Conversion from watsitb to DLAP

1) download entire code used for WATsitb

2) remove watsitb folder and all .o files

3) remove all other files excluding the .F files and in.DAT file

4) remove these .F files : alloc.F , globm.F , petsol.F , solt.F , soluvp.F , soly.F , varppty.F

5) create a folder and put all the .F file in a subfolder and put in.DAT in the folder.

6) add all the file from dlap-rtns folder into the subfolder

7) open SimplyFortran and create build of all files and start simulation

DLAP is capable of running 3d cases having at max around 50x50x50 nodes in each direction overall. So it means u can have domain that contain around 125,000 control volumes (CV). At such high CV , DLAP solves one iteration around 1 minute.