

## ATLAS Grid Information System AGIS: cache of experiment specific information for the various ADC systems like PanDA, DQ2, Dashboards

- Static information, e.g.:
  - Cloud and Tier level -- T2D
  - DDM endpoints (e.g. acl and quotas for groups)
  - PanDA queues
  - Frontier/Squid service info and ATLAS specific configuration ...
- quasi-static information, e.g.:
  - downtimes
  - ADC activities status: DDMendpoint blacklisted, pandaqueue set offline ...

AGIS collects info from many sources: AGIS itself, site/services/cloud responsible, GOCDB/OIM, BDII ...

## ATLAS relies on BDII information:

- Services that use the BDII: FTS, WMS, SAM(NAGIOS) and AGIS
  - DDM, SW installation, Monitoring
- ADC benefits of the service discovery function provided by the BDII
  - The information cached in AGIS
- both EGI and OSG are making efforts to keep the BDII up-to-date

open question: Disk space publication. **Dark Data**

Simone @ GDB sept2010 (<http://indico.cern.ch/conferenceDisplay.py?confId=72061>),  
I.Ueda @ GDB dec2010 (<http://indico.cern.ch/conferenceDisplay.py?confId=83606>)

- ATLAS would like to know how much data is stored in TxD1 spacetokens.
  - From specifications on the IS there should be:
    - Total: available at a given moment (it should
    - Used: space occupied by available and accessible files
    - Guaranteed
    - Free = Total - Used
    - Installed: phys space of a storage area
  - But in the IS sites publish Total == Installed

ATLAS observes inconsistencies btw BDII and SRM info