

AMORE



STATUS, NEW FEATURES & DISCUSSIONS



Outline



- Pending points (previous meetings)
 - QA agents
 - QA online
- Latest development status
- Memory leaks


Pending points: QA agents



- **SSD different plots between Amore Gui and expert Gui**
 - Had a debug session with new expert but more needed ✗
- **HLT issues**
 - HOMER connection problems. 
- **T0 has to be restarted from Physics runs to technical runs**
 - Running of the agent should be independent of the run conditions
 - Debug session with expert scheduled 



Pending points: QA



- Instantiate the correct muon QADataMakerRec
 - Next amoreQA release ✓
- QA framework:
 - Merging of the output root file *per run* ✗
 - output root file saved per detector ✓
- Read the OCDB at SOR 
 - Enable this feature per detector. Started with MUON


Pending points: misc



- Add some general reconstruction QA for the DQM shifter (e.g. reconstruction) 
- Request to access DCS data from AMORE and the other way around (TPC, SPD, DCS)
 - Starting investigation 

Latest development status



- Trigger classes under testing ✗
- In coordination with the offline activate and test the thresholds feature at P2
 - HMPID on the job 
 - Proceed to the online activation and tests ✗

Memory consumption and memory leaks



- Agent's high memory consumption limited to 3 Gb
- Remaining main memory leak from the amore side caused by memory ownership from AliQACheckerBase and not a ROOT bug.
- However there are still leaks from some agents concerning AliQADatamaker::InitRaws : important for loading the OCDB at SOR
- New trigger classes features will increase memory consumption and memory leaks
- Will send new Valgrind reports to related detector teams and Savannah tickets after trigger classes release

Announcements



- **Adriana Telesca has officially left PH-AID-DA**

Backup

