

1- Unzip the ampl_macosx64.zip and copy it to your desktop.

2- Rename the folder name to **ampl**

3- Open terminal and type the following commands:

- cd Desktop
- cd ampl
- sudo mv ampl /usr/bin (Insert your password if it was asked for permission)
- sudo chmod +x /usr/bin/ampl
- sudo mv cplex /usr/bin
- sudo chmod +x /usr/bin/cplex

Now close the terminal.

All the above steps should be done only once to setup ampl in your system.

From now on, in each use of ampl only do the following:

1- Open terminal.

2- Type the following:

- cd Desktop
- cd ampl
- cd /usr/bin
- ./ampl (note: there is a dot(.) before /

Now you can start typing the commands according to ampl syntax. For example if you want to read a model, first type **model**, then press space. Instead of typing the full address of the model, simply drag and drop the model file to terminal window. Type a ; and the end of the address and then press Enter.

If you also have a data file, do the same but this time instead of **model**, type **data**.

Then type **solve;** and press Enter to solve the model.

Note that all the commands of ampl end with **;** (semicolon)

Also, each time that you want to read a new model or data file, type **reset;** and press Enter.

Finally, if you are solving a model with integer or binary variables, before typing the solve command, type: **option solver cplex;** and press Enter to change the solver to cplex.