

Data Handling Weekly Meetings - 2008

Meetings are held via teleconference on Fridays, 10:30 Pacific time using the CalTech [EVO](#) system. We do not use video.

Please avoid an open mike, which may cause echoes. See the [evo](#) help. For further information be sure to have a look at the [VRVS Etiquette](#) page.

Previous Years

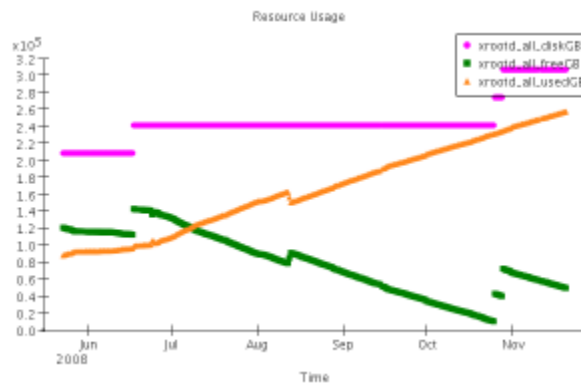
- [2007](#)
- [2006](#)
- [2005](#)

Dec 12 2008

- [Processing Time Plot](#)
- [Pipeline plans and priorities](#)
 - [Future improvements to the Pipeline and to L1Proc](#)
- Shutdown plans
- Status updates
- AOB

Nov 21 2008

- Highlights from
 - [ADASS](#)
 - [ACAT](#)
- Status reports/updates
 - Release Manager II
 - Resource Tracking
 - Pipeline Release
 - Improvements to RunQuality plugin (for Warren)
 - Enhanced ability to send vars/file to batch jobs? (for Tom)
 - Pipeline Front-End
 - Remove use of anonymous FTP for file/log access
 - Cleanup of data products



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- xrootd issues
- Data catalog improvements
 - Download manager release
 - Astro server release
 - Merit Skimmer release
- Leap Second fixes
- Google Sky interface
- Confluence/JIRA release
- Group Manager release

Oct 31 2008

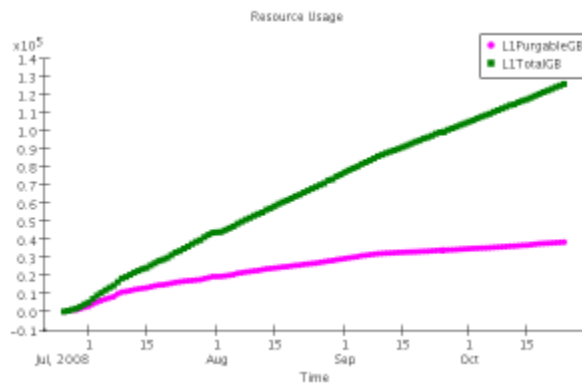
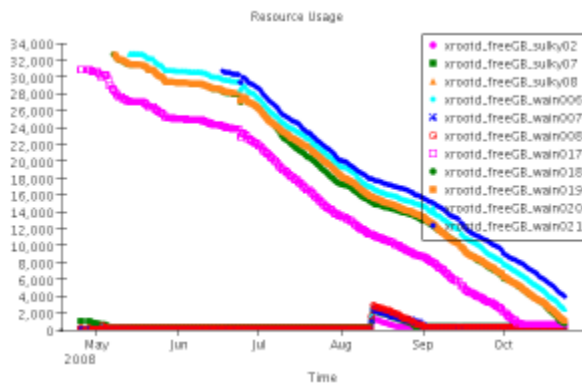
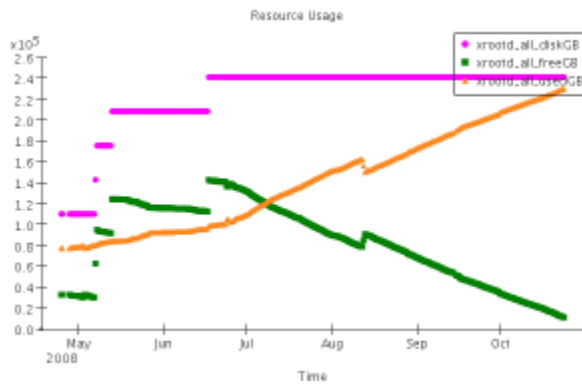
- Outages update
- xroot update
 - [New disks available](#)

- Problem with xroot root client discovered
- Oracle update
- [Pipeline releases](#)
- Planning for next week
 - End of daylight savings
 - Absence of Dan, Richard, Tony
- [Partitioned Tables in Oracle](#)

Oct 24 2008

- Upcoming outages
- Leap seconds planning
 - There will be a new leap second at end of 2008
 - Rob wants a list of all applications effected and whether we need to do anything to fix/test them
 - We have a Java class for correct translation from MET->UTC
 - "Lat clocks" <http://glast-ground.slac.stanford.edu/LatOps/>
 - Astro server
 - Anything else where we need to worry about this?
- [Astro Server](#)
- Disk/Oracle space
 - I plan to turn on purging of L1 files older than 2 weeks [?](#) today

Some plots from: <http://glast-tomcat03.slac.stanford.edu:8080/xrootdiskspace-web/index.jsp>

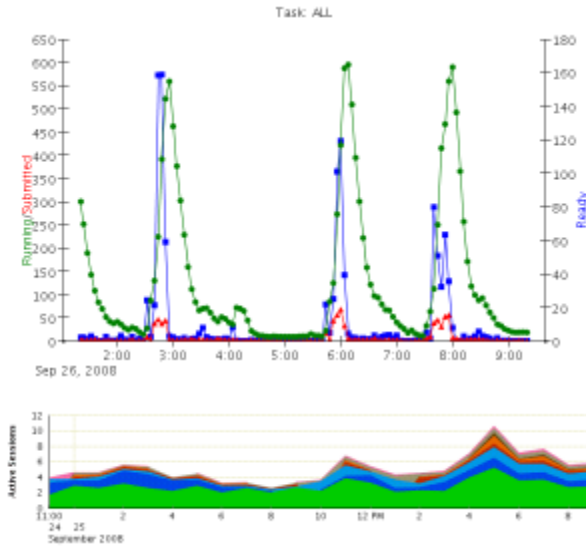


Oct 10 2008

- Database [cleanup status](#)
 - Removal of old housekeeping trending
 - Demo of new [resource trending tool](#)?
- [Accessing oracle using wallet from perl](#)
 - Access permissions on wallet
- Changing default for [Run Quality flags](#)
- xrootd Issues
 - Crawler problems
 - Other issues

Sep 26 2008

- [Database cleanup status](#)
- Pipeline 1.3.1 release planned for next week
 - Only fixes two bugs: [PII-369@JIRA](#) and [GRQ-10@JIRA](#)
 - Dan back next week
- Pipeline performance continues to be good



- Contingency ISOC planning
 - Especially as it may impact web tools
- xrootd tape backup plans
 - New tape group mappings
 - /glast/MC -> glastMC
 - /glast/Data/Flight -> glastflight
 - /glast/* -> glast
 - Files to be backed up
 - Cron job now writing list to ~/glast/backupfiles/level1backupfiles.txt (7128 files)

```
select filesizebytes,path
  from datasetgroup g
    join verdataset d on (d.datasetgroup = g.datasetgroup)
    join datasetversion dv on (d.latestversion=dv.
datasetversion)
    join verdatasetlocation l on (dv.masterlocation = l.
datasetlocation)
    join run r on (r.runid=l.runmin)
  where g.datasetlogicalfolder=39684091 and l.
datasettsite='SLAC_XROOT'
    and (l1procstatus in ('Complete' , 'Incomplete') or
sysdate-lastModified>'7 00:00:00')
    and datasetdatatype in ('DIGI', 'RECON', 'MERIT', 'SVAC',
'GCR')
  order by datasetdatatype, runmin;
```

- Wilko leaves Oct 6, back Nov 5. Has been working with Tofigh, so Tofigh can help provide emergency support.

Sep 5, 2008

- Pipeline release plans
 - Plan to have everything in DEV by today (most is already there), release to PROD on Monday
 - [Pipeline Server](#), [Pipeline Front-End](#)
 - Ready state issues?
- [Reprocessing readiness](#)
- xrootd update
- Miscellaneous
 - Apps being moved from tomcat07 (glastInx09) to tomcat06 (glastInx13).
 - This will cause some nagios messages until nagios monitoring is updated
 - This is to free memory on glastInx09 for [astro server](#) database
 - confluence 2.9 is now set up for testing at <http://confluence-new.slac.stanford.edu>
 - jira-new coming soon

8/8/08

- Infrastructure Shifts
- Recent/Upcoming release plans
 - [Shift Schedule](#)
- - [Pipeline Server](#)
 - Data Portal
 - [FITS Skimmer](#)
 - [Data Portal History](#)
 - Merit Skimmer
 - Data Catalog
 - Astro Server
 - Require releases of org-glast-dataportal-model, org-glast-datacat-client, org-glast-datahandling-common
- Nagios overview - Emmanuel

Aug 1, 2008

Now that the rush to get things ready for LEO is subsiding we should go over what things didn't get done before, and what needs to be improved, cleaned up, etc.

- Near term plans for
 - Pipeline
 - [Roadmap](#)
 - [Front-end](#)
 - Data catalog
 - [Linemode download manager](#)
 - Ability to delete files from data catalog
 - Ability to purge old versions of (L1) files
 - In both cases data catalog will mark files to be deleted, then crawler will actually delete the files (from xrootd)
 - Skimmer
 - Upgrade web front-end to use v6 backend
 - Understand issues with skimming real data
 - Miscellaneous improvements
 - Xrootd
 - [Access to xrootd files](#)
 - Plans for backing up files

Jul 17, 2008

- Reprocessing discussion
 - [Database tables](#)
 - [Web interface](#)
 - Pipeline interface
- [Line-mode datacat](#) - new features
 - [Line-mode download manager](#)
- Infrastructure shifts discussion

Jun 20, 2008

- Plan for next week
- New "[how to login](#)" page from Mark
- AOB

Jun 13, 2008

- Final decisions about infrastructure shifts

- Request from Ian/Arash for oracle outage
- Updates
 - Pipeline status
 - [Run Quality](#)
 - xrootd
 - Data Access
- AOB

May 30, 2008

- Run Quality Update
- Database/Performance issues after pipeline upgrade
- AOB

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

May 16, 2008

- [How to Fix](#) Status Update
- [Xrootd release schedule](#) etc
- Demo/Discussion of [Run Quality Web Interface](#)
- Shift Signup ([demo](#)/infrastructure shifts)
- AOB

May 9, 2008

- Data Catalog line-mode client update
- Xrootd Update (New fileserver, new xrootd release, glastlrx22, etc)
- AOB

May 2, 2008

- Stress test update
- Pipeline II progress, release plans
- Xrootd Update (New fileserver, new xrootd release, etc)
- AOB

April 18, 2008

- Launch update
- Stress test issues
- Run Catalog Discussion
 - Questions
 - Who registers the run?
 - What is the relationship to Bryson's downlink tables
 - - How do we know if run is complete?
 - Are runs assigned a status before the run is complete?
 - Is rerunning a top level stream a "reprocessing"
 - Can original run status change as a result of reprocessing
 - If so do we need a history?
 - What should the web interface look like
 - [Initial Schema proposal](#)
- xrootd status

April 11, 2008

- Oracle switchover plans
- xrootd tape archiving status

- AOB

April 4, 2008

- Oracle Database Update
 - Status
 - [Failover](#)
- [Pipeline II release](#)
- Infrastructure "How-to-fix" documentation
- Expert Shifts
- AOB

March 28, 2008

- Oracle Database Update
 - Schedule
 - [Stress Testing Results](#)
- Pipeline [Update](#)
- Upcoming CCB action requests
- Infrastructure "Expert Shifts"

March 21, 2008

- [Tomcat servers update](#)
 - Automount problems
- Oracle
 - Oracle server/stress testing [update](#)
 - [KABOOM](#)
 - Oracle [wallet](#)/roles/materialized views discussion
- Data catalog
 - Line mode client
 - [File versioning](#)
- Recent [CCB action requests](#)
- Upcoming CCB action requests
 - Pipeline client rollback fix (1.0.2)
 - Pipeline front-end fixes (message viewer etc) (2.5.1)
 - Group manager fix to import data from campus MySQL (1.7) and export list of users for xrootd
 - Put oracle wallet into production for Pipeline Server (1.0.1), Pipeline Client (1.0.3?), Datacat client (1.1.1)

February 29, 2008

- Fallout from yesterday's outage
- Pipeline deadlock update
- xrootd update
- Preparation for opssim2
- Plans for [Change Control Board](#) (CCB)
 - [Preliminary project list](#)
- Oracle passwords
- ASP web display update

February 22, 2008

- Stress testing progress/problems
- Data cleanup progress
- [ASP web display plans](#)

February 15, 2008

- Shift Database/Web app
- Using AFS tokens to log in to glast account (postponed to later)
- New Crawler
- OpsSim2 readiness issues
 - xroot and old file versions
- Schedule for OS/IP upgrade on glastlnx*
- Effects of [elimination of services](#)

February 1, 2008

- Oracle
 - [Meltdown recap](#)
 - [Using oracle roles](#)
- Portal demo

January 18, 2008

- New Releases
 - [Data Catalog line mode client](#)
 - [Tomcat server monitoring](#)
 - [Cross Trending](#)
- xrootd status/issues
- [Disk space usage for Pipeline tasks](#)
- [Oracle/MySQL passwords again](#)
 - [Ian Note 1, 2](#)
- [Data Handling To Do list](#)
- AOB

January 11, 2008

- [GPL Tools Release](#)
- Pipeline Release Plans/Priorities ([Server](#), [Front End](#))
- [Pipeline Disk Usage](#)
- AOB