

GOCDDB Portal Developments

ian.johnson@stfc.ac.uk

STFC Rutherford Lab

- Operational support
 - Service monitoring
 - Rehearsal of service failover (manual switching from primary to secondary server)
- Portal Functionality and Usability
 - Looking to enhance the authentication schemes that the GOADB portal can use

- Currently, all portal access requires an X.509 certificate
 - we wish to allow user access if they don't have access to their certificate
 - we could allow anonymous access to selected read-only pages, for example

- Testing security component from the Symfony PHP framework
 - Symfony security firewall allows one to define URL patterns which can be protected by one or more authentication schemes (e.g., try X.509 first, then fall back to a form-based login)
 - Areas can have Role-Based Access Control

Experiments with Symfony

- Using a Symfony demonstration application as a testbed for configuring the security firewall, testing X.509 authentication and form-based login
- Integrate GOADB functionality next