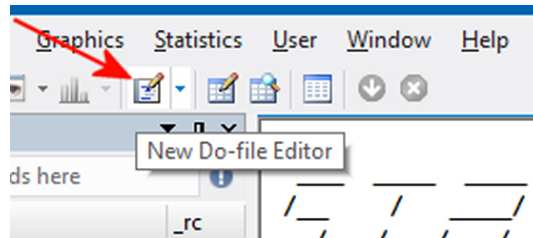# Do Files

A *do* file is just a list of commands you can run to easily replicate work. Let's do an example.

   i. Go to my website and download *bees.dta*. Open it in Stata. You should see a line like `use "D:\Users\Goatmantis\Downloads\bees.dta"`. Copy it (without the period).

  ii. In Stata, click on the "New Do-file Editor" button,

 iii. Line 1: Write `clear`

  iv. Line 2: Paste the `use` code you just copied.

   v. Line 3: Go back into Stata and change your working directory to whatever you want it to be. You should then see a line like `cd "D:\Users\Goatmantis\Downloads"`. Copy it (without the period) and paste it into the third line of your *do* file.

  vi. Line 4: Write `log using dotest.txt, text replace`

 vii. Line 5: Write `gen lcols = log(cols)`

viii. Line 6: Write `gen larrests = log(arrests)`

  ix. Line 7: Write `reg lcols larrests`

   x. Line 8: Write `log close`

  xi. Now click the "Execute (do)" button:

Save your *do* file. If your code is written correctly, then you should be able to open *dotest.txt* and see the regression results. If you delete the log and execute the do file again, the code will run again and the *dotest.txt* log file will be made again. Essentially, this is a way of saving your work—if you get half-way through a problem and want to continue the other half tomorrow, then save today's code to the do file and open it up tomorrow to continue where you left off. I've uploaded my own code as *doexample.do* so you can compare.