

SAM Status and Plans

Adam Lyon

CD/REX DØ

SAM Stakeholders Meeting
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1 *Current Projects*

2 *Significant Issues*

3 *Ongoing and Future Projects*

Sam v5 to v7 Migration

- Online is done (Dehong and Andrew).
- SAMGrid is linked to MC Request system and Runjob.
- Basic MC Request system testing complete.
- MC Request system tables in DØ production.
- Runjob being updated to use request system.
- Testing and migration plan in place.
- Turn off v5 for remote sites by the fall.
- Production farm at FNAL is upgrading too.

Investigate low CPU usage on CAB farm

- Slow disk access for high rate jobs.
- Sysadmins are testing other filesystems.

Current Large Projects for CDF

CAF job failure recovery

- **Still** being tested by CDF?
- Add columns to DB so can associate jobs with consumer process.

SRM

- Andrew has started discussions with Donetella
- Has released a requirements document and implementation proposal (we will review this today at the 2pm SAM Meeting)

Current Projects for MINOS

Add `sam locate` functionality to C++ API.

- Andrew is pretty busy right now - I think both he and I will do it.

Significant Issues

- Low CPU usage for high rate jobs at DØ.
- DB Server Stability
 - I have not heard of stability problems at CDF for about the last two months.
 - Must be careful that old clients do not trigger Corba orb problems.
- I am becoming a co-convenor of a Physics sub-group
 - Thinking of a “deputy” project manager

Testing & Monitoring

- Station testing has been added to test harness with MIS instrumentation (Steve Sherwood & Andrew)
 - Detailed station metrics can be recorded
 - Good test of MIS
 - But still a small scale system (a few worker nodes)
- MIS
 - Testing with test harness showed some problems; fixed
 - Plan to deploy to clued0 when Steve S. has time.

Ongoing and Future Projects 2

Improve SAMGrid

- Improve installation documentation
- Automate many functions and improve usability
- Dehong joins the SAMGrid support team

Improve DB Server Performance

- Steve W. has made some minor fixes for inefficient code
- Awaiting more time from Steve W.
- Randolph is now a DB Server supporter

SRM (see above)