WP2
Security Task
Status

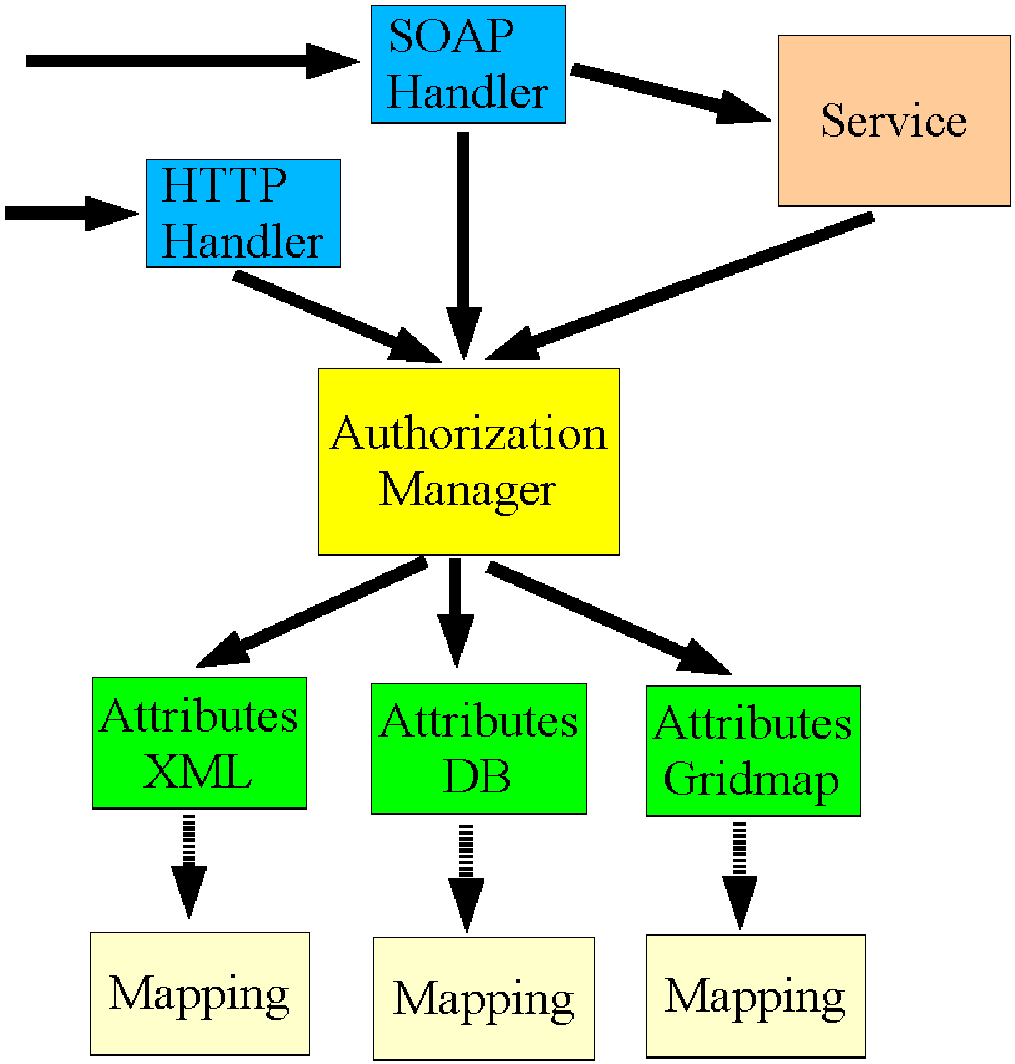
TrustManager

- Basic functionality ready
  - Support for proxies, java and pkcs12 keystores, dirty globus tricks
- Needs proxy update routine
- Prototyping delegation

Authorization

- Modularization ready
- Wrappers for HTTP and SOAP
- Backends: XML, DB and Gridmap

Authorization



Authorization

- Authorization Servlet
  - Filters HTTP connections based on authz decision
- Authorization over SOAP
  - Filters SOAP connections
- Authz inside applications
  - Authz decisions sometimes impossible before service, needs data internal to service
  - Authorization manager can be accessed from applications

Authorization

- Authorization Admin interface
  - Web based interface to administer the authz settings
  - Uniform access to all backends
  - Manage policies, attributes, users

HTTPJavaClient

- Based on HTTPClient library
- Handles the configuration of user authentication
- Eases the client development by wrapping all HTTP routines (retries, timeouts, auth) behind one simple interface
- Supports HTTP, HTTPS, proxies etc

Integration

- Spitfire (auth+authz)
- Reptor (auth, authz later)
- RepMec (auth, authz later)
- RLS (planning)
- R-GMA (auth)

Under development

- gSoap client stub for c/c++ clients
- Delegation using HTTP methods GET-PROXY-REQ and PUT-PROXY
- Install scripts for authz