

GRAND project (Granularity, Audit, N-tier and Delegation)

Cal Racey

ISS, Newcastle University

<http://research.ncl.ac.uk/grand>

March 4th 2010

JISC Program Meeting Greenwich



Institutional context

Context:

- Service department
- 7 year history of IDM projects
 - IAMSECT
 - GFIVO
 - IDMAPS
- Mature IDM tools
 - Shibboleth (also internal WebISO)
 - Grouper
 - Talend
- Practically focussed projects

Institutional Objectives

AIM Objectives:

- Improve user experience
- Increase value to community
- Enable integrated systems architecture
- Make security relevant to wider user community
- Develop practical tools to enable AIM

Project overview

3 core work packages:

- 1) Granularity and Delegation
 - How to most effectively structure grouper
- 2) Audit and accounting
 - How to process Shib and grouper logs to make sense :
 - For audit
 - For accounting
- 3) N-tier
 - How to do integrated auto login for Shib
 - How to exploit kerb N-tier support in Shib

Project overview - deliverables

Work package deliverables

- Use cases
- Technical tools
- Policy and documentation

Dissemination:

- Conference presentation
- Screen casts
- events

Benefits, community value

Benefit expected

- Greater uptake of access control
- Scalable service
- Useful audit records
- Accounting ability
- Improved Login experience
- Practical n-tier integration
- Systems integration

ANY QUESTIONS?

<http://research.ncl.ac.uk/grand/>

