

Updates on ALICE workloads

- From January included several developments and improvements in the O2 framework among them:
 - New graph-oriented workflow modelling for parallel execution optimization
 - More and more asynchronous reconstruction components to GPU
- Identified candidate as typical O2 workflows for the benchmarking:
 - Full system test developed for regular reconstruction tests
 - Presently used to test the continuous integration of ongoing developments
 - All needed software deployed on CVMFS
- Configuration to run on the specific benchmarking queue:
 - 4 cores with 2 GB RAM/core (in production 8 cores with 2 GB RAM/core)
- To be done: provide a container with all the software
 - All our experts committed to O2 integration challenge
- Latest improvements not included in the workflows for benchmarking yet