AMORE

STATUS, NEW FEATURES & DISCUSSIONS

Outline

- Christmas shutdown activities and changes
- Pending points (previous meetings) + new developments
  - AMORE & GUI09
  - DAQ/QA agents
  - QA online
- News on AMORE feedback to offline (aka thresholds)

Christmas shutdown activities and changes

- Move from SLC4 to SLC5
- Move from 32 bits architecture to 64 bits
- New DQM nodes
  - Blades with 16 cores and 16 GB of RAM
  - At least 1 blade per detector
- New DQM shifter station
- New version of all the DQM related softwares

➔ Many important changes,

yet the restart was pretty smooth !

Pending points: AMORE, GUI

- Amore gets stuck at the same cycle number. No updates of MOs from there on ✗
  - Under investigation ✗ DIM, DNS issues?

Pending points: DAQ/QA agents

- Agents not correctly restarted. The agent is not properly killed
  - Under investigation ✗ DIM, Kill function fails ?

Pending points: QA

- Read the OCDB at SOR and not at load time ✗
- Instantiate the correct muon QADataMakerRec ✗
- QA framework: Not strictly DQM, but QA related, QA would be much more useful if we'd have a merging of the output root file *per run* ✗

Pending points: misc

- Add some general reconstruction QA for the DQM shifter (e.g. reconstruction) ✗
- TRD request: keep long-term metrics in a database (within amore)
  - A solution is being tried by Sylwester Radomski. See Sylwester's followup next
- Request to access DCS data from AMORE and the other way around (TPC, SPD, DCS)

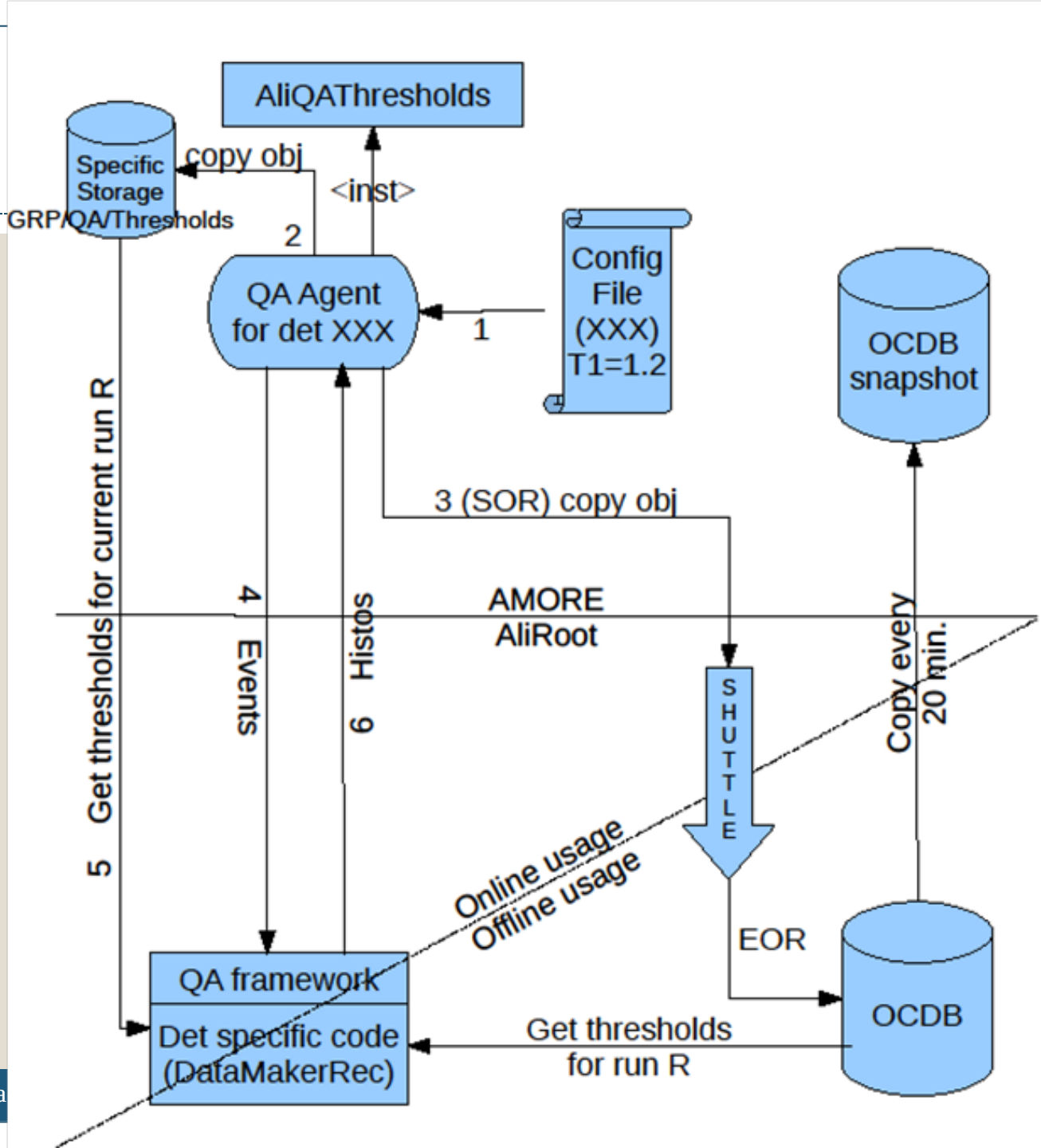
Event Species

- Proper event species identification at P2
- ➔ each histo is published 4 times
- ➔ summary image contains 4 times the histos

- Logical as we can't know what histos will be filled before run

- But identification issue in histograms. Proposals?

- DQM shifter currently look at LowMultiplicity
- ➔ switch the default layouts when HI runs


AliQAThresholds
Specific Storage GRP/QA/Thresholds
copy obj
<inst>
2
QA Agent for det XXX
1
Config File (XXX) T1=1.2
OCDB snapshot
3 (SOR) copy obj
4 Events
6 Histos
AMORE AliRoot
5 Get thresholds for current run R
SHUTTLE
Copy every 20 min.
Online usage
Offline usage
EOR
QA framework
Det specific code (DataMakerRec)
Get thresholds for run R
OCDB

QA & DQM : thresholds status

- Make sure that the class AliQAThresholds committed in AliRoot (STEER) and ported to the release
- In coordination with the offline activate and test the thresholds feature at P2
- Proceed to the online activation and tests

Questions

- Announcements
- Time for questions and remarks

Backup