

Discussion Points

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`http://www.hep.ph.qmul.ac.uk/~landon/talks`

Overview

- Databases
- Documentation/Twiki
- tdaq-01-04-01
- Meetings

Databases (1)

New Online Database Taskforce

- new taskforce to “clarify and focus work in the database group and subdetectors communities relating to online database work for the ATLAS commissioning phase and beyond”
- <https://uimon.cern.ch/twiki/bin/view/Atlas/OnlineDBTaskForce>
- chaired by Steinar Stapnes, reps from commissioning, DB, DAQ, DCS
- series of meetings with subdetectors (ID, LAr, Tile, Muons, Trigger)
- systems represented by online/DB experts and system leaders if possible
- we will be invited to come prepared with written list of conditions and configuration data together with sources, destinations and volumes of data – circulated in advance
- report to 28 Nov commissioning meeting and 1-2 Dec TMB meeting
- considering a workshop in January

Databases (2)

To do list (run control view)

- decide organisation of calibration, configuration (and other) data into COOL folders and hierarchy of folder sets
- define complete scheme for channel IDs
- access COOL in run control, pass COOL rows (or sets of rows) to modules
- any commonality between readonly RC access with calibration writers?
If so, create shared CMT package(s)
- test with MySQL and Oracle development DB, then Oracle production DB
- try using new trigger database
- look at tools for COOL IO and browsing

Documentation/Twiki

Encourage collaborative documentation?

- documentation of the online software (and some other parts of L1Calo) is a little patchy
- “wiki” webs allow collaborative development of web documentation
- easier to edit/update than present CVS backed software website
- CERN maintains a wiki web using the Twiki software and this is increasingly being used by ATLAS, especially offline computing
`https://uimon.cern.ch/twiki/bin/view/Atlas`
- I would like to gradually move and update the software website into the ATLAS Twiki (hoping to satisfy some long standing requests for an overhaul)
- might also be useful for other parts of the system?
- perhaps first try to develop an overall structure...

AOB (1)

tdaq-01-04-01 status

- tdaq-01-04-01 now the default at RAL
- (ROD crate DAQ tested but readout not fully working)
- intend to prepare tar file of customised TDAQ installation and of corresponding LCG software
- can other sites migrate soon?
- involves minor updates to DB files, can be done per site
- then we can remove conditional code for old eformat

AOB (2)

Tagging, CMT version directories

- recent versions of CMT allow working without the extra version directory, instead there is a version.cmt file in the cmt directory
- I have updated our scripts (getallpkg, updallpkg, buildpkg, etc) so that they can cope with this
- at the moment you need to add “-nv” to getallpkg but in future I would like to make this the default
- this means that we dont have to change directory names or check out new versions when people give their packages a new tag
- hopefully this might encourage people to tag their packages more often after making (tested) changes
- I think this will be useful as we move towards a production system

AOB (3)

Keeping in touch

- now have CERN as an additional L1Calo SW development site
- more phone meetings?
- another workshop or “experts week” in the new year?