

GOCDDB Status Update (JRA1 29/07/2013)

V5 is nearly completed. A few remaining TODOs:

- Refine some scoping hints/tips.
- Decide how to best handle deletion of NGIs/Sites/Services
 - In v4 no data is deleted (it is only turned 'off').
 - V5 options:
 - Don't delete NGIs/Sites/Services and just turn off as in v4.
 - Permanently delete NGIs/Sites/Services but make a record of deletions in an audit/history table.
 - Investigating – has implications for custom queries needed to view snapshot of the grid at a particular point in time.
- Update v4 to v5 data exporter scripts to export a fresh copy of the v4 data.
- Update failover instances (Fraunhofer+DL) and monitoring scripts.
- Deployment scheduled for early Sept before TF.
- Existing production instance will be moved and maintained as a read-only archive.
- In process of bidding for new developer as replacement to JC.

- New service type added 'org.nordugrid.ares.' (ARC version 3 Compute element, does not replace older ARC_CE).
- Requirement recently raised for a single Service instance to be shared between multiple hosting Sites (currently, a service can only have one hosting site).
https://ggus.eu/ws/ticket_info.php?ticket=95621

Use cases (waiting for clarification):

- To cascade permissions: i.e. allowing users from both sites to put the shared service into downtime/make edits to the service etc.
- To return the same (shared) Service and Downtimes in the PI results when specifying different sites that each own the service: i.e. the 'get_downtime' and 'get_service_endpoint':

https://gocdb-test.esc.rl.ac.uk/v5_pi/public/?method=get_downtime&topentity=SITEA
https://gocdb-test.esc.rl.ac.uk/v5_pi/public/?method=get_downtime&topentity=SITEB

https://gocdb-test.esc.rl.ac.uk/v5_pi/public/?method=get_service_endpoint&sitename=SITEA
https://gocdb-test.esc.rl.ac.uk/v5_pi/public/?method=get_service_endpoint&sitename=SITEB

PI would show same shared DT and Service instance in XML results

Implications:

- None for GOCDB but on other PTs?
- Suggest we delay this requirement until after first v5 release as this requires changes in data model.