

DataONE Investigator Toolkit Breakout Intro

DataONE User Group Meeting

Santa Fe, NM

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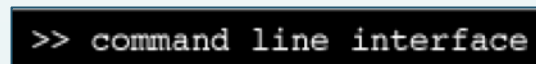


Agenda (11:00-12:30; 2:00-3:30)

- Overview and Refresh on ITK
- Discussion and Q&A for ITK
- Brainstorming
 - What tools should be supported?
 - Areas for engagement, esp additional help
- Prioritization
 - What has the biggest bang?
 - What tools enable involvement and other capabilities?
- Review of Questions, Actions, and Conclusions
 - Confirm items for report-out

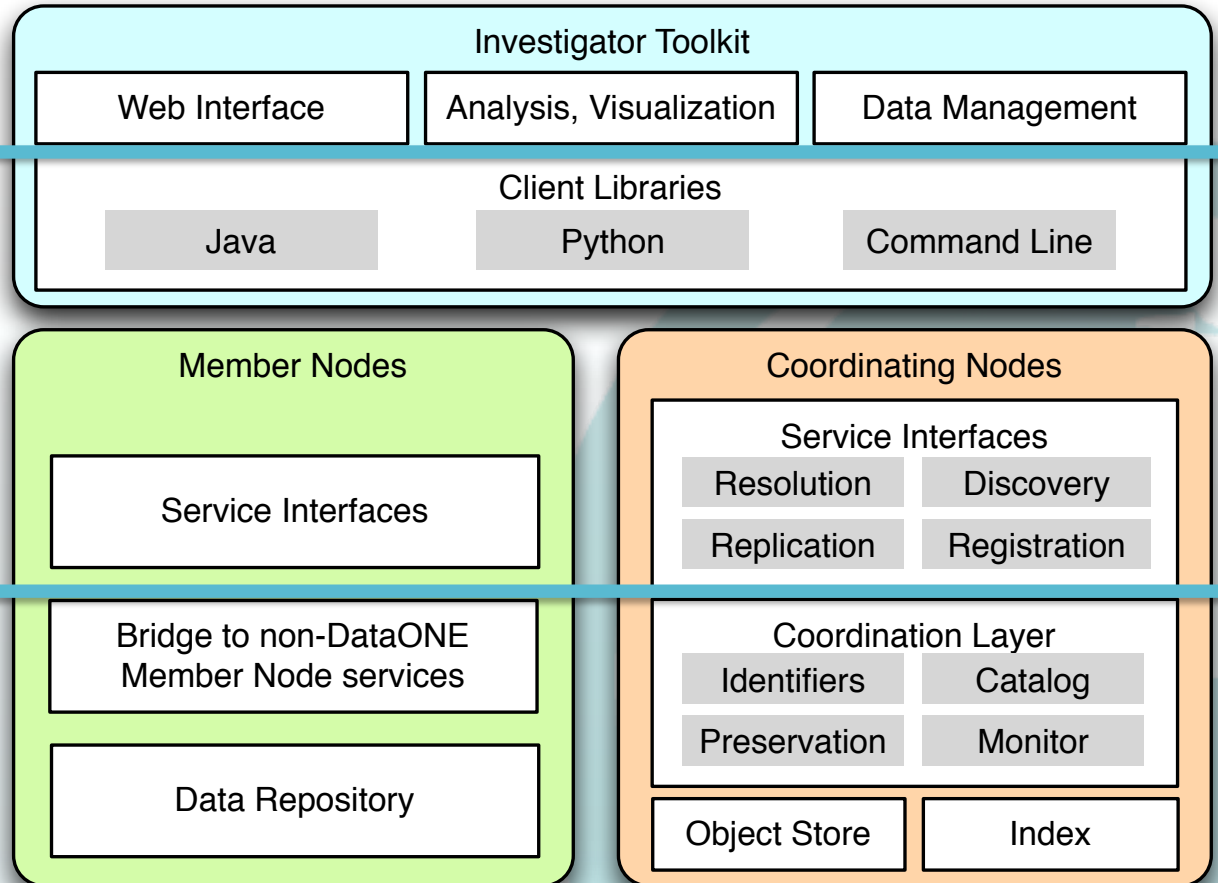
What and Why is the ITK?

- Suite of software tools, mostly for researchers
 - Emphasize Free and Open Source, community-used standards
 - Support common commercial tools
 - Include general frameworks (e.g., R, MATLAB)
 - Include domain-specific tools (e.g., GARP, Phylocom)
 - Organize using scientific workflows
- Based on well-defined APIs and Libraries
 - Framework for the community to build upon



What and Why is the ITK?

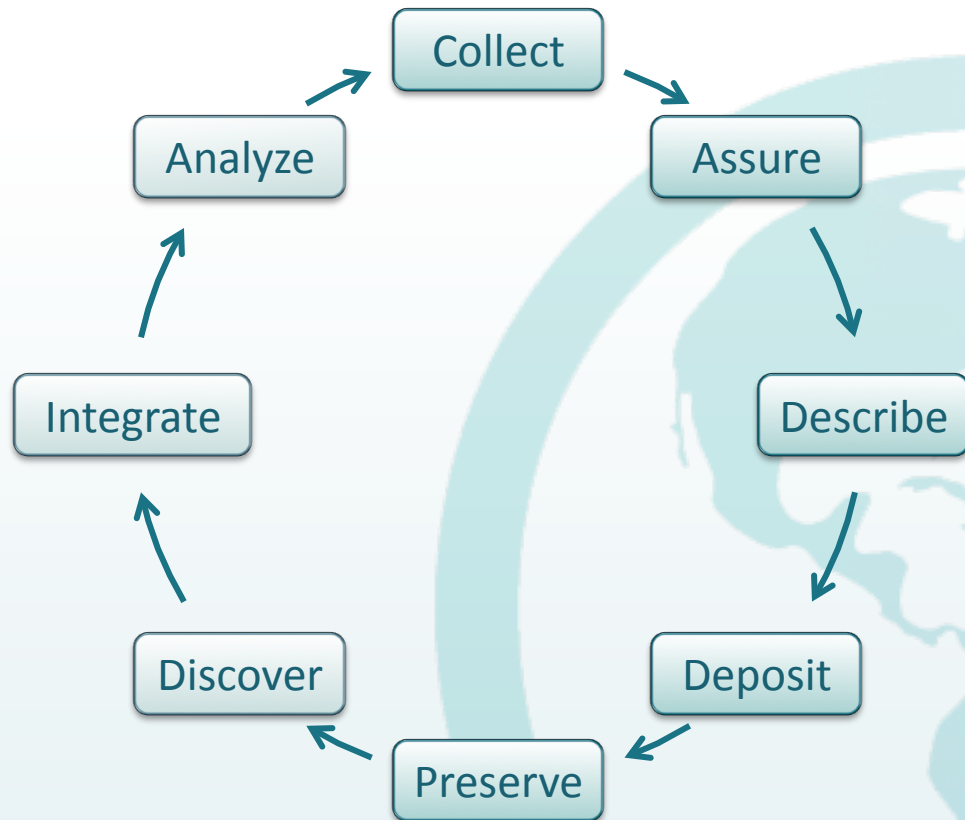
Client libraries and well-defined interfaces are a key **foundation** for the investigator toolkit.



ITK Tools in Progress



>> command line interface



Q&A for ITK

- What questions do you have?



Brainstorming for ITK Development

- What tools are needed (Scientist perspective)?
- What tools are needed (Other perspectives)?
- Where can DataONE be most catalytic?
- Where do we find common purpose with others?
- How best to communicate, engage, and be agile?
 - Exemplars?

Prioritization Discussion



Review and Prep for Report Out

- Questions where answers are still needed
- Action items (who owns)
- Conclusions
- Key points for report out



Saved slides

ITK Enables the Entire Data Lifecycle

