AMORE & QA

Status report

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AMORE & QA : Reminder

- AliRoot QA can be used in AMORE
  - Avoid code duplication between offline and online
- Two possibilities :
  - A generic agent to publish all QA histograms
  - Custom agents to use QA histograms

Generic QA agent

- Depending on the name of the agent, it loads and uses the related XXXQADataMakerRec class in libXXXRec.so
- Status :
  - Ready for AliRoot v4.17
  - Species : agent publishes all the histograms of all species.
  - Loads extra libraries if needed : configuration file to specify which and when to load them
- Detectors using it (5) : ACORDE, EMCal, FMD, PHOS and T0

QA custom modules

- QA used directly in the AMORE agents
- Benefits
  - Publish only a subset of the QA histograms
  - Add extra information to the histograms
  - Create new objects based on the QA output
- Drawback
  - Module to be implemented
- Detectors using this approach (5) : muon_trk, SDD, SSD, TPC and V0

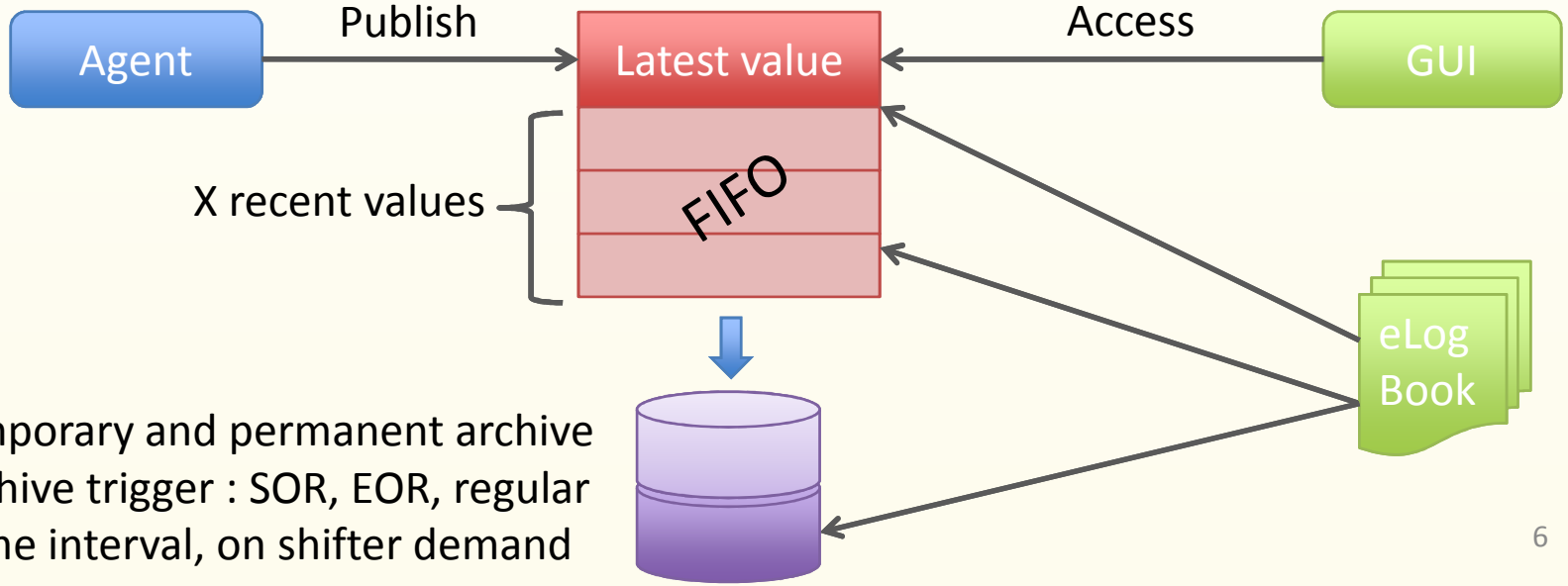
QA modules : status table

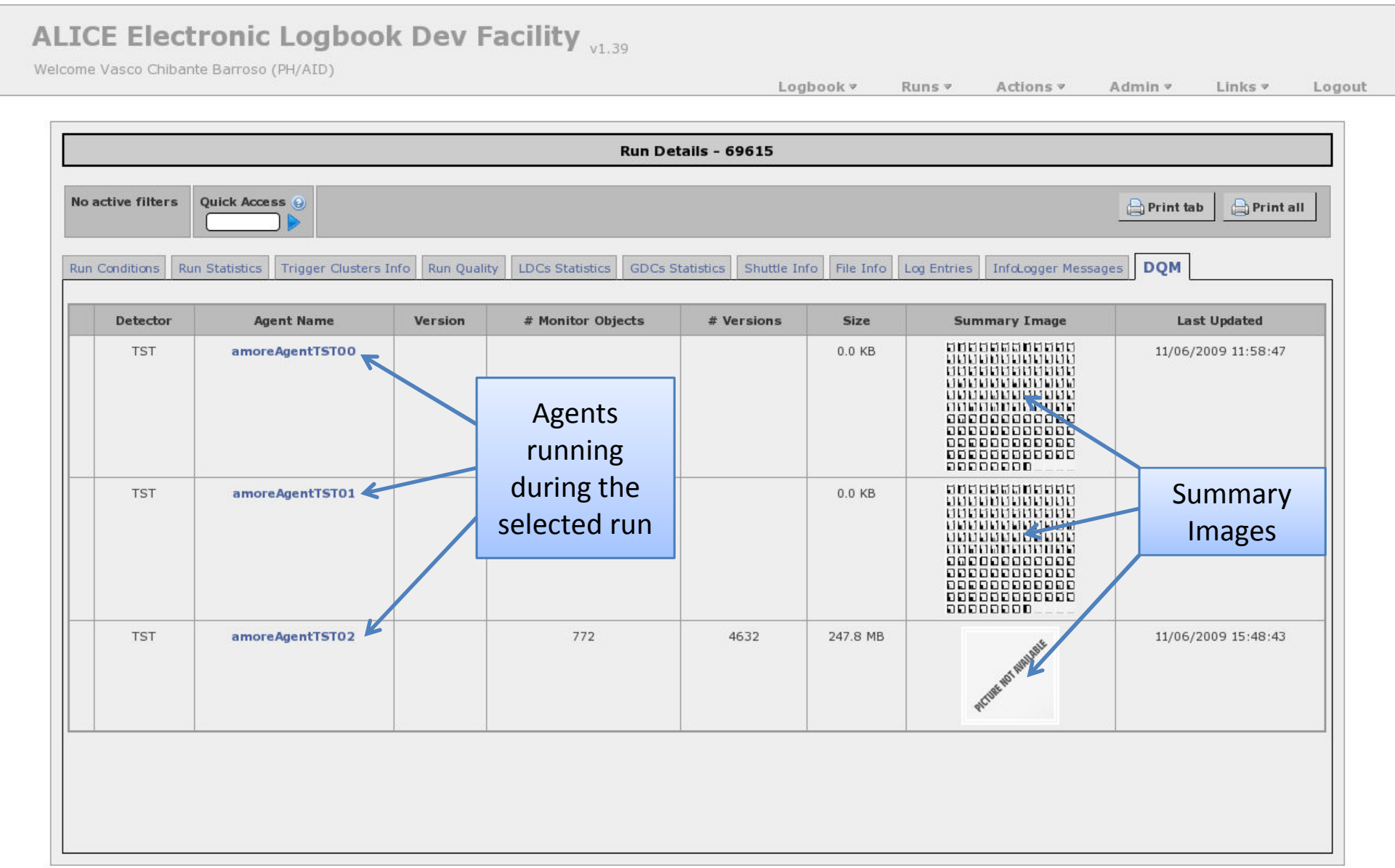
Only the detectors that use the QA are listed here. The others develop their own AMORE modules without using the QA.

	ACORDE	QA agents: MCaI	QA agents: FMD	QA agents: PHOS	T0	MUON_TRK	Custom QA Agents: SDD	Custom QA Agents: SSD	Custom QA Agents: TPC	V0
Code under development or developed (number of Modules)					1	1	1	1-2	2	1
Code in SVN										
Estimation of needs		~	~						~	
Validation/statistics gathering requested										
Test file(s) available										
Proper info.db.txt file										
Proper rpm.spec file										
Validation passed										
Statistics collected (Hz on dqm node, worst case or most realistic case)			22		>1k		5		1	
RPM released and installed at Point 2 (version deployed)							1.1	1.0	1.0	
Test at point 2 (number of agents)							1			
Agent is completed, prod. Ready										

Logbook & AMORE

- Access to the Monitor Objects from outside CERN
- Access to the archives, possibility to make them permanent




ALICE Electronic Logbook Dev Facility v1.39
Welcome Vasco Chibante Barroso (PH/AID)
Logbook
Runs
Actions
Admin
Links
Logout
Run Details - 69615
No active filters
Quick Access
Print tab
Print all
Run Conditions
Run Statistics
Trigger Clusters Info
Run Quality
LDCs Statistics
GDCs Statistics
Shuttle Info
File Info
Log Entries
InfoLogger Messages
DQM
Detector
Agent Name
Version
Monitor Objects
Versions
Size
Summary Image
Last Updated
TST
amoreAgentTST00
0.0 KB
11/06/2009 11:58:47
TST
amoreAgentTST01
0.0 KB
TST
amoreAgentTST02
772
4632
247.8 MB
PICTURE NOT AVAILABLE
11/06/2009 15:48:43
Agents running during the selected run
Summary Images

Run Conditions | Run Statistics | Trigger Clusters Info | Run Quality | LDCs Statistics | GDCs Statistics | Shuttle Info | File Info | Log Entries | InfoLogger Messages | DQM

Data Quality Monitoring Info - agent 'amoreAgentTST01'

Agent's details

Overview | Permanently Archived MOs (10) | Temporarily Archived MOs (54) | Online MOs (896)

AMORE Agent 'amoreAgentTST01' Overview for run 6961

General

Detector: TST
Version:
 # Monitor Objects:
 # Versions:
Size: 0.0 KB
Last Updated: 22/06/2009 11:48:40

Runtime Parameters

```
amoreAgent -a amoreAgentTST00 -e 100 -r -s
run57581.raw -u -p ALICE_DUMMY
Configuration file :
# example of config file
# This is the number of monitor objects of
each type (8 types)
numberOfHistos 128
#13
# The number of beans of the moh1f plots
number0
```

Monitoring Objects

MOs Permanently Archived: 10 (1.0 KB)
MOs Temporarily Archived: 54 (454.6 KB)
MOs Online: 896 (4.9 MB)
First Object From: 15/06/2009 17:06:41
Last Object From: 15/06/2009 17:06:41

Run Details - 69615

No active filters | Quick Access | Print tab | Print all

Run Conditions | Run Statistics | Trigger Clusters Info | Run Quality | LDCs Statistics | GDCs Statistics | Shuttle Info | File Info | Log Entries | InfoLogger Messages | DQM

Data Quality Monitoring Info - agent 'amoreAgentTST01'

Overview | Permanently Archived MOs (10) | **Temporarily Archived MOs (54)** | Online MOs (896)

Archived objects

moFloat1
Name: moFloat1
Size: 0.1 KB
Time: 15/06/2009 17:06:41
Download AMORE file

moGraph0
Name: moGraph0
Size: 1.8 KB
Time: 15/06/2009 17:06:41
Download AMORE file

moH1F_0
Name: moH1F_0
Size: 40.9 KB
Time: 15/06/2009 17:06:41
Download AMORE file

moH1F_1
Name: moH1F_1
Size: 40.9 KB
Time: 15/06/2009 17:06:41
Download AMORE file

Monitoring object's image. Click to see in full size.

moH1F_2
Name: moH1F_2
Size: 40.9 KB
Time: 15/06/2009 17:06:41

moH1F_3
Name: moH1F_3
Size: 40.9 KB
Time: 15/06/2009 17:06:41
Download AMORE file

moH1F_4
Name: moH1F_4
Size: 40.9 KB
Time: 15/06/2009 17:06:41
Download AMORE file

moH1F_5
Name: moH1F_5
Size: 40.9 KB
Time: 15/06/2009 17:06:41
Download AMORE file

moH1F_6
Name: moH1F_6
Size: 40.9 KB
Time: 15/06/2009 17:06:41
Download AMORE file

moH1F_7
Name: moH1F_7
Size: 40.9 KB
Time: 15/06/2009 17:06:41

moH1F_8
Name: moH1F_8
Size: 40.9 KB
Time: 15/06/2009 17:06:41

moH1F_9
Name: moH1F_9
Size: 40.9 KB
Time: 15/06/2009 17:06:41