

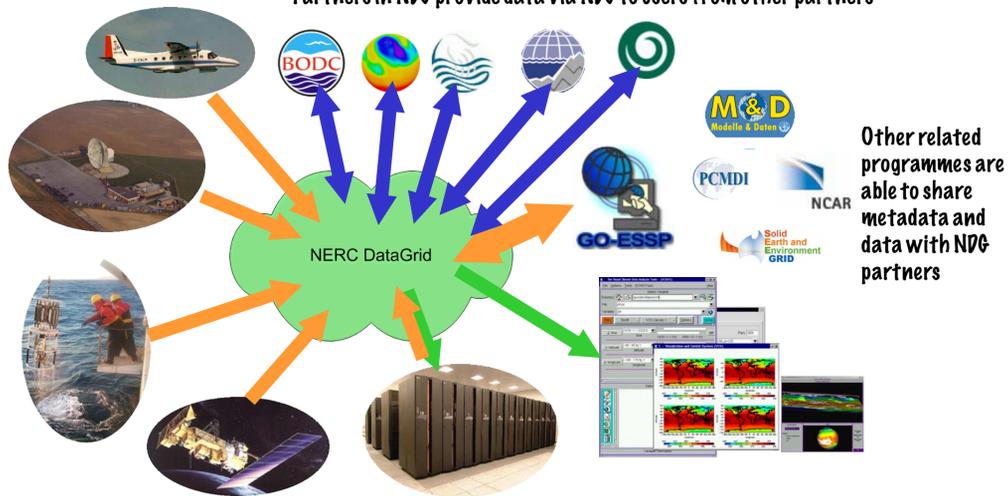


NERC DataGrid : Distributed Data, Distributed Security, Distributed Vocabularies

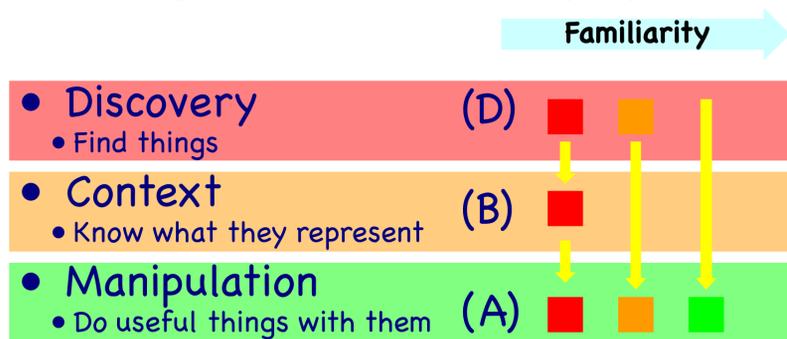


BADC, BODC, CCLRC, PML and NOC,S

Partners in NDG provide data via NDG to users from other partners



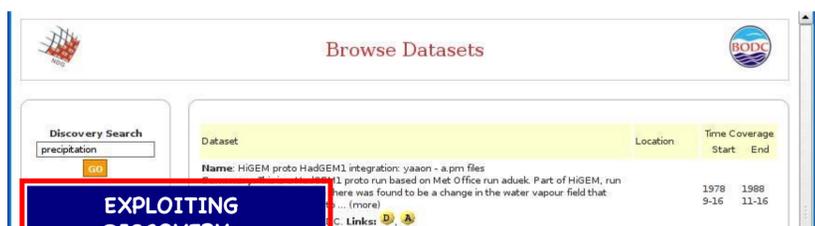
What do NDG Users Want To Do?



Distinct metadata types based on International standards for maximum interoperability

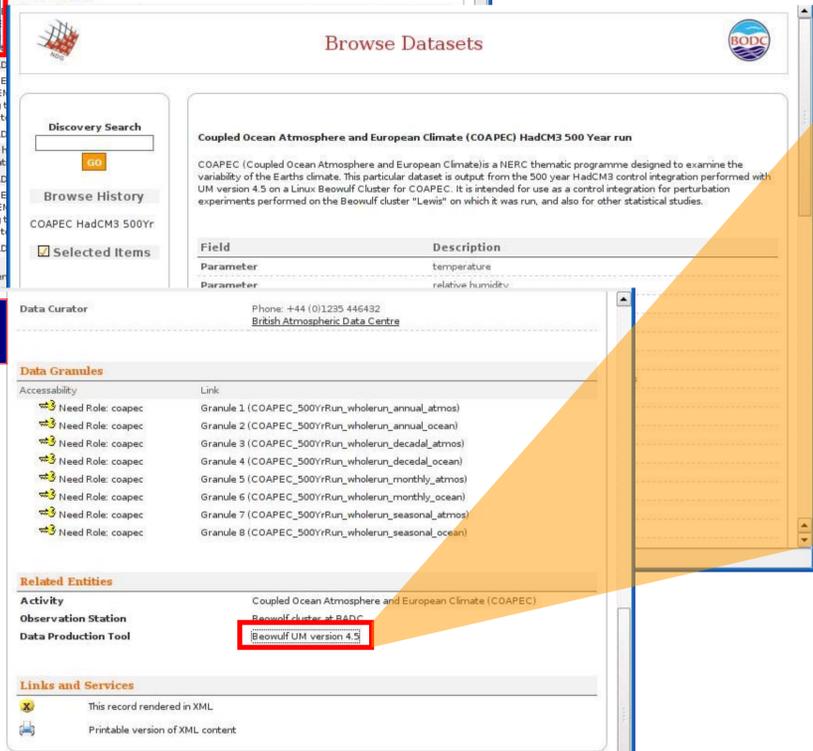
- Usage metadata (CSML) is a GML(ISO19136) Application schema
- Discovery metadata being re-factored towards the emerging domain profiles of ISO19139, the XML implementation of ISO19115
- MOLES intermediate metadata schema can produce many standard Discovery formats – ISO, DIF, DC, Z39.50 ...etc.

Metadata Browser : for distributed MOLES metadata.

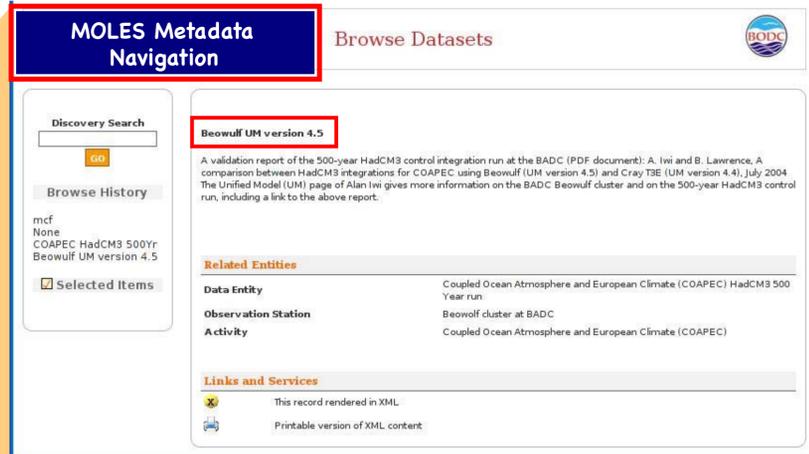


EXPLOITING DISCOVERY WEBSERVICE

Scrolling Down

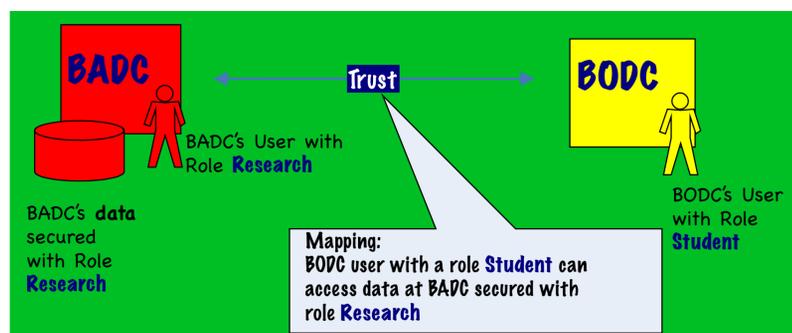


MOLES Metadata Navigation

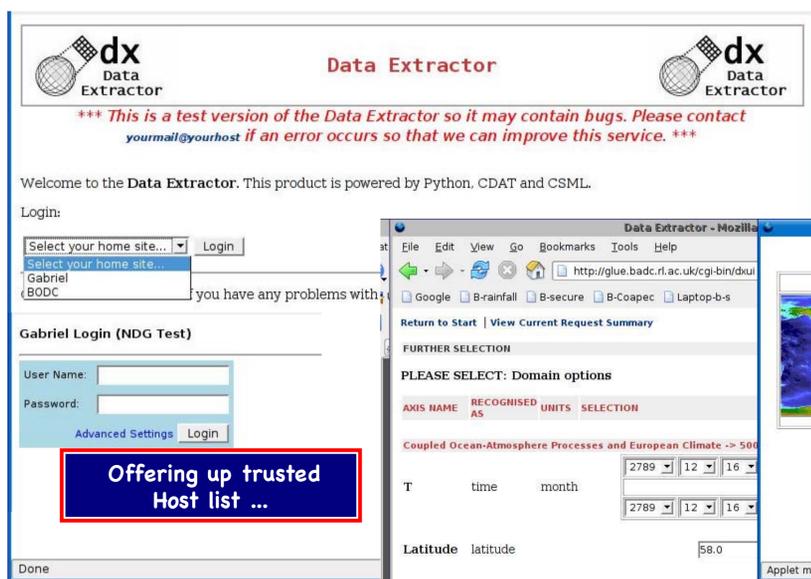


Security

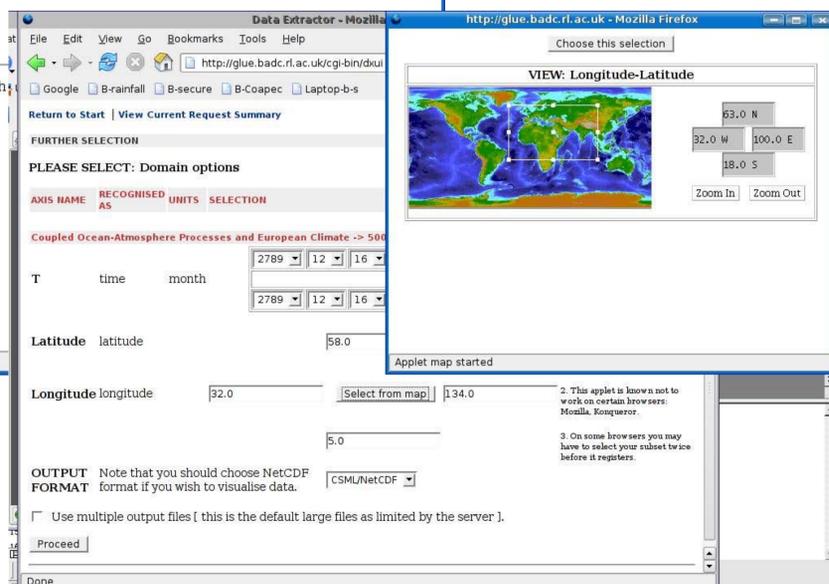
- Based on bilateral trust between 2 organisations
- Sharing does not mean loss of Intellectual Property



Access to the Data Extractor to manipulate the data



Offering up trusted Host list ...



Vocabulary Server WS

