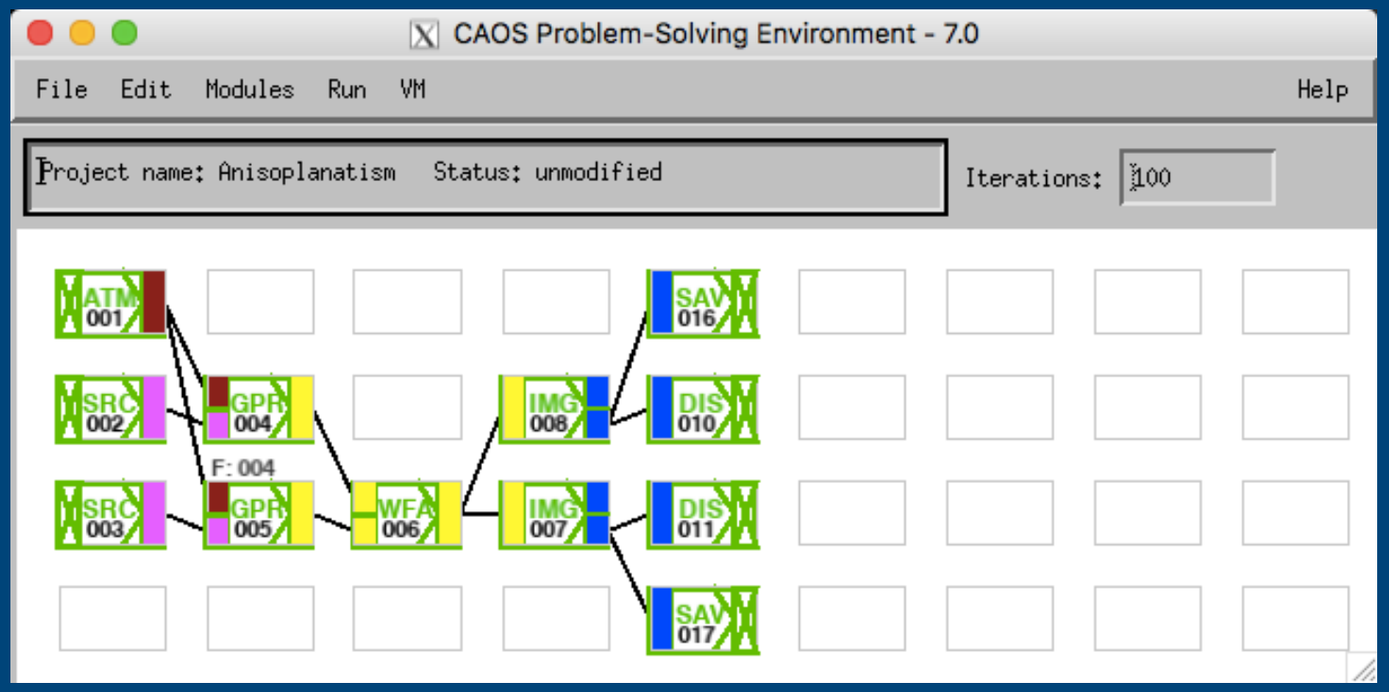
Build project for anisoplanatism…

0- COMPLETELY FINALISE INSTALLATION OF "CAOS LITE" BEFORE GOING ON !!

Then, within the CAOS interface…



1- Reproduce the project "Anisoplanatism" here beside.

2- Click on the ATM module, its graphical user interface (GUI) opens, then change its parameters into your own ones (r_0, L_0, altitude of the layers, mainly), and finally save them with button "Save".

3- Fix the parameters of the other modules. (Module's GUI a bit too wide => don't see the button Save ? => "Auto-hide Dock"on your PC settings !)

4- Choose a value for the off-axis angle (typically in between 0" and 60") within second occurence of module SRC and, as a consequence, adapt the name of the saved PSFs within the two modules SAV (one for each module IMG, i.e. one for each considered wavelength: for example 500nm and 1650nm).

5- Run the simulation project by using button "Run" within the CAOS interface (or with the IDL-CAOS command ".rn ./Projects/Anisoplanatism/project.pro" for a project called "Anisoplanatism").

6- Repeat steps 4 and 5 for each chosen value of the off-axis angle.

7- Compute the rms of the corrected wavefront and the FWHM for each resulting PSFs (two for each off-axis angle value) with the help of routine "dataprocessing.pro".