

# Test ADL-4.2

1. Pre-requisite:
  - MGDO / GELATIO / ROOT / SWMOD

## LET'S SET THE ENVIRONMENT

2. Create a */path/to/MunichWorkshop* repository
3. Get and compile ADL-4.2 (*make all*) in */path/to/MunichWorkshop/ADL-4.2/* repository
4. Add export  
`LD_LIBRARY_PATH="/path/to/MunichWorkshop/testadl/lib:$LD_LIBRARY_PATH"`  
to your `${HOME}/.bashrc`
5. Get *testadl* folder and do "*make*" in  
*/path/to/MunichWorkshop/testadl/* repository  
-> this should produce the executable *SimulatePulse*
6. Set *SWMOD\_PATH* in *LaunchExecModuleIni.sh* and *LaunchJobSimulation.sh*  
And *SCRIPT\_PATH* in *JobScript.sh*

## LET'S COMPUTE 1 SIMULATION

7. Run *./SimulatePulse*  
-> this should start a loop of 1000 events and produce Tier1 "ADLTest-Tier1.root" output file
8. Run *sh LaunchExecModuleIni.sh ADLTest-Tier1.root .*  
-> this should start GELATIO and produce Tier2 "ADLTest-Tier2.root" output file

## NOW WITH JOBS

9. Run *sh JobScript 1*  
-> this should produce 10 Tier1 "ADLTest\_#-Tier1.root" output files
10. Run *sh JobScript 2*  
-> this should produce 10 Tier2 "ADLTest\_#-Tier2.root" output files