

Production tools work status

- The production tools version 1.2 is under construction:
 - Porting job script from bash to python language
 - In progress
 - Adding of signal handling management of critical statuses
 - Done
 - Re-factoring of data handling procedures via LCG-Utils
 - Done
 - Moving to a more efficient DB ER schema
 - Done
 - Web portal recoding with template php library
 - In progress
 - GANGA submission engine optimization
 - Done

User tool for Grid access

- A GANGA based system permitting the user to exploit EGI Grid submiss
 - Job submission CLI/GUI
 - Under testing
 - On line job monitoring CLI/GUI
 - Starting with EGI Grid only, resource access, moving to multi Grid flavours exploitation in a second phase
 - Testing Grid submission at CNAF
 - SuperB specific GANGA plugin under evaluation
 - Integration with SuperB environment
 - Communication with user job “bookkeeping” DB

GANGA ref. <http://ganga.web.cern.ch/ganga/>

Site setup status

- Ohio Supercomputer Center (OSC), <http://www.osc.edu/>
 - Contact: Rolf Andreassen
 - Status: **Testing**
- Oxford University, <http://gstat-prod.cern.ch/gstat/site/UKI-SOUTHGRID-OX-HEP>
 - Contact: Fergus Wilson, Pete Gronbech, Kashif Mohammad
 - Status: **Completed**
- Caltech Computing Center
 - Contact: Michael Thomas
 - Status: **Completed**

CNAF operations

- SuperB available User Interfaces (LSF/Grid), SL5 x86_64
 - bbr-serv08, bbr-ui --> ui01-spb, ui02-spb (short downtime in April)
- Enforcing reliability actions for production services:
 - Alarm sensors enabled for MySQL and Apache services
 - Auto restart mechanism of critical services activated
 - TSM backup for bookkeeping DB activated
- Production area management
 - Cleaning, ownership standard redefinition, other. In progress
- CNAF anticipated 16TB/50TB added to gpfs_superb
- CNAF FTS (File Transfer Service) is configured at CNAF, the channel CNAF – IN2P3-CC is available.

CNAF operations II

- Downtime operations completed
 - Two accounts for two experiments
 - babar login: [`<username>-bbr`] (new password sent via email)
 - superb login: [`<username>`] (new home area, bash)
 - SuperB home dirs are no more exported on WN (no impact on work capabilities)
 - New user areas
 - OLD `/storage/gpfs_babar6/sb/<users>`
 - NEW `/storage/gpfs_superb/users/<users>`
 - LSF and Grid submission are now available
 - Superb queues still available to both experiments
- The general CNAF operation plan aimed to move smoothly the experiment setup in a fully Grid compliant scenario