Contribution ID: **137**   Type: **Poster**

GOCDB new architecture and design for working in a European Grid Infrastructure

Project(s) or EGEE activity presenting the demo or poster (project or activity names only)

SA1

Special requirements other than the set up mentioned in the CfA text.

N/A

Abstract

In recent years, GOCDB has become the central authoritative repository for topology and site information within EGEE and WLCG. As with other tools used by these organisations, many changes are required in the GOCDB architecture due to the dramatic evolution of the overall EGEE infrastructure towards a regionalised model.

The new GOCDB architecture is based on a pseudo relational object database model (PROM) which allows for the separation and distribution of GOCDB to each EGEE region and prepares for distribution to each possible future NGI. We will create a poster to explain the design and implementation of GOCDB-4, from a general system overview to technical details regarding the operating interfaces and database design. The poster will also provide an update showing the latest system developments as well as a status report from pilot instances of regional GOCDB-4 nodes.

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