



Status Report: ILDG Middleware, JLDG & LQA

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AGENDA

1. New JLDG operation based on Gfarm v2
2. Faceted navigation interface for QCDml
3. Updates in FC

Enhancement of JLDG



- **Not only distribution of public data but also daily data sharing in research groups**
 - ▶ Access control by users and groups required
- **Required software development of Gfarm v2 for New JLDG is completed**
 - ▶ DSI Interface of GridFTP server for Gfarm v2
 - @ No need of individual UNIX user account
 - ▶ Synchronizing tool with VOMS group management

New JLDG operation about to start



- **Under final testing**
- **GridFTP server in Univ Tsukuba is ready**
- **File replica creation achieves 50 MB/sec to 80 MB/sec among sites**
- **80 Tbyte of storage is ready to be added**
- **VOMS Synchronization test is completed**

Faceted Navigation of QCDml



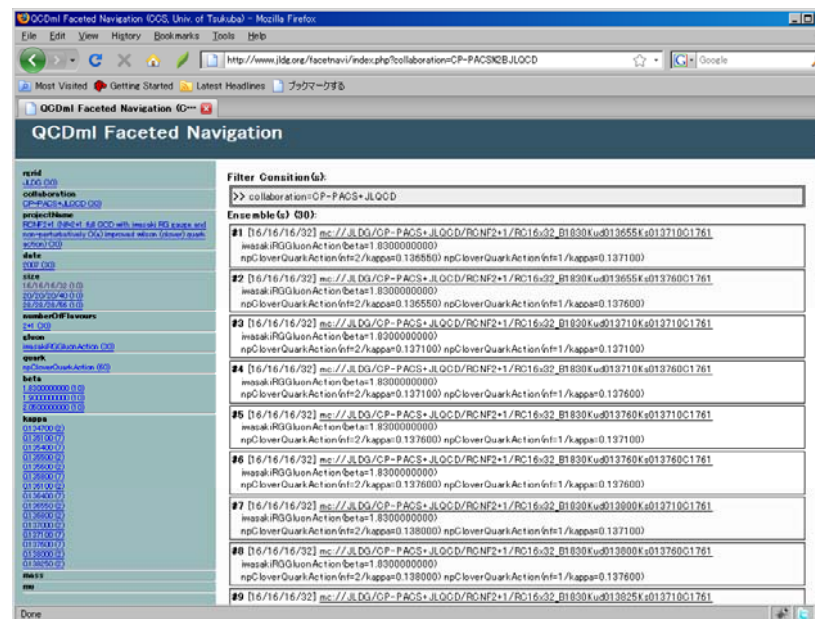
Faceted Navigation I/F of QCDml is ready

▶ <http://www.jldg.org/facetnavi/>

Data stored

▶ Ensembles that were accessible in May 2008

▶ 178 ensembles from 6 regional grids



Future work

- ▶ Automatic retrieval of latest ensembles from ILDG
- ▶ Implementation of additional functionalities:
 - @ Viewing respective ensemble XML files
 - @ Listing LFNs
- ▶ Ajaxization for better user experience
- ▶ and more ...

Any comments and suggestions are welcome

- ▶ Email me! (amagasa [AT] cs.tsukuba.ac.jp)

Updates in FC



- The problem in translating LFN to TURL has been fixed
- JLDG has been seamlessly connected to ILDG

Thank you for you attention!