



Authorisation Sessions

Results



Red IRIS



- Many different (mostly incompatible) approaches
 - Grids
 - NRENs
 - Industry
- The paths to crawl
 - Syntax convergence in interfaces and protocols
 - Semantics convergence in attributes
 - Trust convergence

- An infrastructure usable all over Europe (and beyond) enabling seamless sharing of e-science resources
- Able to support seamless and location independent access to network and application services
- The special requirements of the industrial sector will lead to specific rules for industrial federations
- Conditions for federated e-science
 - Absolute respect for site autonomy
 - Possibility of sharing a limited subset of resources
 - AUP is a pre-requisite

- **Convergence at a technical level**
 - Protocols: Initial common agreement on SAML and Web Services
 - Semantics an attribute convergence starting
 - Need for a bootstrap method for trust anchor exchange
- **Policies and trust. Beyond technological issues**
 - Federated models
 - The Cotswolds Group
 - A (con-)federation of existing (NREN/international project) federations
 - Network peering model considered relevant to extending coverage
 - Set of criteria needed to judge whether to accept a 'candidate' federation
 - Key action: production of a 'cookbook' to describe the criteria and the selection process
 - Need for translating federation policies into machine readable format
 - Automatic negotiation resulting in trust anchor exchange

- Work towards a common federation for academia and research institutes
 - Based on possibly preliminary federation policies
 - As soon as realistically feasible
- Be prepared to change federation rules as we scale up

