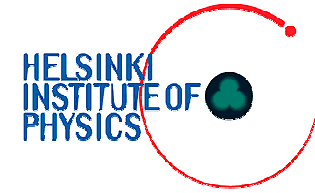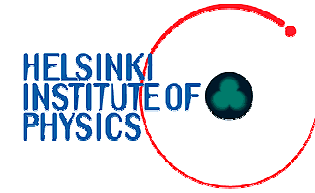# WP2
Security Task
Status

TrustManager

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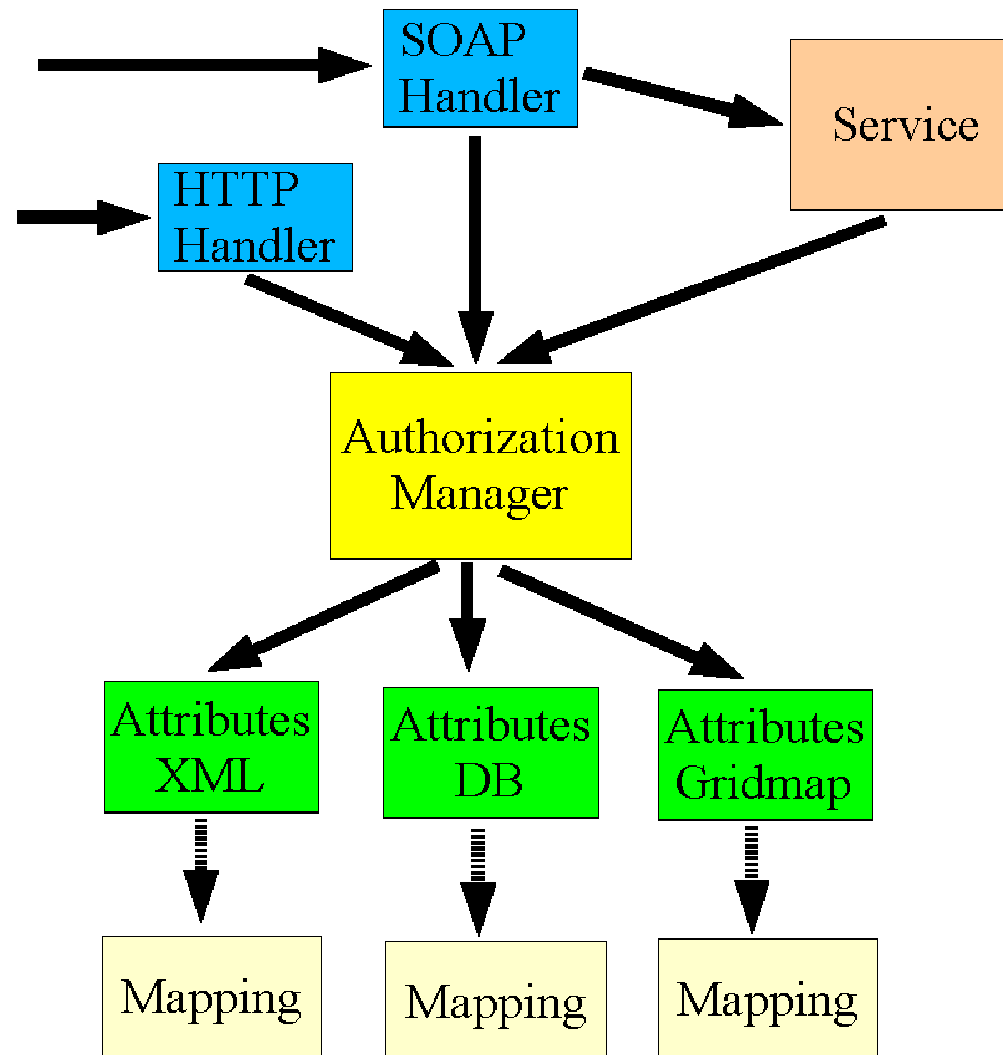- Needs proxy update routine
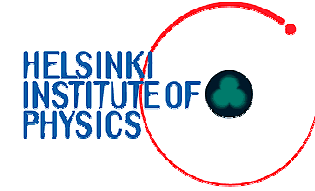- Prototyping delegation

Authorization

- Modularization ready

- Wrappers for HTTP and SOAP

- Backends: XML, DB and Gridmap
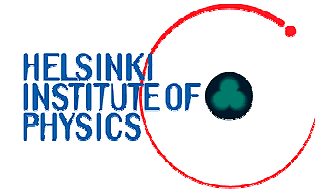
Authorization

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

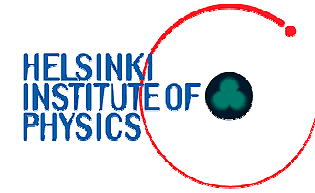 - Authorization manager can be accessed from applications

Authorization

- Authorization Admin interface

  - Web based interface to administer the authz settings

  - Uniform access to all backends

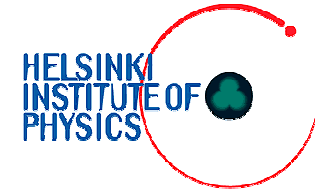 - Manage policies, attributes, users

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
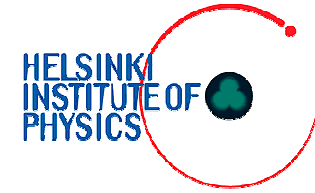
- Supports HTTP, HTTPS, proxies etc

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