

2008-05-27

The data handling group met last on Friday May 23 ([Data Handling Meeting Agenda Page.](#))

Here are the agenda items from the May 23rd meeting:

May 23, 2008

- [Nagios Overview/Status](#)
- xrootd update
- [Run Quality Update](#)
 - runQuality object to be added to scriptlet environment
 - runQuality.setL1RunStatus(long run, String status)
 - One of Running, Complete, InComplete, InProgress, Running, Unset
 - runQuality.setReviewStatus(long run, String status)
 - One of Not ready, Waiting review, (Reviewed, Unset)
- Datacat versions update
- AOB

Updates Since the meeting

- Data Catalog Versions
 - DEV and TEST databases have been converted to the new "Versioned Dataset" tables and code.
 - Tony has updated the Dataset Crawler to use the new tables and it is running in DEV
 - Warren is making progress converting L1 to use versions.
 - Dataset registration and querying works with the new code, at least in example tasks
 - Jim Chiang is having problems with registration in his task
 - I'm looking into this now
 - Jim Chiang & Co were having trouble with Dataset querying yesterday, but Tony made a change that should have fixed this
 - Jim has confirmed that he is able to query datasets successfully
 - The new code is meant to be backward compatible to existing tasks
 - This seems to be generally true except for Jim's task
 - We would love to have more people exercising their tasks in DEV to confirm these claims
 - Migrating the data in DEV (550k Datasets) took 22 minutes
 - If this scales linearly, it will take 7.5 hrs to migrate the 11M Datasets in PROD
 - Would be really nice to clean up datasets that no longer exist, in order to speed the migration
 - Tony ran a special crawl on NFS files last night to identify those that no longer exist on disk.
 - 91k files were identified.
 - Not enough to make a big difference
 - Would be nice to do this in XROOT, but an unresponsive node could give us false positives (or would that be 'positive falses'?)
- Run Quality
 - there is now a runQuality object available to scriptlets running in the DEV pipeline, to allow L1 to set the run status. See: <http://glast-ground.slac.stanford.edu/Pipeline-II/xml.jsp?task=825965&dataSourceMode=Dev > for an example of its use.