

What National Repository Infrastructure can do for Global Harvesting



'Institutional Repository Infrastructure for Scotland'

Philip Hunter
Project Manager
philip.hunter@ed.ac.uk

The Menu

- A National IR Infrastructure?
- I want Global Services too
- Problems with Application profiles and Subject-specific Metadata
- Building Global by building Local
- Tiered Repository Services
- The Tiered Repository Infrastructure

A National IR Infrastructure?

- Why does this matter?
- Do we need this, or do we need direct global harvesting of worldwide IRs?
- Researchers don't want to look at geographic groupings

I want Global Services too

- We need to represent aspects of global research
- What if the aggregation is incomplete or of poor quality?
- The Handles problem
- Specialist metadata

Problems with Application Profiles and Subject-Specific metadata

- Application profiles and Java
- Disambiguation issues with records in aggregations
- How to move forward

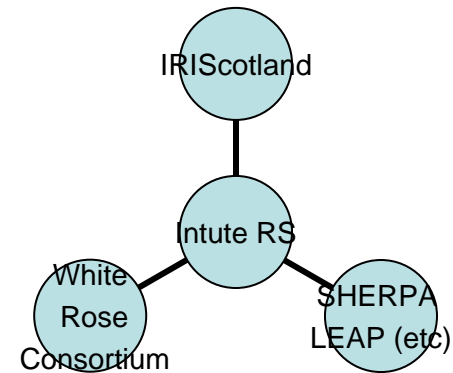
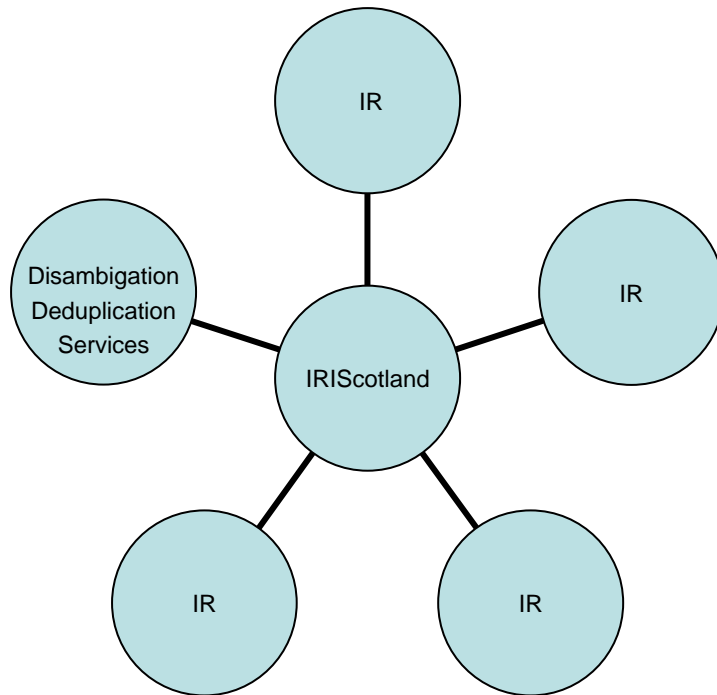
Building Global by building Local

- Aristotle's definition of bricks
- Local services are the bricks, but we want the house
- Local services provide QA for metadata
- Local services provide interoperability

Tiered Repository Services

- Not just regional aggregation
- Co-ordinating role for service providers
- Services might include name authority, disambiguation services, de-duplication of records, etc.
- The geographic unit is for service management, not for presentation

The Tiered Repository Infrastructure





Philip Hunter
Project Manager
philip.hunter@ed.ac.uk