

EGI-Engage GOCDDB Plans

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GOCDDB AAI abstractions inspired by Spring Security

Currently supports x509 + SAML2 (allows EGI SSO un/pw login)

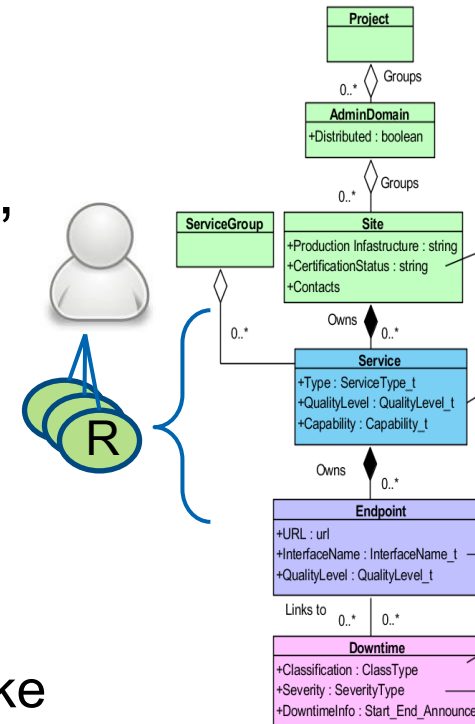
Roadmap

- Likely requirement for:
 - a) More AAI scheme support (AAI TF outcome, Un/Pw fall-back?)
 - b) Support multiple federations
 - c) Account linking – support multiple methods to authenticate but link to one GOCDDB user account
 - Must consider different levels of assurance for different schemes
- Requirements from EUDAT and maybe Elixir?
- Finer grained content rendering
 - permitAll + protected page/region rendering (v5.3.2, April)

Users have roles over objects in the Domain model

Roadmap

- Further abstract the role so different Projects hosted in same instance can customise Roles, RoleTypes, Business Rules per-project
- Investigate use of (BRMS)
- Enhance current audit logging to record more actions (who did what and when).
 - EUDAT requirement for CMDB purposes
 - Role-Action log to record role Approve/Denial/Revoke (ready for testing - v5.3.2)
 - Record diffs when editing objects (pre/post change)



Roadmap

- New objects/attributes to support changing infrastructure and Service Marketplace requirements, e.g.
 - Pay4Use, new XML objects for pricing rather than relying on extension props
 - More attributes/objects (e.g. GLUE2)
 - Enhance custom properties to allow any value
 - XML/JSON/scripts, `<![CDATA["` sections in PI `"]]>`
- Replace GOCDB's proprietary MVC with Symfony2, Refactor GUI. A lower priority

- CRUD API, insert dynamic service status
- EUDAT have already implemented a writable PI interface to their GOCDDB instance to POST extension properties (potential for re-use).
- May not be needed for GOCDDB

Summary (in order of decreasing priority):

1. Extend AAI + Account Linking
2. Roles, Rules and Auditing extensions
3. Extend Data Model
4. MVC + GUI refactoring
5. CRUD API