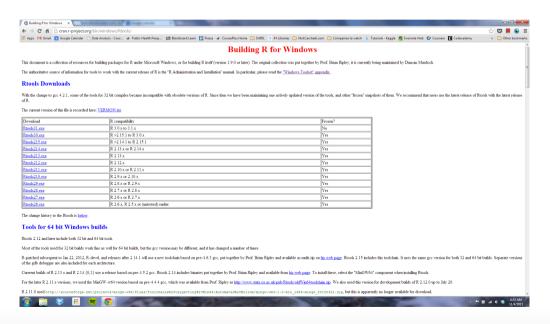


# Installing Rtools

Jeffrey Leek, Assistant Professor of Biostatistics Johns Hopkins Bloomberg School of Public Health

### What is Rtools?

- · A collection of tools necessary for building R packages in Windows
- · Available for download at http://cran.r-project.org/bin/windows/Rtools/



#### **Download Rtools**

- · Select the .exe download link from the table that corresponds to your version of R
  - Note: If you're not sure what version of R you have, open or restart R and it's the first thing that comes up in the console
- · If you have the most recent version of R, you should select the most recent Rtools download (at the top of the chart)
- · Once the download completes, open the .exe file to begin the installation

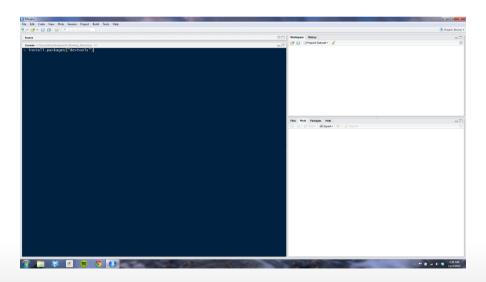
#### **Install Rtools**

- · Unless you really know what you are doing, you should just go with the default selections at each step of the installation
- · There are only two exceptions worth noting:
  - If you already have Cygwin installed on your machine, you should follow the instructions given during installation (and linked to here: <a href="http://cran.r-project.org/bin/windows/Rtools/Rtools.txt">http://cran.r-project.org/bin/windows/Rtools/Rtools.txt</a>)
  - IMPORTANT: You should make sure that the box is checked to have the installer edit your PATH (see below).



#### **Install devtools**

- · Once the Rtools installation completes, open RStudio
- · Install the devtools R package if you have not previously done so
  - If you aren't sure, enter find.package("devtools") in the console
- · To install devtools, use install.packages("devtools")



## **Verify Rtools installation**

- · After devtools is done installing, load it using library(devtools)
- · Then type find\_rtools() as shown below
- · This should return TRUE in the console if your Rtools installation worked properly

