Close R Session in project

 Select R Version

 **PROJECT SYSTEM**
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.

 RStudio opens plots in a dedicated Plots pane

 Navigate in recent plots

 Open in window

 Export plot

 Delete plot

 Delete all plots

 GUI Package manager lists every installed package

 Install Packages

 Update Packages

 Create reproducible package library for your project

 Click to load package with **library()**. Unclick to detach package with **detach()**

 Package version installed

 Delete from library

 RStudio opens documentation in a dedicated Help pane

 Files

 Plots

 Packages

 Help

 Viewer

 Home page of helpful links

 Search within help file

 Search for help file

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

 Stop Shiny app

 Publish to shinyapps.io, rpubs, RSConnect, ...

 Refresh

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

 Filter rows by value or value range

 Sort by values

 Search for value

Version Control with Git or SVN

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

 Stage files:

 Added

 Deleted

 Modified

 Renamed

 Untracked

 Show file diff

 Commit

 Push/Pull staged files to remote

 View History

 Environment

 History

 Git

 master

 current branch

 Revert...

 Ignore...

 Shell...

 file-with-changes.R

 Open shell to type commands

 master

 current branch

 file-with-changes.R

 Open shell to type commands

 master

 current branch

 file-with-changes.R

 Open shell to type commands

 master

 current branch

<img alt="File icon" data-bbox="500 1888 5

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 (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

3 NAVIGATE CODE

Goto File/Function

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

Windows /Linux

Mac Ctrl+.
Ctrl+.
Cmd+Option+L
Cmd+Shift+Option+L
Cmd+Option+O
Cmd+Shift+Option+O
Cmd+Shift+Option+G
Cmd+Shift+Option+J
Ctrl+Shift+.
Ctrl+F11
Ctrl+F12
Ctrl+Shift+F11
Ctrl+Shift+F12
Ctrl+F9
Ctrl+F10
Ctrl+P
Ctrl+Shift+Alt+E
Cmd+E
Cmd+Shift+F
Cmd+G
Cmd+Shift+G
Option+←/→
Cmd+↑/↓
Ctrl+Shift+O

4 WRITE CODE

Attempt completion

Navigate candidates
Accept candidate
Dismiss candidates
Undo Ctrl+Z
Redo Ctrl+Shift+Z
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Select All Ctrl+A
Delete Line Ctrl+D

Select Shift+[Arrow]
Select Word Ctrl+Shift+←/→

Select to Line Start Alt+Shift+←
Select to Line End Alt+Shift+→

Select Page Up/Down Shift+PageUp/Down

Select to Start/End Shift+Alt+↑/↓

Delete Word Left Ctrl+Backspace

Delete Word Right

Delete to Line End

Delete to Line Start

Indent Tab (at start of line)

Outdent Shift+Tab

Yank line up to cursor Ctrl+U

Yank line after cursor Ctrl+K

Insert yanked text Ctrl+Y

Insert <-

Insert %>%

Show help for function F1

Show source code F2

New document Ctrl+Shift+N

New document (Chrome) Ctrl+Alt+Shift+N

Open document Ctrl+O

Save document Ctrl+S

Close document Ctrl+W

Close document (Chrome) Ctrl+Alt+W

Close all documents Ctrl+Shift+W

Extract function Ctrl+Alt+X

Extract variable Ctrl+Alt+V

Reindent lines Ctrl+I

(Un)Comment lines

Reflow Comment Ctrl+Shift+/

Reformat Selection Ctrl+Shift+A

Select within braces Ctrl+Shift+E

Show Diagnostics Ctrl+Shift+Alt+P

Transpose Letters Ctrl+T

Move Lines Up/Down Alt+↑/↓

Copy Lines Up/Down Shift+Alt+↑/↓

Add New Cursor Above Ctrl+Alt+Up

Add New Cursor Below Ctrl+Alt+Down

Move Active Cursor Up Ctrl+Alt+Shift+Up

Move Active Cursor Down Ctrl+Alt+Shift+Down

Find and Replace Ctrl+F

Use Selection for Find Ctrl+F3

Replace and Find Ctrl+Shift+J

Windows /Linux

Tab or Ctrl+Space

↑/↓ Enter, Tab, or →
Esc Ctrl+Z
Ctrl+Shift+Z
Cmd+X
Cmd+C
Cmd+V
Cmd+A
Cmd+D

Shift+[Arrow] Shift+[Arrow]

Option+Shift+←/→ Option+Shift+←/→

Alt+Shift+← Alt+Shift+→

Shift+PageUp/Down Shift+PageUp/Down

Cmd+Shift+↑/↓ Cmd+Shift+↑/↓

Ctrl+Opt+Backspace Ctrl+Opt+Backspace

Option+Delete Option+Delete

Ctrl+K Ctrl+K

Option+Backspace Option+Backspace

Tab (at start of line) Tab (at start of line)

Shift+Tab Shift+Tab

Ctrl+U Ctrl+U

Ctrl+K Ctrl+K

Ctrl+Y Ctrl+Y

Alt+- Alt+-

Ctrl+Shift+M Ctrl+Shift+M

F1 F1

F2 F2

Cmd+Shift+N Cmd+Shift+N

Cmd+Shift+Opt+N Cmd+Shift+Opt+N

Cmd+O Cmd+O

Ctrl+S Cmd+S

Cmd+W Cmd+W

Cmd+Option+W Cmd+Option+W

Cmd+Shift+W Cmd+Shift+W

Cmd+Alt+X Cmd+Option+X

Cmd+Alt+V Cmd+Option+V

Cmd+I Cmd+I

Ctrl+Shift+C Ctrl+Shift+C

Ctrl+Shift+/ Cmd+Shift+/

Ctrl+Shift+A Cmd+Shift+A

Ctrl+Shift+E Ctrl+Shift+E

Ctrl+Shift+Opt+P Cmd+Shift+Opt+P

Ctrl+T Ctrl+T

Option+↑/↓ Option+↑/↓

Shift+Alt+↑/↓ Shift+Alt+↑/↓

Cmd+Option+↑/↓ Cmd+Option+↑/↓

Ctrl+Alt+Up Ctrl+Option+Up

Ctrl+Alt+Down Ctrl+Option+Down

Ctrl+Alt+Shift+Up Ctrl+Option+Shift+Up

Ctrl+Alt+Shift+Down Ctrl+Option+Shift+Down

Ctrl+F Cmd+F

Ctrl+F3 Cmd+E

Ctrl+Shift+J Cmd+Shift+J

Mac

Tab or Cmd+Space

↑/↓ Enter, Tab, or →
Esc

Shift+[Arrow] Shift+[Arrow]

Option+Shift+←/→ Option+Shift+←/→

Alt+Shift+← Alt+Shift+→

Shift+PageUp/Down Shift+PageUp/Down

Cmd+Shift+↑/↓ Cmd+Shift+↑/↓

Ctrl+Opt+Backspace Ctrl+Opt+Backspace

Option+Delete Option+Delete

Ctrl+K Ctrl+K

Option+Backspace Option+Backspace

Tab (at start of line) Tab (at start of line)

Shift+Tab Shift+Tab

Ctrl+U Ctrl+U

Ctrl+K Ctrl+K

Ctrl+Y Ctrl+Y

Alt+- Alt+-

Ctrl+Shift+M Ctrl+Shift+M

F1 F1

F2 F2

Cmd+Shift+N Cmd+Shift+N

Cmd+Shift+Opt+N Cmd+Shift+Opt+N

Cmd+O Cmd+O

Ctrl+S Cmd+S

Cmd+W Cmd+W

Cmd+Option+W Cmd+Option+W

Cmd+Shift+W Cmd+Shift+W

Cmd+Alt+X Cmd+Option+X

Cmd+Alt+V Cmd+Option+V

Cmd+I Cmd+I

Ctrl+Shift+C Ctrl+Shift+C

Ctrl+Shift+/ Cmd+Shift+/

Ctrl+Shift+A Cmd+Shift+A

Ctrl+Shift+E Ctrl+Shift+E

Ctrl+Shift+Opt+P Cmd+Shift+Opt+P

Ctrl+T Ctrl+T

Option+↑/↓ Option+↑/↓

Shift+Alt+↑/↓ Shift+Alt+↑/↓

Cmd+Option+↑/↓ Cmd+Option+↑/↓

Ctrl+Alt+Up Ctrl+Option+Up

Ctrl+Alt+Down Ctrl+Option+Down

Ctrl+Alt+Shift+Up Ctrl+Option+Shift+Up

Ctrl+Alt+Shift+Down Ctrl+Option+Shift+Down

Ctrl+F Cmd+F

Ctrl+F3 Cmd+E

Ctrl+Shift+J Cmd+Shift+J

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
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