RStudio Wiki

1. Introduction

RStudio is a set of integrated tools designed to help you be more productive with R. It includes a console, syntax-highlighting editor that supports direct code execution, as well as tools for plotting, history, debugging and workspace management.

2. Getting Started

Navigate to <u>http://fscstor02.fsc.stevens.edu/rstudio/</u> in your browser to login to RStudio. You need to connect to Stevens network or Stevens VPN to access this site. If success, you will see a login page:

RStudio Sign In 🛛 🗙 💭		
→ C f fscstor02.fsc.stevens.e	du/rstudio/auth-sign-in	<u>ک</u>
Pstudio		
K STUDIO		
	Sign in to RStudio	
	Username:	
	Password:	
	Stay sinned in	

If log in is successful, you should see the web interface:



3. RStudio Manual

Documentation for the RStudio IDE can be found at:

https://support.rstudio.com/hc/en-us/categories/200035113-Documentation

To help you with the web interface, below is a brief summary from the contents of RStudio documentation.

a. Windows

RStudio screen has four windows:

- 1) Console
- 2) Workspace and history
- 3) Files, plots, packages and help
- 4) The R script and data view
- b. Uploading files

To upload files, click on "Upload" button shown as below:

Files	Plots	Packages	Help	Viewer				
💁 Ne	w Folder	🧕 Upload	2.0	elete 👍	Rename	🙋 More 🕶		Ę
	Home							
	🔺 Nar	ne				Size	Modified	
	R							

Then choose the file you want to upload.

Unload Files	
opioud mes	
Target directory:	
☆ Home	
File to upload:	
Choose File No file chosen	
TIP: To upload multiple files or a The zip file will be automatically	directory, create a zip file. expanded after upload.
	OK Cancel

c. Installing a package

Click on "Install Packages" button, write the name in the pop-up window and click on "Install".

Files Plots	Packages Help Viewer		$\neg \Box$						
💽 Install 💽 Update 🗟 🔍									
Name	Description	Version							
User Library	,		-						
🔲 manipulate	Interactive Plots for RStudio	0.98.913	8						
🔲 rstudio	Tools and Utilities for RStudio	0.98.913	8						
System Libr	Install Packages	_							
bitops	Install from: Configuring Repositori	ies ⁵	0						
🔲 boot	Repository (CRAN)	• 11	8						
class	Packages (separate multiple with space or comma):	10	0						
cluster			8						
codetools	Install to Library: /home/hanlon02/R/x86_64-redhat-linux-gnu-library/3.1 [Defar Install dependencies	8	8						
colorspace		• 4	8						
compiler)	8						
✓ datasets		С	8						
DBI			8						
Defaults	Install Cancel		8						
dichromat		D	8						
🔲 digest	Create cryptographic hash digests of R objects	0.6.4	8						
foreign	Read Data Stored by Minitab, S, SAS, SPSS, Stata, Systat, Weka, dBase,	0.8-61	8						
ggplot2	An implementation of the Grammar of Graphics	1.0.0	© _						

4. Having Problems?

Please contact financial lab admin at <u>HFSLadmin@stevens.edu</u>