

Distributed Analysis Session NEWS

30 November 2010
ATLAS S&C Week

General

- User can analyse ATLAS data and publish results
- But DA suffers from known operational issues:
 - Site SE hick-ups during job execution
 - dq2-get failures of output
 - Software installations problems
 - DaTri problems
- Getting into a consolidation phase
 - More automation and improved monitoring
- Improvements in ROOT job wrapping ?

DA Coordination News

- DA development now has a bi-weekly meeting, Wednesday afternoons
 - Agenda are in the Grid Tools and Services category:
 - <http://indico.cern.ch/categoryDisplay.py?categId=649>
 - Dev. mailing list: atlas-distributed-analysis@cern.ch
- DA twiki clean up:
 - <https://twiki.cern.ch/twiki/bin/viewauth/Atlas/DistributedAnalysis>
 - includes list of DA development tasks

HammerCloud News

- Running smooth service for functional and stress tests
- <http://hammercloud.cern.ch/atlas>

(CMS and LHCb also available)

- Used in automatic ANALY Panda queue black listings now (see later presentation)
- Could benefit from more test cases (volunteers ?)
- 15.6.6 Muon stress test not good anymore - kit will disappear today
- Move to 16.0.2.3 Muon stress test
- D3PDMaker: will setup new 16.0.2.7 test soon
- Production system monitoring: Ganga Prodsys plug-in needed - volunteers ?

ANALY_CERN_XROOTD

- ATLAS and CERN IT have been working on a Large Scale Test (LST) of the new EOS storage prototype:
 - <https://twiki.cern.ch/twiki/bin/view/Main/LST2010>
- Testing began in July and was "offline":
 - DDM Functional Testing
 - HammerCloud DA Stress Testing
 - Production System Testing
- Testing from real users began on Nov 18th:
 - ANALY_CERN_XROOTD set online
 - 500 job slots
 - This phase will last ~3 months

Talks in this session...

Distributed Analysis

Conveners: Johannes Elmsheuser (Ludwig-Maximilians-Universität München) , Dan van der Ster (CERN)

Location: [13-2-005](#)

16:00 **News 10'**

Speakers: Johannes Elmsheuser (Ludwig-Maximilians-Universität München) , Dan van der Ster (CERN)

16:10 **Panda News 15'**

Speaker: Tadashi Maeno (BNL)

16:25 **User Monitoring and Ganga News 15'**

Speaker: Jakub MOSCICKI (CERN)

16:40 **DAST News and User feedback 15'**

Speaker: Nurcan Ozturk (University of Texas at Arlington)

16:55 **PD2P Status 15'**

Speaker: Kaushik De (UT-Arlington)

17:10 **TAG news 15'**

Speaker: Mark Slater (School of Physics and Astronomy, University of Birmingham)

Material:

[Slides](#)



17:25 **Site auto blacklisting 15'**

Speaker: Dan van der Ster (CERN)

17:40 **Job duration and input access 15'**

Speaker: Johannes Elmsheuser (Ludwig-Maximilians-Universität München)