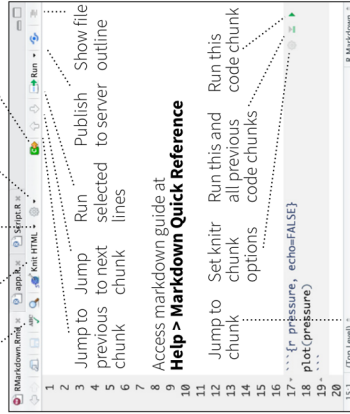


# RStudio IDE :: CHEAT SHEET

## Documents and Apps



Check spelling  
Render output  
Choose output format  
Choose location  
Insert code chunk

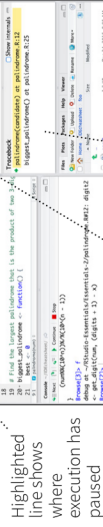
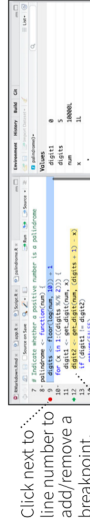


RStudio recognizes that files named **app.R**, **server.R**, **ui.R**, and **global.R** belong to a shiny app



## Debug Mode

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

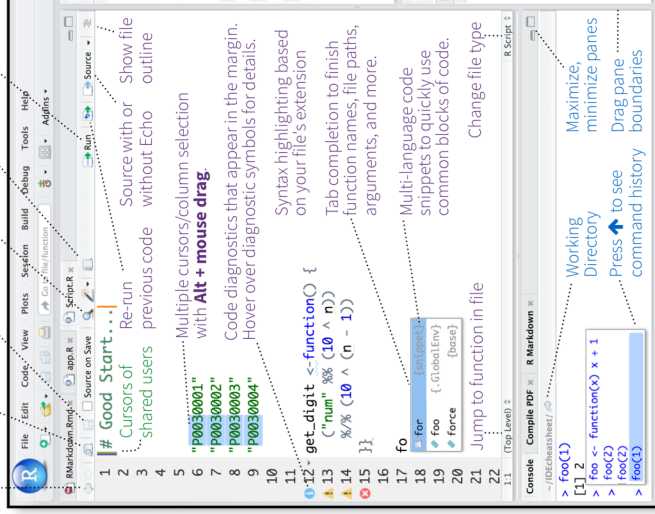


Click next to line number to add/remove a breakpoint.  
Highlighted line shows where execution has paused

Run commands in environment where execution has paused  
Examine variables in executing environment  
Select function in traceback to debug

## Write Code

Navigate tabs  
Open in new window  
Save  
Find and replace  
Compile as notebook  
Run selected code



## Version Control with Git or SVN

Turn on at **Tools > Project Options > Git/SVN**  
Stage files  
Show diff  
Commit  
Push/Pull  
View staged files to remote  
History



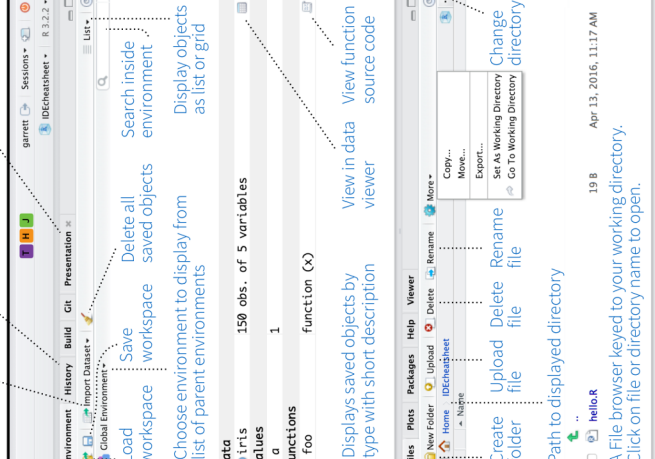
## Package Writing

**File > New Project > New Directory > R Package**  
Turn project into package.  
Enable roxygen documentation with **Tools > Project Options > Build Tools**  
Roxygen guide at **Help > Roxygen Quick Reference**



## R Support

**Import data**  
History of past commands to **File > New File > R Presentation**  
run/copy



## Package Writing

Turn on at **Tools > Project Options > Git/SVN**  
Stage files  
Show diff  
Commit  
Push/Pull  
View staged files to remote  
History



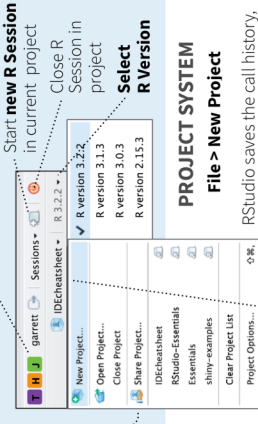
## Package Writing

**File > New Project > New Directory > R Package**  
Turn project into package.  
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Roxygen guide at **Help > Roxygen Quick Reference**



## Pro Features

**Share Project**  
Active shared with Collaborators...

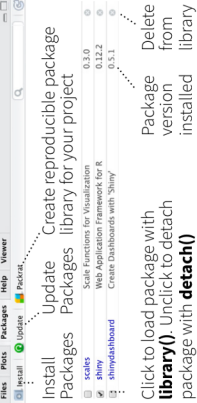


Name of current project

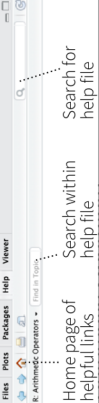
RStudio opens plots in a dedicated Plots pane



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

