TwoRavens Local Installation

In the terminal:

git clone https://github.com/vjdorazio/TwoRavens.git

Then, download and install R at https://www.r-project.org. Execute the following with R to install R packages:

install.packages(c("VGAM", "AER", "dplyr", "quantreg", "geepack", "maxLik", "Amelia", "Rook","jsonlite","rjson", "devtools", "DescTools", "Zelig"))

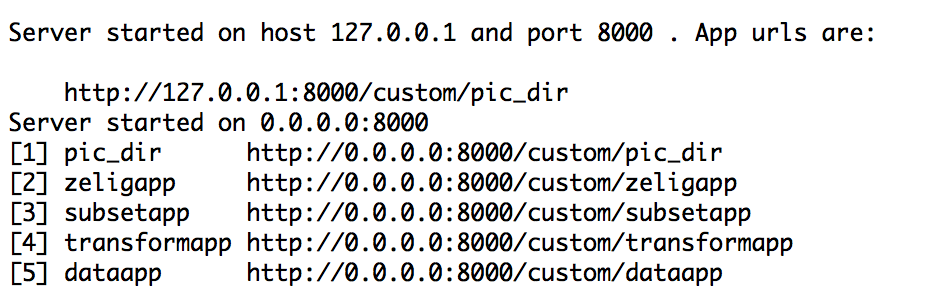
Then set your working directory to ~TwoRavens/rook via, for example:

setwd("/Users/vjdorazio/Desktop/github/TwoRavens/rook")

Then source rooksource.R to get the app up:

source("rooksource.R")

Note that this may install many packages, depending on what already exists. If it asks, just say that you want to install things from the source. The local server with the apps should be up and R should say something like:



Now, in the terminal, cd to ~TwoRavens and spin up a server with Python (if you have python 3, see below). For example:

cd Desktop/github/TwoRavens

*If you have python2 (more likely):*

python -m SimpleHTTPServer 8888 &

*If you have python3:*

python -m http.server 8888

Now, in your browser (e.g., Safari, Chrome), go to that URL:

http://localhost:8888

Click on "gui.html". You should be up and running. Play around with TwoRavens and make sure that you can do things like estimate a model, subset the data, create transformations, etc.

**Helpful notes:**

To pull and track a branch, for example the "EventDataSubset" branch:

cd Desktop/github/TwoRavens

git fetch origin

git checkout --track origin/EventDataSubset

If you wish to restart the R rook application, in R enter:

source("rookzeligrestart.R")

If you have made changes to the code locally, and wish to "push" that code to your Github branch:

git add file1.html file2.js

git commit -m 'short note about what has been changed'

git push

To check which branch you're on, cd to the repo, and then:

cd Desktop/github/TwoRavens

git branch

To switch branches:

git checkout EventDataSubset

Note that if you made changes to the code while on another branch, and then try to change (via checkout) to the branch you want, you will have to first "stash" your code:

git stash