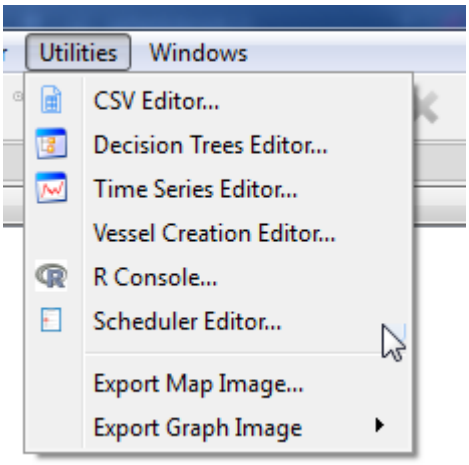
2016, April 21st

Step-by-step Guideline DISPLACE version 0.8.4

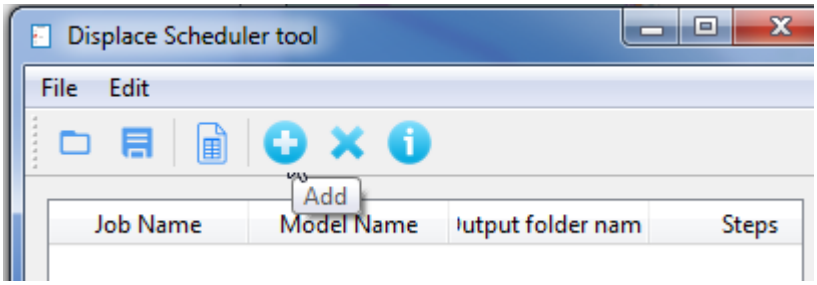
Setup and run a queue of DISPLACE simulation from the scheduler

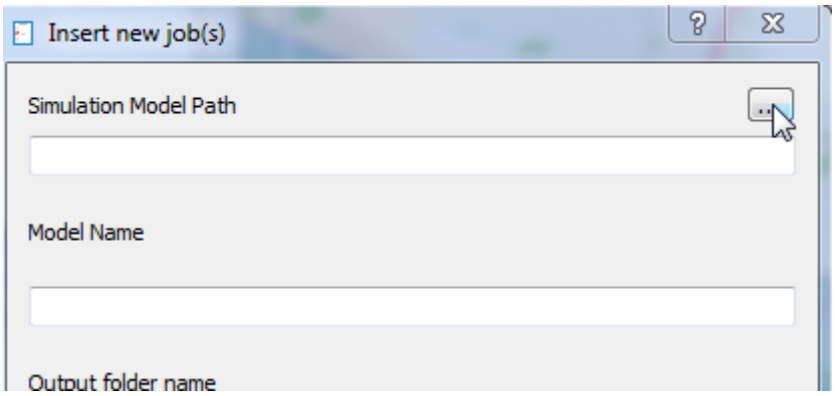
(Francois Bastardie & Federico Fuga)

The scheduler can be found in DISPLACE main menu

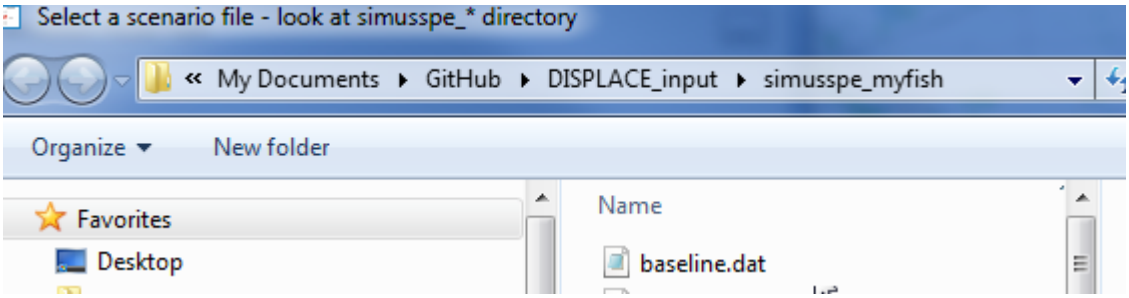


Then click on the add icon button to add new jobs...



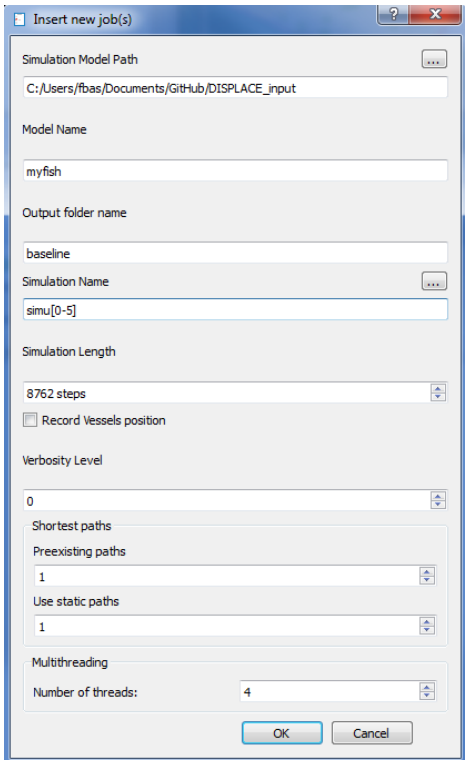


Look for a scenario by clicking on '...'

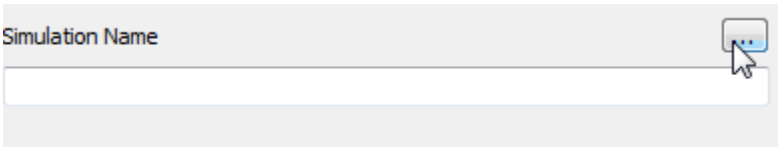


Select a scenario .dat file...

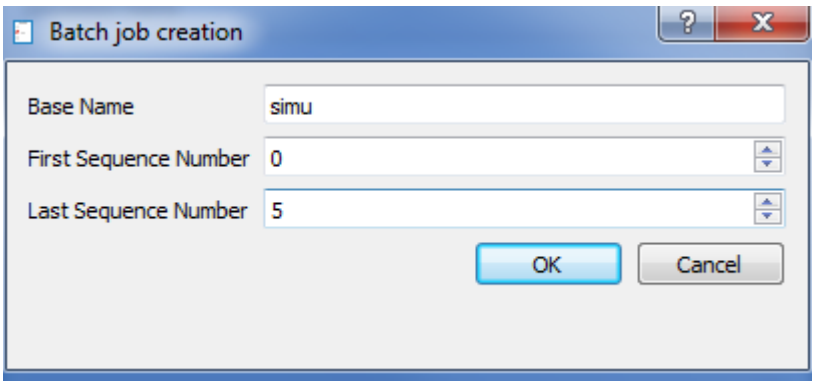
The job is then automatically filled in:



We now have to specified how many runs we want for the same scenario to be put in the queue:

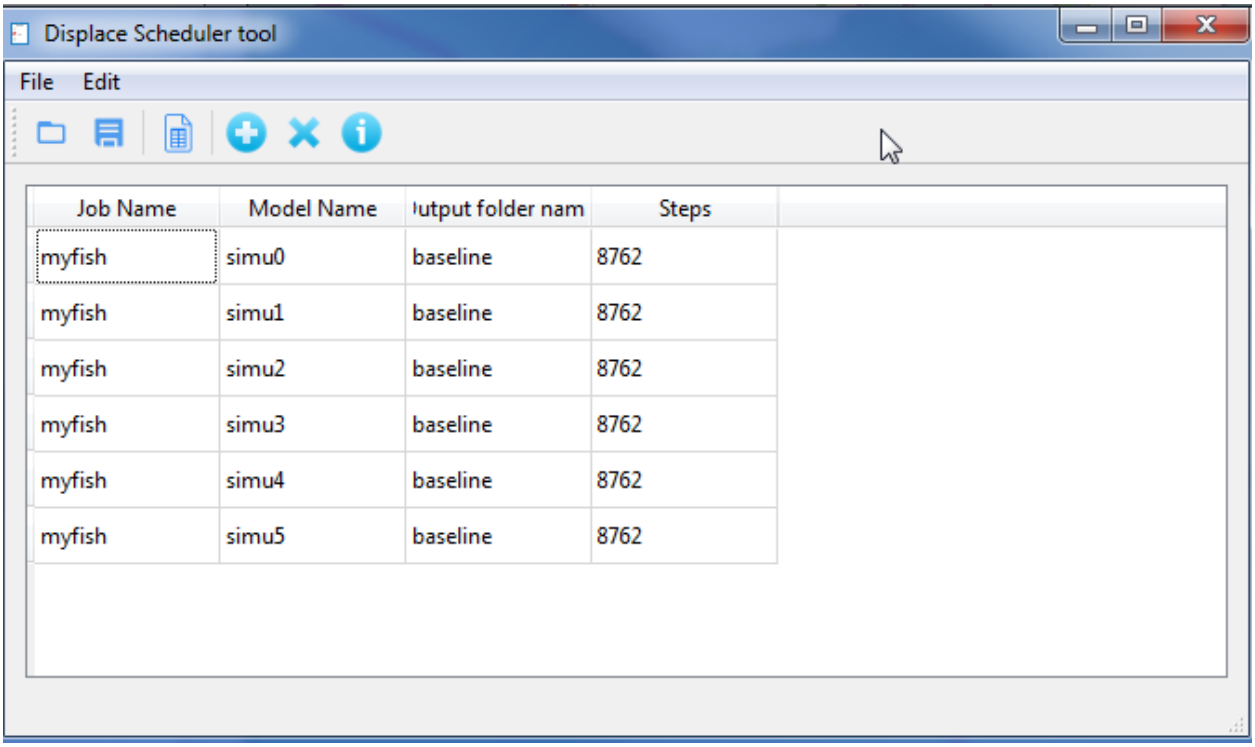


For example 5 runs for the baseline scenario:

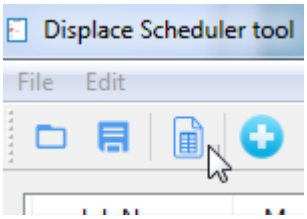


Which gives the text pattern:

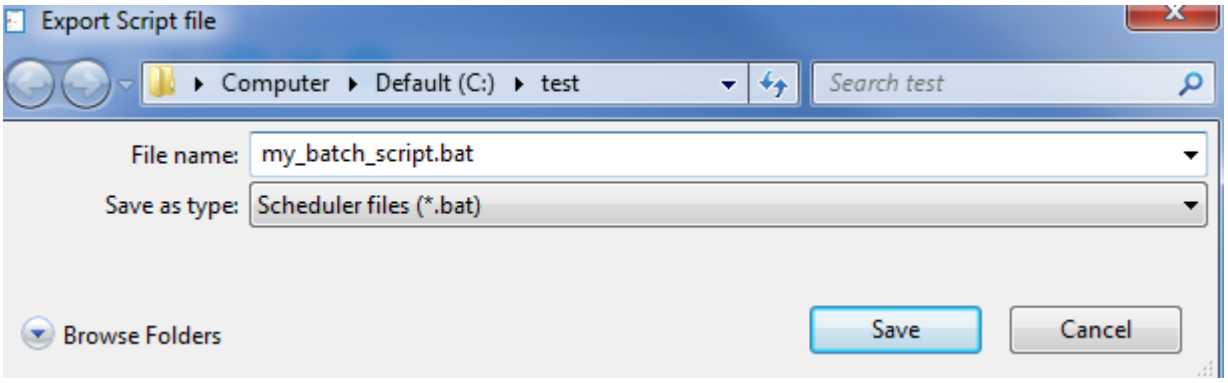
After clicking ok the scheduler is now filled in with:



Under Windows, we want to generate a batch file (extension .bat) to gather the command line for launching DISPLACE and the sequence of runs. Under Windows a batch file is lauched by double clicking on it. But first we need to generate the file, by clicking on the icon:

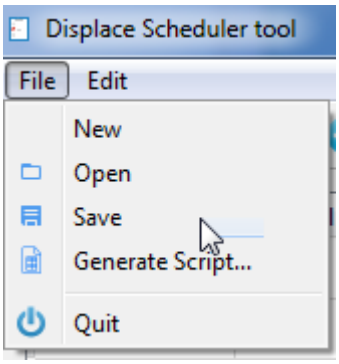


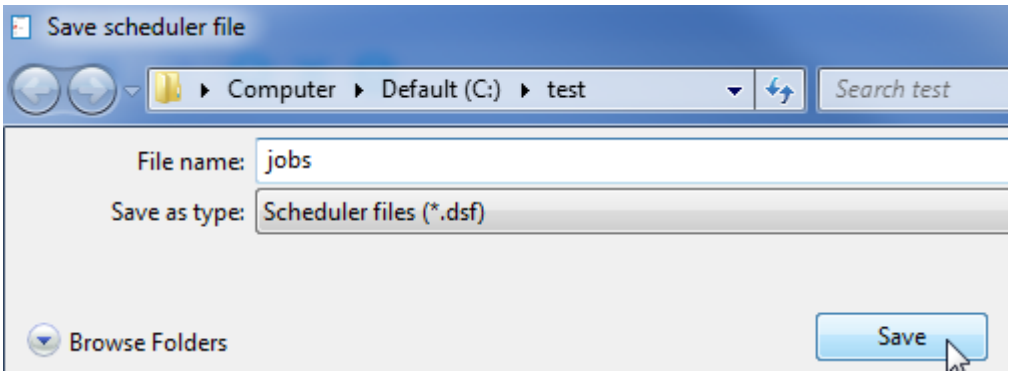
And save it somewhere:



And voilà! By clicking on the batch file the queue of simulation will be launched.

For more advanced use, the job queue can be saved, modified if necessary and loaded later on trought using a very simple format called .dsf:

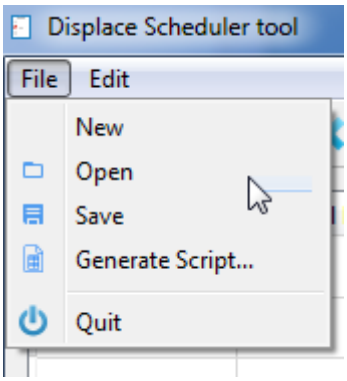




With the content being in our case:

```
C:/Users/fbas/Documents/GitHub/DISPLACE_input,myfish,baseline,simu0,8762,4
C:/Users/fbas/Documents/GitHub/DISPLACE_input,myfish,baseline,simu1,8762,4
C:/Users/fbas/Documents/GitHub/DISPLACE_input,myfish,baseline,simu2,8762,4
C:/Users/fbas/Documents/GitHub/DISPLACE_input,myfish,baseline,simu3,8762,4
C:/Users/fbas/Documents/GitHub/DISPLACE_input,myfish,baseline,simu4,8762,4
C:/Users/fbas/Documents/GitHub/DISPLACE input,myfish,baseline,simu5,8762,4
```

So the user can imagine to direclty add some jobs in this file before loading it back into the scheduler with:


Displace Scheduler tool
File
Edit
New
Open
Save
Generate Script...
Quit