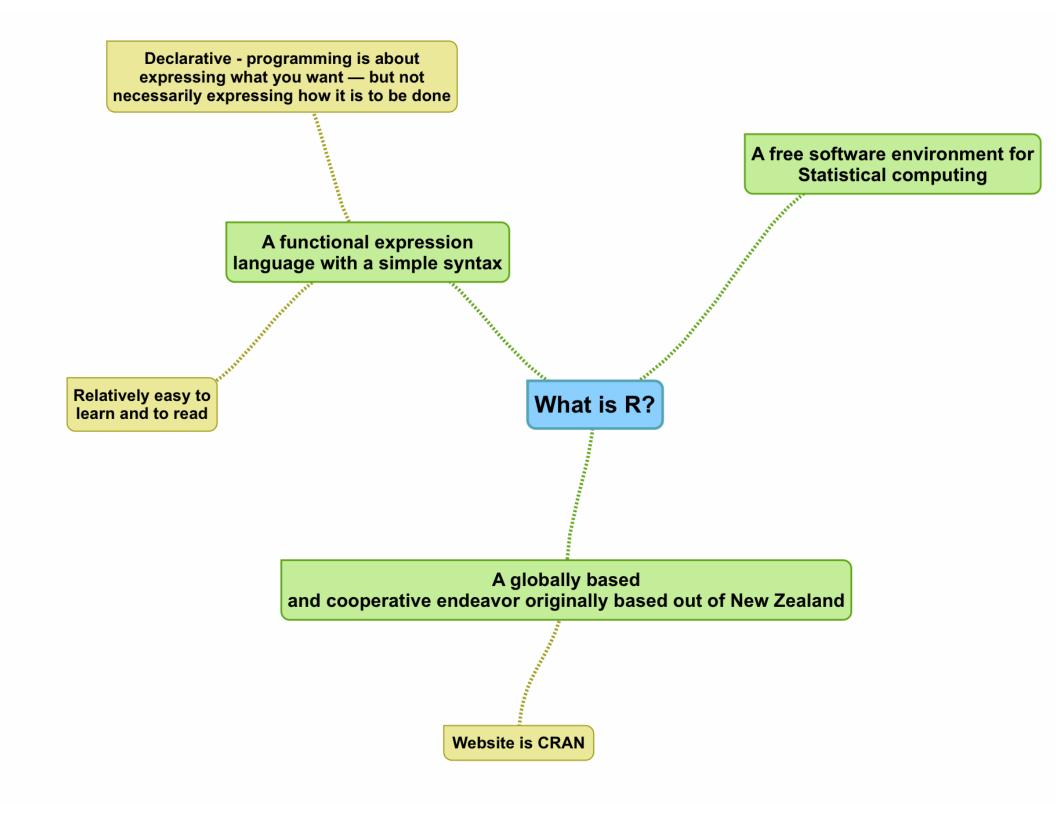
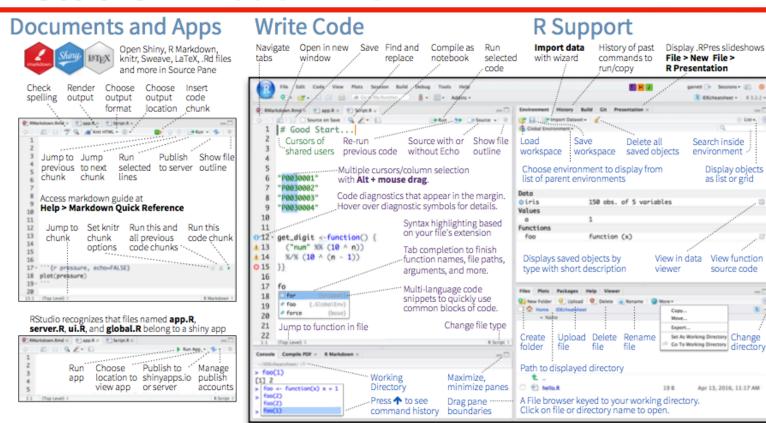
Lecture 1A R Fundamentals

Stats 20 Spring 2020 Prof. Lew

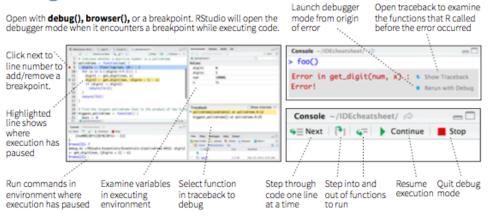


Examine the RStudio IDE Cheatsheet

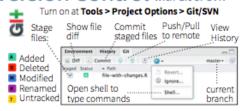
RStudio IDE:: CHEAT SHEET



Debug Mode



Version Control with Git or SVN



Package Writing



Pro Features



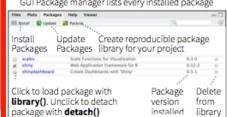
Name of current project

Project Options

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



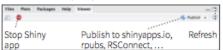
GUI Package manager lists every installed package



RStudio opens documentation in a dedicated Help pane

Files Piots Packages Hel	Viewer		0
		Q .) 16
R: Arithmetic Operators + Find in	Toria)	1	
	1	1	
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helpful links	help file	help file	
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Viewer Pane displays HTML content, such as Shiny apps, RMarkdown reports, and interactive visualizations



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

Filter	((Q,	
- 1	Sepal.Length :	Sepal,Width	PetalLength 3	Petal,Wid	th Species	
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3 4	Filter rows by value or value range		/ Sort by values		: Search for value	



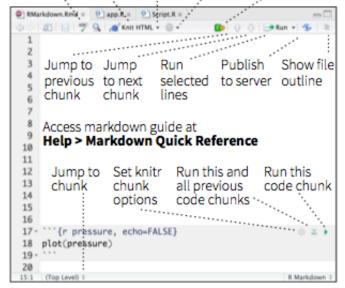
RStudio IDE:: CHEAT SHEET

Documents and Apps

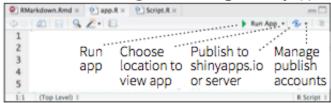


Open Shiny, R Markdown, knitr, Sweave, LaTeX, .Rd files and more in Source Pane

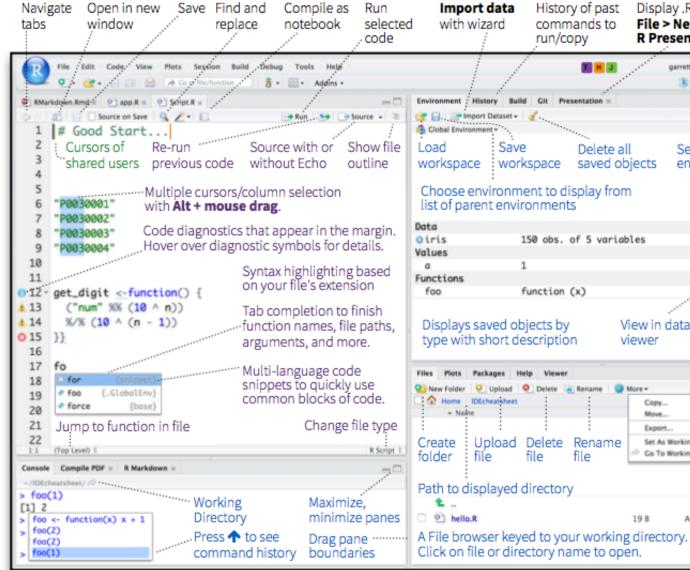
Choose Check Choose Insert spelling output output output code format location chunk



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



Write Code



Debug Mode

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

Launch debugger mode from origin of error

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

Version Control

R Support

Display .RP

File > New

R Presenta

Delete all

saved objects

IDI

Sear

envi

View in data

viewer



Turn on at Tools > Project Options > G Show file

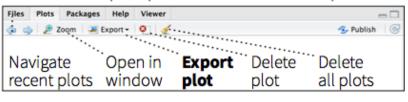
Push/P Commit staged files to remo diff

Rename

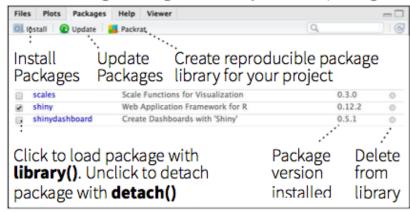
Additional Panes

- Plot
- Packages
- Help
- Viewer

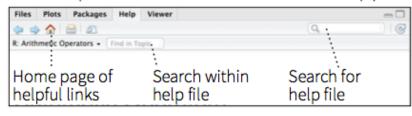
RStudio opens plots in a dedicated Plots pane



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

