

Metadata Zoo

Presented by
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CAMP-4-DATA
September 6, 2013



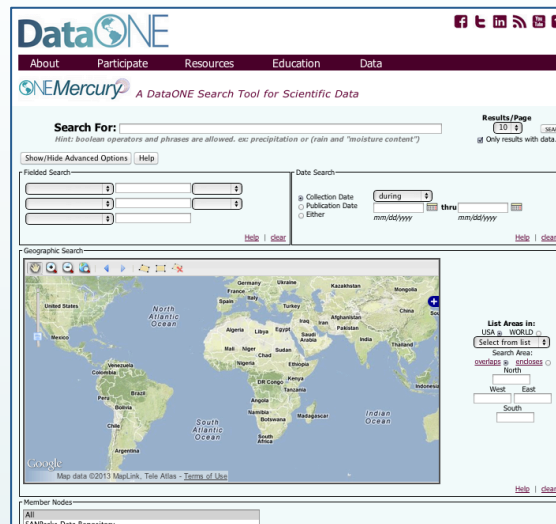
Promoting data discovery

Provide universal access to data about life on earth and the environment

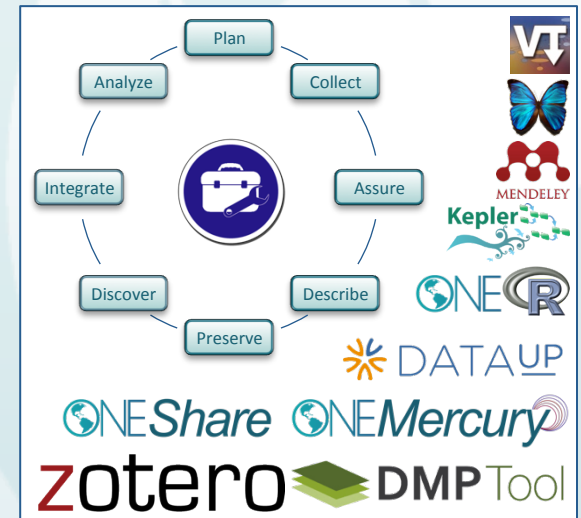
1. Building community



2. Developing sustainable data discovery and interoperability solutions



3. Enabling science through tools and services

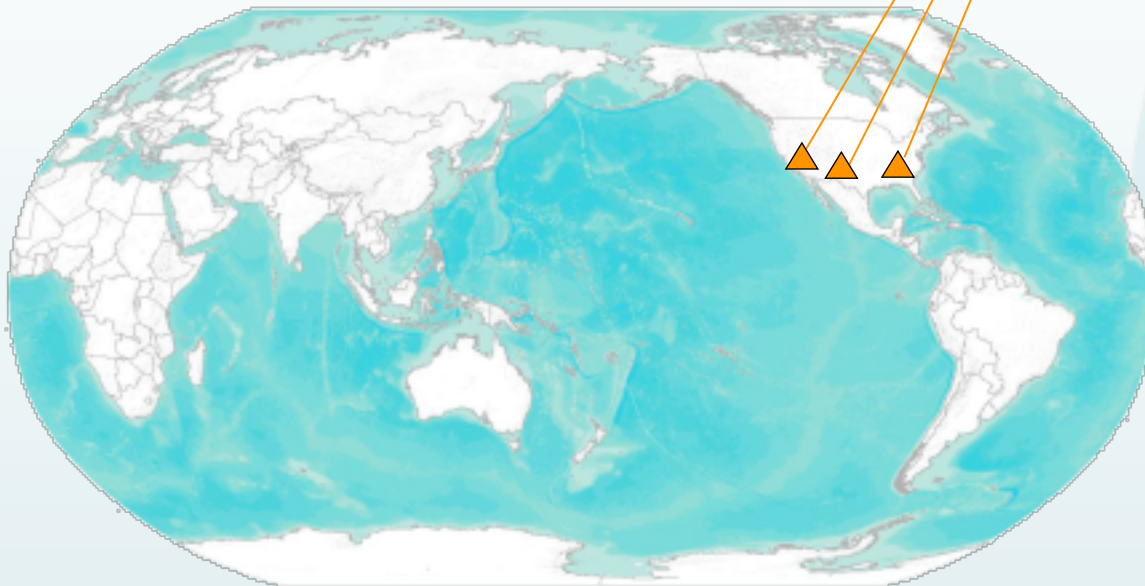


Discovery via DataONE

Three major components for a flexible, scalable, sustainable network

Coordinating Nodes

- retain complete metadata catalog
- indexing for search
- network-wide services
- ensure content availability (preservation)
- replication services



Discovery via DataONE

Three major components for a flexible, scalable, sustainable network

Coordinating Nodes

Member Nodes

- diverse institutions
- serve local community
- provide resources for managing their data
- retain copies of data



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Discovery via DataONE

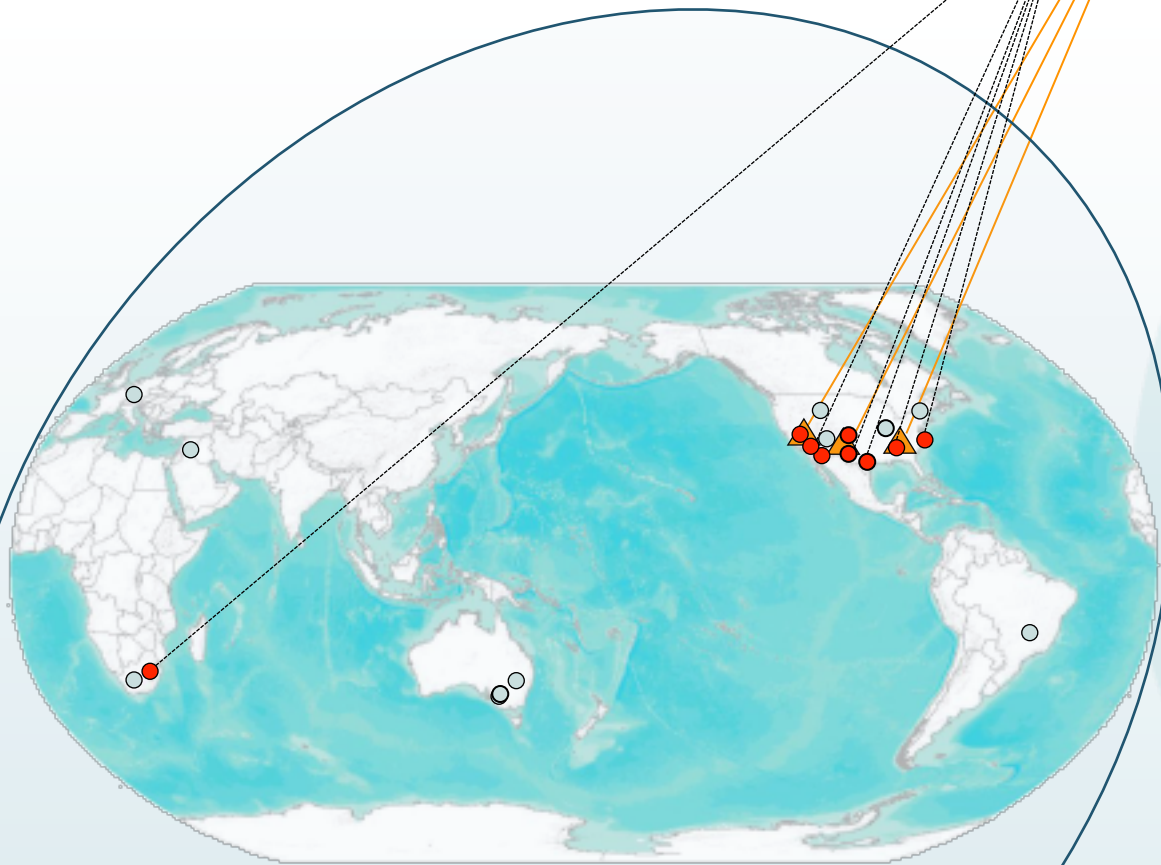
Three major components for a flexible, scalable, sustainable network

Coordinating Nodes

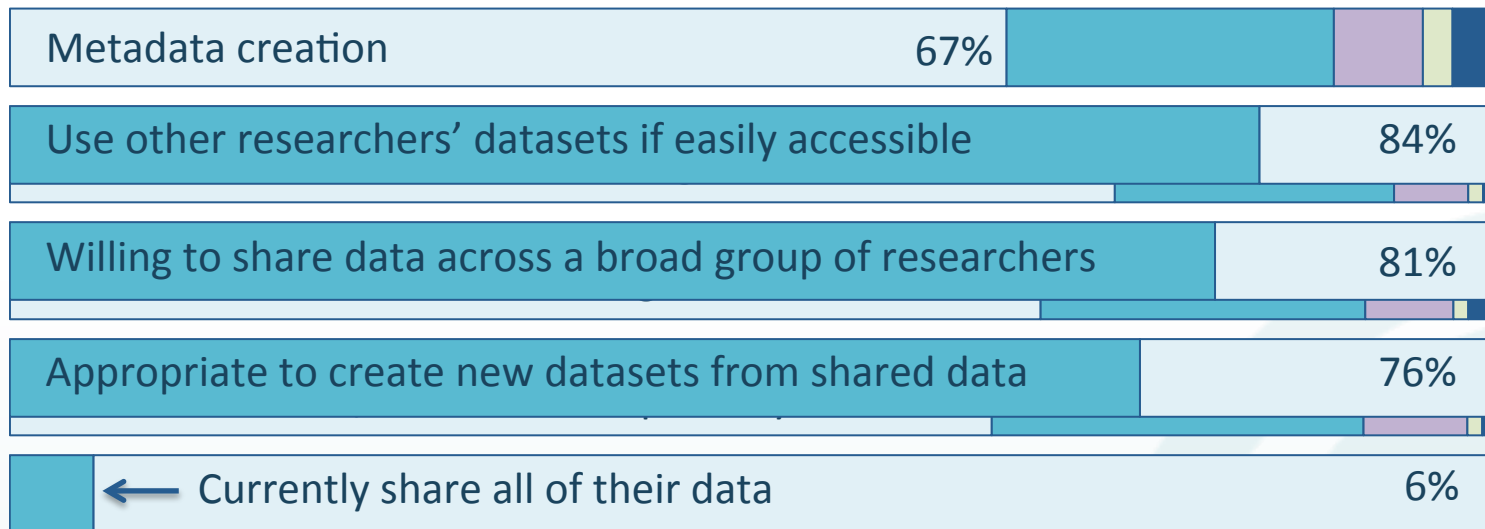
Member Nodes

Investigator Toolkit

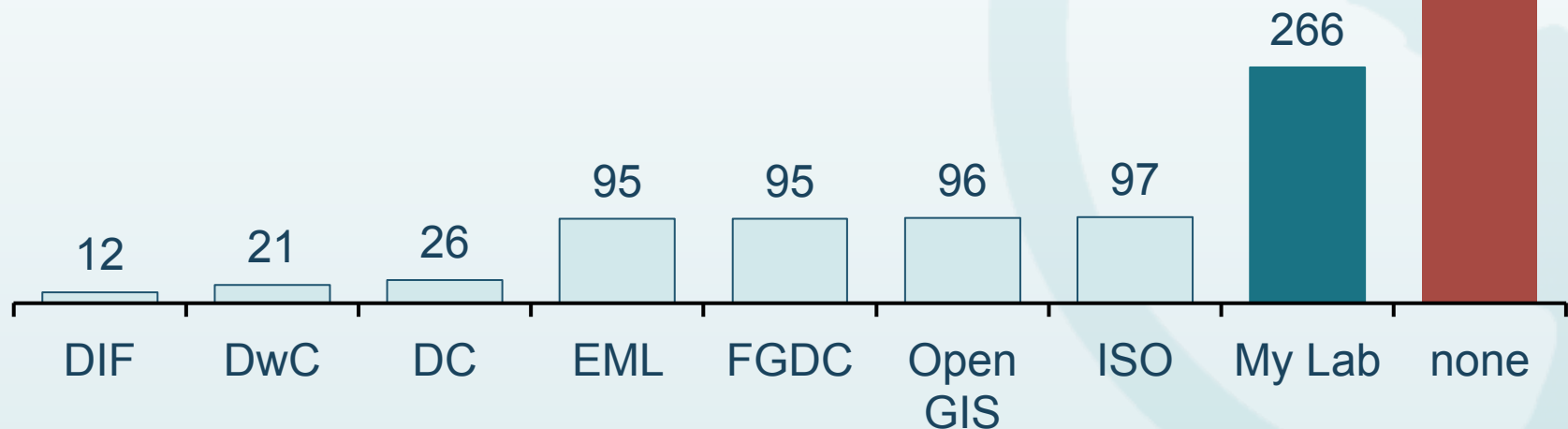
>> command line interface



Scientists not yet providing data services

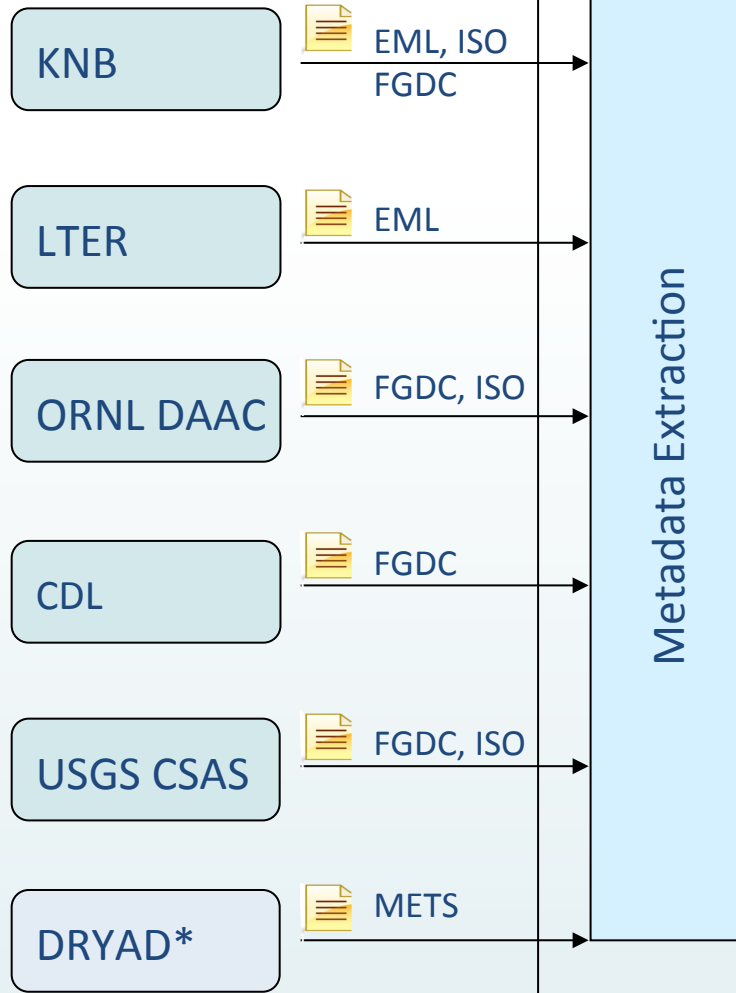


Metadata standards



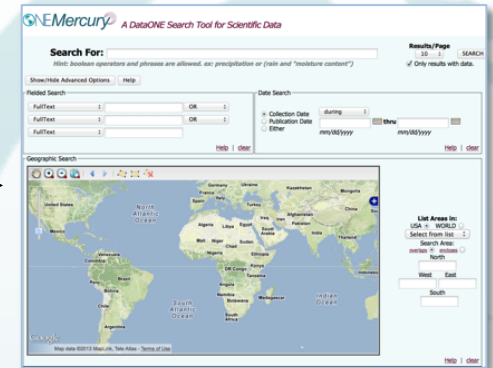
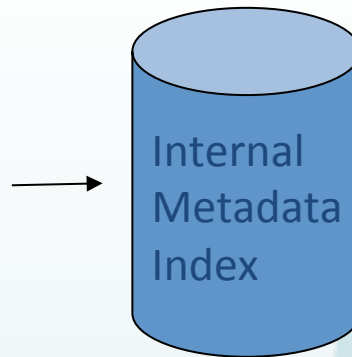
DataONE Metadata Interoperability

Member Nodes



*Future

Coordinating Nodes



- Virtual Portals
- Numerous search capabilities
- Metadata has link to data, which reside at Member Nodes