

‘Speed Dating’ Session Notes

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- **Why do people NOT use it (e-Infrastructure) , Not engaging**
- **Lower barriers : Training ; Awareness**
- **We are all measured by user adoption!**
- **Identifying gaps in training provision – limited in current funding**
- **Driven by interest in visibly widening remit of community engagement (not just usability)**
- **Gap analysis on services which may need training & education support**
- **Social science methods to understand uptake**
- **Methods for embedding**
- **Assist social scientists (and OTHERS!) to use e-Infrastructure**
- **Harvesting service providers experience of uses**

- **Gathering ACTUAL use cases and potential impact of SO**
- **'Experience' reports**
- **Collect Use cases ---In text, UML, templates, ethnographic, SUMS (e.g. for workflows)**
- **Analysing and providing improvements to use cases & tracing back to evidence**
- **Helping researchers to grasp benefits of e-Infrastructure**
- **Look at JISC defined e-Infrastructure and institutional components**
- **Look at e-Infrastructure as a continuum of services**

- **Outputting as SUMS – high level SUMS**
- **Need a way to describe what use cases project is doing – Is ‘community engagement’ the right term?**
- **Usability perspective [in widest sense – not just interface design)**
- **Need to be consistent & comparable**

- **Inputs to e-Framework via ‘service clusters’**
- **OMII- should talk to NeSC not just EPCC!**
- **[Capturing use cases with e-Inf services, too)**

- An advisory service
- Providing advice and guidance on licensing issues regarding open source
- Builds and sustains open source communities
- Can help projects with evaluation of open source against alternatives; licensing queries; legal advice; policy advice; and community building
- Has an enabling role
- Its aim is to encourage adoption of open source and ongoing contribution back from users
- Can facilitate collaboration between projects especially with regards to software and documentation
- Focus on building a community for sustainability

- Activities include:
 - Mapping current use of SOAs in institutions
 - Creating service-oriented building blocks
 - Providing a roadmap and getting people together
 - Working out how things fit together and building a shared knowledge base
 - Building an inventory of software solutions
 - Improving reusability of services through commonality, publication, availability
 - Mapping services so people can use them and reviewing services so they can be used
 - Combining services to add value
 - Standardising descriptions of services
 - Providing a view of services used within JISC community
 - Promoting interoperability
 - Providing an overview of use cases and possible applications
- It is not an architecture or exclusively about web services
- Offers project a wide audience and sustainability through its international dimension
- eResearch needs more crossover with elearning

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- A production-level grid computing service
 - A gateway to computation resources
 - Service-based
 - Coherence is key to NGS
 - Offers a spine of core expertise, not attached to any particular domain
 - An interest in open standards and interfaces
 - Issues include: challenge to find production-level software; balkanisation; reinvention of wheels; tension between its nature as a production service and innovative research
 - Has engaged user communities and has a commitment to growing user communities
 - Has a role in convincing stakeholders to develop a shared vision
 - Promotes best practice

- A repository for software at the end of a project
- Harvests and sustains software
- Provides OGSA-DAI and learns from production applications
- Creates sustainable software
- Understands requirements of different communities
- Harvests code in the community and brings to production
- A source of use cases which are used to encourage adoption of software
- Provides services including catalogue, expertise on software engineering, consultancy
- Main goal is user adoption
- Engages with new projects

- A number of domain research projects
- Works with domain researchers to understand how NESC can better support the research lifecycle from a national perspective
- Activities include data modelling and computational modelling
- An interest in OGSA-DAI

- Looking at tools for virtual organisation from an FE perspective to research perspective eg GROUPER
- Grouper/Signet integrated for managing access
- Learnt from Shib to focus on ID management
- Tools for supporting VOs
- Access control via Shibboleth
- Use case – students sharing resources
- Role information and access permissions
- Phase 1 – look at space – grouper signet
- Impact of Shib 2.0 – not sure what this might be
- VO tools are gap in OMII software catalogue

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- Interesting deployment study key to e-infrastructure not addressed by OMII-UK
 - GROUPER
 - Deploying technology related to VO management
 - Shib – ID mgt in an institution is difficult – mapping multiple IDs is difficult – unis are not hierarchical
 - Security of services such as wikis, blogs, grid, etc
 - Fine grained access to individual tools
 - Support VO tools using open source software
 - Large scale deployment
 - Support – rolling out on large scale
 - Group infrastructure tool
 - Project to use grouper to see if it is scalable from a management perspective for allocating groups to users.
 - Shib early adopter
 - Set up and manage groups in a federated environment

- Set of attributes determine whether a user has access to resources
- Core component of current round of AA projects
- Attributes and policy – the policy engine that grafts onto shib
- PERMIS for finegrained authorisation
- Addressing the complexity of access control
- Roles and policy
- Attributes can be any thing controls access to resource
- Authz
- Pull from different stores.

- Developing software called NNA-PIP
- Allowing use of multiple attributes sets sources from multiple sources
- Globus-Shibgrid – GT4 authorisation co-ordination
- Standardise a protocol for attribute aggregation and implement it
- Multiple attributes from attribute providers
- Based on SAML2.0 but not directly connected to Liberty Alliance
- OMI is source of code and use cases and recipient of code being developed
- Extending Shibboleth/VOMS to handle multiple identity provision and prototyping those extensions
- Contributing to making VOs more manageable
- Federated access control/authorisation
- Integrated permits?? From different ID providers
- Auth over multiple attributes
- Open PERMIS

- PERMIS-VOMS integration allowing users to access PERMIS-protected resources
- Authentication and attribute management
- Integrates with Shintau project
- Fundamental component
- Kent/Glasgow
- Proxy tokens to be accepted by PERMIS
- VOMS is an attribute management system
- Integration with OMII-UK, gLite