

Install eclipse and integrate with statET

- 1) Download R from the web site: <http://cran.us.r-project.org/>
- 2) Download and install eclipse from <http://www.eclipse.org/downloads/>
- 3) Install statEt by following the instructions at <http://help.eclipse.org/kepler/index.jsp?topic=/org.eclipse.platform.doc.user/tasks/tasks-124.htm>

Open eclipse

- Click help>about and record the version number that you're using.
- Click help>install software
On top right of resulting panel click "Add" T
The panel that appears shows places for entering text.
 - In the box for "Name:" type some meaningful name (like "statET")
 - In the "Location:" box you need to copy the link appropriate to your version of eclipse. To find that go to the following url: <http://www.walware.de/goto/statet>
There, you'll see a list of links for eclipse versions. Copy the link matching your version of eclipse and paste it into the box "Location:". Hit OK.
eclipse will take a moment to digest that input and the "Install" panel should show some entries that weren't there before "Libraries, Other, StatET, and Utilities".
 - Select all of these and click "Next". Click "Next" again to accept the uploads that result. Accept the license terms. Hit finish.
- Next set up run configurations for statET. The look of the windows and the names and locations of options will vary somewhat depending on the version of eclipse that you're using. At this point check to make sure that you're in statET "Perspective".
 - in the eclipse main window click Window>Open Perspective>Other
 - Select statET from the list that appears. click OK

4) Set the version of R to be used for the run environment.

- Click Window>Preferences.
 - Under "StatET" under "Run/Debug", highlight "R Environments".
This will open up a window where you'll add the path to R version. Click "add".
Give the environment a name (like "R-x.xx")
 - In the line "Location(R_HOME):" click the "+" on the right hand side and choose "Browse File System" to get a directory structure where you can click the folder where you loaded the executable for R. Click OK
 - Click "Detect Default Properties/Settings". That should fill out the rest of this block for you
 - Back in the "R Environments" window, be sure to choose a default environment and hit "Apply"
 - Click OK to exit.

5) Set the run configurations that eclipse will use when working with R.

- in the eclipse main window hit Run>Run Configurations
 - Highlight "R Console" and click the "New" button
 - Click the "Main" tab. Type a name into "Name:" (something like "R-Config"). Make sure "Launch Type: shows "RJ(default)"
 - Click the R Config tab. Be sure that the "R Environment:" is set to the correct version of R either as default or as "Selected Configuration"
 - Click "Apply" and close

- For this to work properly, you'll have to install the R-package rj.
You can do that in the rGui.
- For example, if R is in the file location C:\Program Files\R\R- x.x.x
The Rgui.exe is then found at C:\Program Files\R\R-x.x.x\bin\i386
- Next enter the following command into the Rgui:
`install.packages("rj",repos="http://download.walware.de/rj-0.5",type="win.binary",lib="C:/Program Files/R/ R- x.x.x /library")`
- Also install the rJava Package