



Goals 2017 Provathon

2017-08-31, Albuquerque, NM



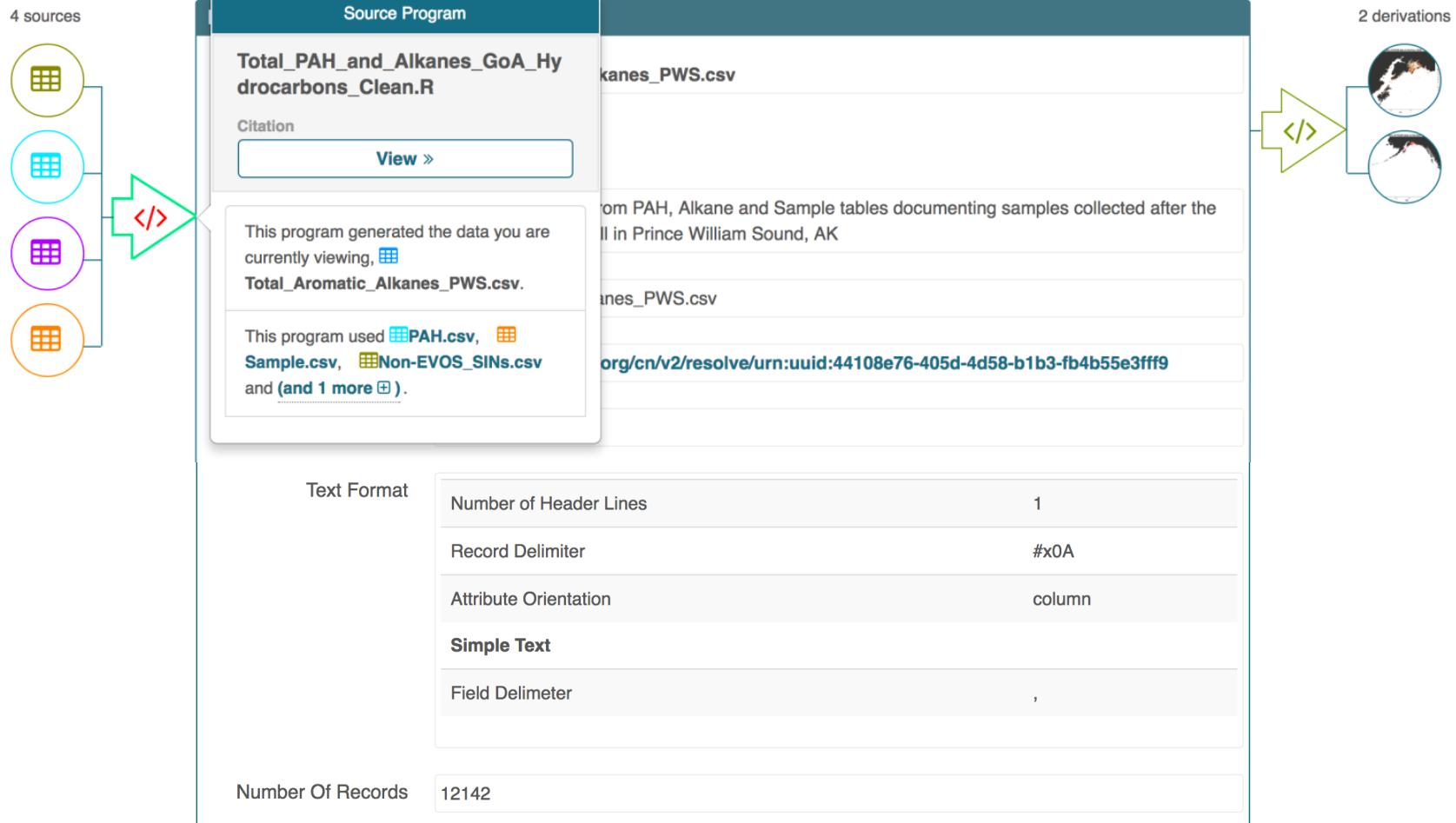
WHOLE TALE



ACI-1430508, OPP-1546024, OAC-1451450

Provenance Web Interface

Data Table, Image, and Other Data Details



DataONE Infrastructure Foundation Services

- Content **synchronization**
- Reliable identifier **resolution**
- **Discovery API** and UI
- Content **replication**
- Event **log aggregation**

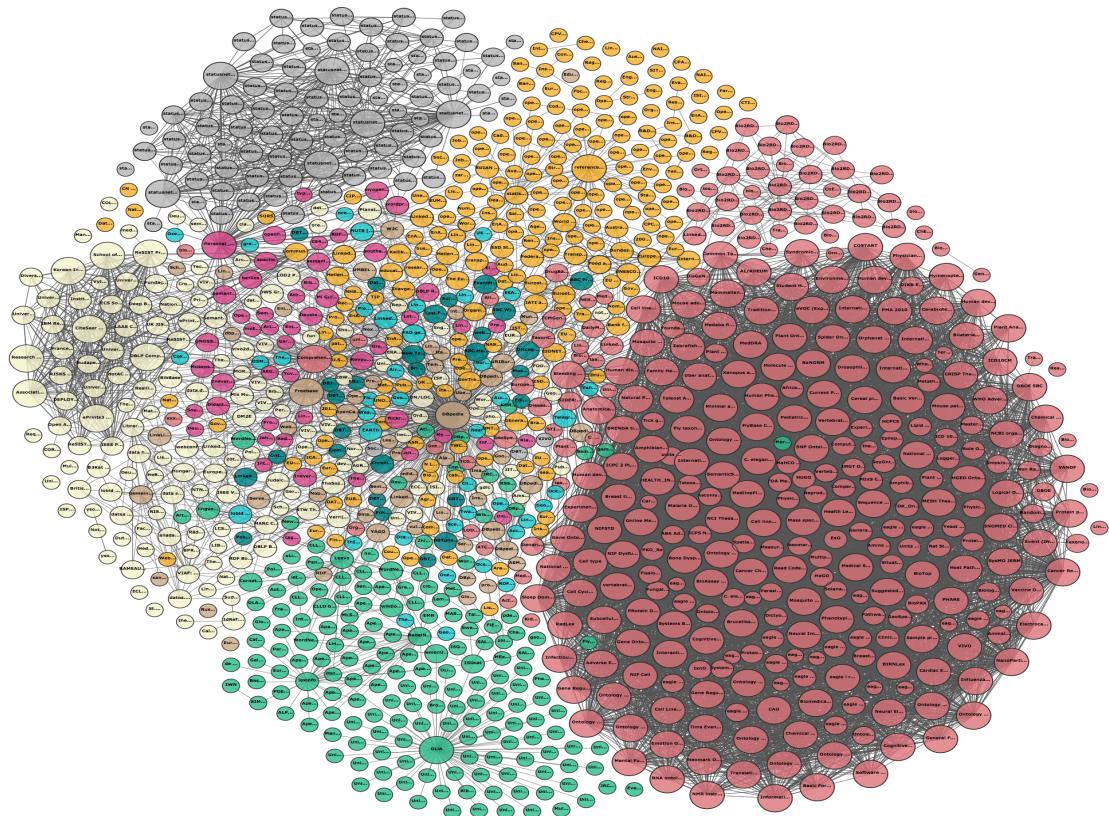
Ensure reliable discovery of and access to content from the federation of Member Nodes



Linked Open Data Foundation Principles

2017

- * URIs as names for things
- ** HTTP URIs support name lookup
- *** URIs link to standards based information
- **** Include links to other URIs



Linked Open Data Foundation Principles

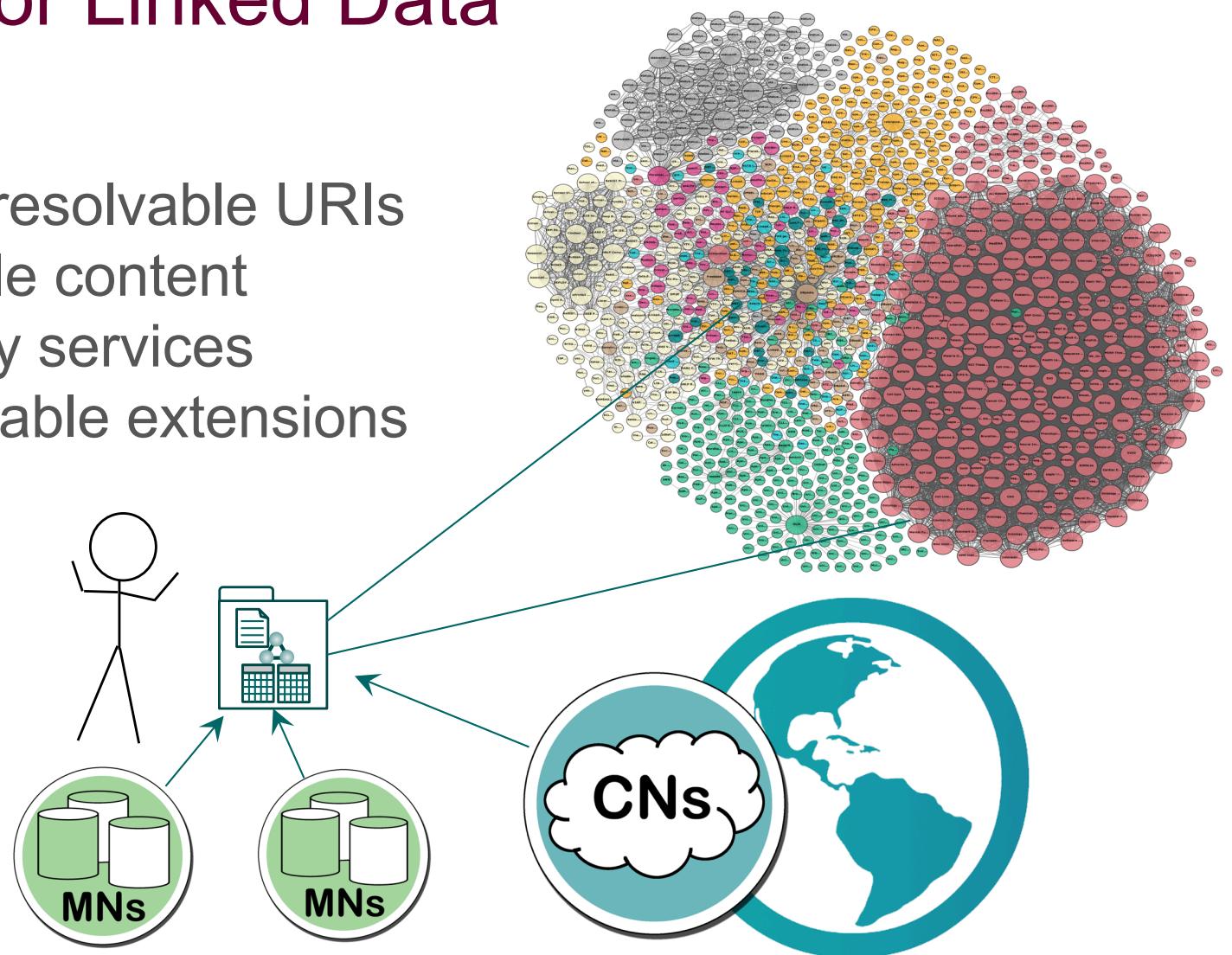
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404 Not Found

The requested URL /awesome-data was not found on this server.

DataONE Foundation Stability for Linked Data

- ✓ Reliably resolvable URIs
- ✓ Immutable content
- ✓ Discovery services
- ✓ Interoperable extensions



Provathon Schedule

Thursday

- Introductions and lightning talks
- Tools I: DataONE R, Yes Workflow
- Tools II: Whole Tale

Friday

- | Archaeology | Environmental Science |
|-----------------------------|-----------------------|
| Hands-on activities | |
| Future development | |
| Barriers to reproducibility | |
| Approaches to advocacy | |
- Report back, discussion, next steps

Saturday

- Reflections, follow up



Provathon Goals

- Awareness of provenance tools and activities
- Understanding DataONE infrastructure
- Hands-on experience with tools
- Create some provenance
- Promote community awareness
- Organize training opportunities
- Coordinate development
- Future collaborations



Questions?