

Updates on ALICE Run 3 workloads

- Standalone container with all the needed software ready
- Identified candidate as typical O2 workflows for the benchmarking:
 - Whole pipeline with major tasks: transport simulation, digitization, reco, AOD
 - Based on physics use-case:
 - Embedding of Heavy Flavour events into 50 kHz Pb-Pb background Timeframe
 - Graph-pipeline runner for multicore scheduling to achieve good multi-core efficiency
 - Optimized as in production: 8 cores with 2 GB RAM/core
- To be done for the final version of the Run 3 benchmark:
 - Configuration to run on the specific benchmarking queue:
 - 4 cores with 2 GB RAM/core (work in progress to be achieved by next week)
 - Setup the local calibration DB mode, for the time being our algorithms access calibration DB
 - For the time being, needed connectivity without authentication
 - Analysis workflow to be added to the present pipeline