NERC DataGrid: Distributed Data, Distributed Security, Distributed Vocabularies

What do NDG Users Want To Do?

- Discovery
- Context
- Manipulation

Distinct metadata types based on international standards for maximum interoperability

- Usage metadata (CSML) is a GML (ISO19136) Application schema
- Discovery metadata being re-factored towards the emerging domain profiles of ISO19139, the XML implementation of ISO19115
- MOLES intermediate metadata schema can produce many standard Discovery formats – ISO, DIF, DC, Z39.50 ...

Security

- Based on bilateral trust between 2 organisations
- Sharing does not mean loss of Intellectual Property

Familiarity

- Find things
- Know what they represent
- Do useful things with them

Access to the Data Extractor to manipulate the data

Offering up trusted Host list ...

Metadata Browser: for distributed MOLES metadata.