VIRTUAL INSTITUTE FOR SOCIAL RESEARCH: POWERED BY DISCOVERY ENVIRONMENT, IRODS AND DATAVERSE

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A platform for services and tools...

...to sustain the data life cycle...

...and enable better science.
Virtual Institute for Social Research: VISR
COUPLING SYSTEMS FOR SOCIAL SCIENTISTS

- CyVerse Discovery Environment (DE)
- iRODS
- Dataverse
VISR DE IN ALPHA PHASE TESTING
DATA MANAGEMENT, ANALYSIS, AND SHARING

- Expandable with DOCKER tools
- Create custom workflows and applications
- Upload, share and manage data
- Share and exchange custom workflows
- Scheduling via CONDOR
- Powered by iRODS data management
- Scalable analysis with simple to use interface
- Data accessible with any iRODS interface
- Ability to add and track custom metadata
CURRENT ODUM DEMONSTRATIONS

- R Statistical Analysis
- Library of Congress BagIt Packager
HIGH PRIORITY NEXT STEPS

- Publish to Dataverse
- InCommon Authentication
- Federation between DE’s

Schematic Diagram of a Dataset in Dataverse 4.0

Container for your data, documentation, and code.
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LET’S START A NEW PILOT!

- Share technology
- Combine tools
- Exchange knowledge
- Expand to new disciplines
- Promote research transparency
- Promote quality research data management
- Promote auditing and assessment of data repositories
THANKS!

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