Community Building

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Four Examples – Overlap in Communities

NSF Institutes

Science Gateways Community Institute

PresQT

IMLS Project

Open-Source Development

Community-Driven Association
Four Examples – Overlap in Communities

NSF Institutes

Science Gateways Community Institute

It almost looks like the Olympic Rings...

PresQT

IMLS Project

Open-Source Development

Community-Driven Association
Four Examples – Overlap in Communities
Why is community building important?

• Exchanging knowledge and experience
• Connecting research computing, software, science and people
• Scalability of support
• Avoiding re-inventing the wheel
• Avoiding silos
  • personnel
  • products
Connect with SGCI

- Website https://sciencegateways.org
- Focus Week
- Consulting
- Yearly Conference
- Partner program
- Software/Gateway Catalog
- Workforce development
- Gateway Ambassadors
- Science Ambassadors
- Webinars
- Blogs
- Newsletter
- Twitter
- LinkedIn
- YouTube

Scalability
How to Connect with URSSI

- Website http://urssi.us/
- Materials
- Blog posts
- Mailing list
- Discuss
- Twitter
- Workshops
  - Defining areas of interests for filling gaps
- Newsletter
- Slack
How to Connect with US-RSE

- Website [http://us-rse.org/](http://us-rse.org/)
- Slack
- Twitter
- Newsletters
- Community calls
- Workshops

Community-driven community building
How to Connect with PresQT

- Website https://presqt.crc.nd.edu/
- Slack
- Community calls
- Workshops/hack-a-thons
- Open-source development

Progress in integrations

Existing Tools & Data
- Python
- R
- JavaScript
- Domain-specific tools
- MySql
...

PresQT RESTful Web Services
- Preservation Quality
- Fixity
- Keyword Assignment
- Provenance*
- Workflow*

Tools/runs, metadata, data

Existing Preservation Tools
- Fedora
- OSF
- SHARE
- HUBzero
- NDS Dashboard
- ReproZip**
...

*** Potential for expansion beyond initial tools/data
*Highly ranked and already mature and available in existing systems
**Letter of collaboration, the rest are subcontractors
Questions?

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