



Using RAW OCDB for MC

ALICE Offline week
July 14, 2011

Current status

- Anchor runs
 - Beginning – RAW OCDB as specific storage for GRP and vertex
 - Now – more than 60 specific storages from RAW
- Tipping point – 50/50 mixture between RAW and MC OCDBs
- Goal – switch entirely to RAW for all MC with anchor runs
 - This is 99% of all simulations done today

Why

- Specific storages setup is
 - Manual – rec.C, sim.C
 - Differs from production to production
 - **Results may vary...**
 - Error-prone
 - Resources-intensive – every ‘specific storage’ adds one more query to OCDB
 - We have added a lot of resources to be able to cope with this
 - We need these to support better the analysis

Detector	Status	Remark
Muon	Not ready	Alignment in reco; Gains in simu – dependence on reco params in simulation (ugly)
MTR	Not ready	No logical problems, to be implemented (September)
ACO	Not there	
EMCAL	Ready	Already needs to use all objects from RAW OCDB
ITS	Not ready	Geometry (overlaps), SPD SparseDead – ready to be ported
PHOS	Not ready	Decalibration in simu to be implemented
TPC	Not ready	Not using any RAW, timescale to be estimated in August
TRD	Not ready	OK for calibration, alignment (overlaps) – to be checked
HMPID	Ready	Sigm pedestal – 1 week to implement modif.
FMD	Not there	
PMD	Ready	OK and tested
T0	Ready	OK and tested
V0	Ready	OK for all in 2011, for data <2011, one specific storage
ZDC	Ready	OK and tested

6 ready, 5 not ready, 2 not there