RStudio IDE :: **cheat sheet**

Documents and Apps

Write Code

Navigate Open in new

window



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

Show file selected to server outline chunk code Publish output c Choose Choose output format . Run Jump to Jump previous to next spelling output

Help > Markdown Quick Reference lines

Jump to Set knitr Run this and Run this chunk all previous code chunk options code chunks '``{r pressure, echo=FALSE}
plot(pressure) 10 11 12 13 14 15 16 17 17 20 20

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

accounts Choose Publish to Manage location to shinyapps.io publish view app or server accounts Run App. - 3

R Support

Import data with wizard Save Find and Compile as notebook

replace

History of past commands to run/copy selected . code

d - | Si - | Addins -

(2) RMarkdown.Rmd.× (2) app.R × (2) Script.R × Source on Save Q 🔀 -

1 |# Good Start...

Start new R Session

in current project

THJ garrett 🕞 Sessions - 🕘 🥹... ■ IDEcheatsheet ■ R 3.2.2 ■ ...

Share Project Active shared with Collaborators.. collaborators

Pro Features

Close R

R Version

R version 2.15.3

Select

PROJECT SYSTEM

File > New Project

shiny-examples Clear Project List

Essentials

project

✓ R version 3.2:2 R version 3.1.3 R version 3.0.3

Close Project

Share Project..

Display .RPres slideshows Display objects as list or grid . List ▼. Search inside environment File > New File > R Presentation Delete all saved objects 150 obs. of 5 variables Choose environment to display from Environment : History Build Git Presentation × list of parent environments workspace 🚅 🛅 Import Dataset 🗸 💉 . workspace Load Data Oiris Values Source with or Show file without Echo outline → Run | → Source → | ■

RStudio saves the call history,

36 ¢1

Project Options.

project. It reloads each when

you re-open a project.

current project

Name of

RStudio opens plots in a dedicated Plots pane

workspace, and working directory associated with a

View function source code View in data Viewer Export... function (x) type with short description Displays saved objects by Files Plots Packages Help Viewer

On Upload On Delete
Anne IDEchasisheet a Functions foo Change file type Code diagnostics that appear in the margin. Hover over diagnostic symbols for details. Tab completion to finish function names, file paths,

Syntax highlighting based on your file's extension

olumn selection

with Alt + mouse drag.

"P0030003" "P0030001"

Cursors of Re-run shared users previous code

R Script \$

snippets to quickly use common blocks of code.

Jump to function in file

Console Compile PDF * R Markdown

Multi-language code

arguments, and more.

Set As Working Directory Change Upload Delete Rename file file Path to displayed directory O Phello.R Create 1 folder 1

Apr 13, 2016, 11:17 AM A File browser keyed to your working directory. Click on file or directory name to open. Maximize, minimize panes

Drag pane boundaries

command history

Press 4 to see

Working Directory

<- function(x) x + 1

[1] 2

foo(2) foo(2)

Package Delete Create reproducible package Packages Packages library for your project Click to load package with **library()**. Unclick to detach package with **detach()** Files Plots Packages Help Viewer Update scales shiny shinydashboard Install Version Control with Git or SVN

GUI Package manager lists every installed package

Delete

Open in **Export** Delete

Navigate Open in recent plots window

RStudio opens documentation in a dedicated Help pane Search for Search within Home page of helpful links

Show file Commit Push/Pull View diff staged files to remote Histo

Turn on at Tools > Project Options > Git/SVN

CI+

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

mode from origin Launch debugger

of error

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

Debug Mode

Console > foo()

Invivonment History Build Cit

line number to present experience and the palse and defined the pa

Click next to:

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

current branch

type commands

Renamed Untracked Added Same Modified Renamed

Rerun with Debug

← Stop
Continue

♦≡ Next

Files Peter Pologen Help Wesser

Street School C. Upling C. Delen G. Branen G. Baren

A tone Collegement for the Collegement C

-/Ritudio-Essentials/Essenti Hgit(num, (digits + 1) - x)

execution has Highlighted line shows

pansed

~/IDEcheatsheet/ 🖘

Console

with-changes.R

ged Status - Path Open shell to

③

Environment History Git

help file

Publish to shinyapps.io, rpubs, RSConnect Stop Shiny

Package Writing



Enable roxygen documentation with Tools > Project Options > Build Tools New Directory > R Package Turn project into package,

Resume Quit debug

execution mode

out of functions to run

code one line at a time Step through

Step into and

Examine variables Select function

in traceback to

in executing environment

execution has paused

environment where Run commands in

0 MD Help > Roxygen Quick Reference

It total All Control Control

View(<data>) opens spreadsheet like view of data set 2 : Filter rows by value 4 or value range 5.1 I build & Reload Check Whore*

Search

Sort by

0.2 setosa