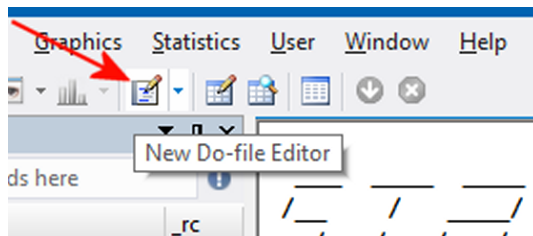# Do Files

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

- 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).

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

- Line 1: Write `clear`

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

- 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.

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

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

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

- Line 7: Write `reg lcols larrests`

- Line 8: Write `log close`

- 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.