

Experience between AMORE/Offline and sub- systems

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DQM / QA session @ ALICE offline week

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Experience between AMORE/Offline and sub-systems ...or at least some of it...

DQM interaction with detector's experts

- Troubleshooting
- Code update
- Documentation
- Status summary tables

Detector's experts interaction with DQM

- Retrieving infos about QA
- Interaction with the shifters
- Detectors requests

DQM interaction with detector's experts

- Troubleshooting
 - Problems with AMORE agents at P2 not promptly solved
 - to be improved!
 - Troubleshooting sessions with Barto + detector's experts to solve issues
 - already in place
 - good idea, it increases everyone's knowledge of the system!
- Update of the code
 - Test machine are set up and detectors have access to them
 - Need to fasten detector's reaction / solution to problems
 - Savannah bugs will be opened
 - Satisfactory response from detectors about trigger classes implementation
 - Thanks to Ruben for changes to the code core
 - Now it's detector's responsibility to complete implementation...
 - Support still needed from the offline (Ruben?)

Documentation exists, links have been provided

DQM interaction with detector's experts

- Documentation

- All detectors have been asked to provide good documentation for the shifters
 - Instructions in the Twiki OK in general for p-p and Pb-Pb runs
 - still missing instructions for Cosmic and Technical runs + screenshots
 - Most of the detectors documentation is up-to-date
 - Missing detector's blackboard for temporary issues, only a general one
 - Still missing AMORE GUI descriptions for some detectors
 - Still missing alarms and thresholds
- Current status reported in the next summary slides
- Waiting for the output of the review by RC + volunteers of detector's pages

TWiki update status

DETECTOR	Last update	DETECTOR	Last update
ACORDE	May 2011	SSD	Oct 2010
DAQ	Jun 2011	T0	May 2011
EMCAL	May 2011	TOF	Jun 2011
FMD	Jul 2011	TPC	May 2011
HMPID	Jun 2011	TRD	May 2011
MUON	Jun 2011	V0	Mar 2011
PHOS	Apr 2011	ZDC	Mar 2011
PMD	Nov 2010	Vertex (SPD)	May 2011
SPD	Jun 2011	HLT	June 2011
SDD	Jun 2011	Trigger	new – to be added

General Status summary

+ = blackboard in detector page

new

X = do not monitor

[illegible]

Detector's experts interaction with DQM

- How they can retrieve infos about QA
 - Online
 - look in the DQM tab in the logbook for the summary image
 - Possible to download AMORE files of archived objects to inspect ROOT files containing the DQM plots
 - if objects are not there, report to the DQM experts (archiving problems)
 - Read the DQM end of shift reports
 - Offline
 - Check summary images in the logbook and set quality flags for detector
 - Participate to the QA offline meetings -> combine infos from all detectors
 - Check the Run Condition table

Detector's experts interaction with DQM

- Interaction with DQM Shifters
 - interaction with the shifters
 - To be improved from both sides (shifters+experts)
 - Inspect carefully the DQM end of shift report
 - Some reports are very good and detailed, some very poor -> still room for improvement
 - shifters have examples
 - If report is not satisfactory, detector's experts should go back to the shifter or add entries in the logbook to complete the report
- Requests from detectors
 - E-mails were sent to ask for specific needs / requests to the offline before this meeting but very few answers

We do our best, but participation of the detectors is needed to come up with new ideas and improvements and to satisfy the needs!

Thank you...