

MaGeToADL

manual

1. Pre-requisite:
 - MGDO / GELATIO / ROOT / SWMOD
 - Git clone ADL4 @ mppmu GitHub (<https://github.com/mppmu/ADL4.git>) and compile it
2. Git clone MaGeToADL @ Kermaidy GitHub account
<https://github.com/Kermaidy/MaGeToADL.git>
3. Add export LD_LIBRARY_PATH="/path/to/MaGeToADL/lib:\$LD_LIBRARY_PATH" to your `$(HOME)/.bashrc`
4. - Set SWMOD_PATH in *LaunchExecModuleIni.sh*, *LaunchJobConvolution.sh* and *LaunchJobSimulation.sh*
 - Set SCRIPT_PATH in *JobScript.sh*
 - Set *GERDA*, *GELATIO* and *MGDO* paths in the *Makefile*
5. Create following repositories in */Path/To/MaGeToADL*:
 - *RawData/* -> output ROOT files from MaGe
 - *RawPulses/* -> output of ADL raw pulses processing files
 - *Tier1/* -> output of pulses convolution – Noise – Signal decay – E.R.
 - *Tier2/* -> output of GELATIO
6. Compile MaGeToADL: “make”
7. Check for individual pieces of code (should return informative message):
 - *./SimulatePulses*
 - *./ConvolutePulses*
 - *execModuleIni*