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Activity Reports 2016 - Danila Oleynik

Activity in 2016

- Support of stable ATLAS production in OLCF
 - ◆ Improvements of OLCF specific components, which allow significantly increase efficiency of usage
 - ◆ Fixes for providing proper accounting information
- Pilot 2.0
 - ◆ Working for definition of component model
 - ◆ Participation in regular dev. meetings
- Participation in meetings and conferences
 - ◆ GRID 2016 plenary talk "Integration of ATLAS production system with supercomputers"
 - ◆ OLCF F2F users meeting
 - ◆ OLCF BigPanDA meeting
 - ◆ Rutgers BigPanDA meeting

September (only)

- Support of stable ATLAS production in OLCF
 - ◆ Minor tuning of OLCF specific components
 - ◆ Definition of dedicated tasks for LCF require some manual operations and starts to be an issue. Looking for proper solution
- Migration to new new sitemovers support
 - ◆ Few attempts of migration for limited number of sites illuminated minor issues with implementation
 - ◆ Needful fixes were applied, but preproduction testing of new version take time
- SAGA based version of Submitter component for Harvester
 - ◆ First version implemented, testing at OLCF and NERSC required

October

- Support of stable ATLAS production in OLCF
 - ◆ Minor tuning of configuration and components
- Harvester deployment at OLCF, extending of documentation with OLCF deployment speciality.
- SAGA submitter for Harvester debugging
- Preparation for schedconfig controller migration
- Small presentation at JINR about current status of PanDA * Discussions of possibility of usage of PanDA for experiments at NICA
- Preparation for SC 2016

November

- Support of stable ATLAS production in OLCF
- SAGA submitter for Harvester debugging
- Preparation for SC 2016
- Participation in SC 2016
- Participation in BigPanDA F2F meeting in Rutgers
- Adaptation of MultiJob Pilot for LSST @ Titan

December

- Support of ATLAS production in OLCF
 - ◆ Fixed couple of bugs, which affects accounting information. Still some inconsistency appear in dashboard (despite data from PanDA DB). Will continue debug with Eddie after holidays.
- Participation in the 1st International School: Problems of Big Data Processing, Analysis and Management in Distributed Heterogeneous Computing Environment for High-Intensity Scientific Areas and Business Applications
- Adaptation of MultiJob Pilot for LSST @ Titan including debug of whole chain starting from job submission

-- PaulNilsson - 2016-10-10

This topic: PanDA > Pilot2ActivityReports2016DanilaOleynik

Topic revision: r7 - 2016-12-21 - DanilaOleynik



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