Consortium Update

Terrell Russell, Ph.D.
@terrellrussell
Executive Director, iRODS Consortium

July 5-8, 2022
iRODS User Group Meeting 2022
Leuven, Belgium

iRODS CONSORTIUM

renci

RESEARCH \ ENGAGEMENT \ INNOVATION

THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

Our Mission

- Continuous Improvement
- Grow the Community
- Standardization
- Show value to our Membership

Our History

- Founded in 2013 by RENCI, DICE, and DDN
- Accepted the code base in 2014
- Forty one releases of iRODS to date

Our Membership

Since iRODS UGM 2021

- 25 Membership Renewals
- 5 New Members
- 6 New Service Contracts
- Multiple Proofs of Concept
- 19 Conferences and Events
- 1 New Executive Director
- 1 New Chief Technologist

Since iRODS UGM 2021 - New Membership

- Anonymous
- Emagine IT (EIT)
- Omnibond
- CSIR (South Africa)
- InfiniteTactics

2021-2022 Working Groups

Organized community efforts to standardize protocols, technologies, and methodologies

Technology Working Group

- Goal: To keep everyone up to date, provide a forum for roadmap discussion and collaboration opportunities
  - All iRODS Consortium Membership

Metadata Templates Working Group

- Goal: To define a standardized process for the application and management of metadata templates by the iRODS Server
  - NIEHS, Utrecht, Maastricht, Arizona / CyVerse

Authentication Working Group

- Goal: To provide a more flexible authentication mechanism to the iRODS Server
  - SURF, NIEHS, Sanger, Arizona / CyVerse, IT4Innovation, Utrecht, KU Leuven

S3 Working Group

- Goal: To develop tools to present iRODS as S3-compatible storage to existing S3 clients
  - Arizona / CyVerse, NIEHS

Imaging Working Group

- Goal: To provide a standardized suite of imaging policies and practices for integration with existing tools and pipelines
  - New York University, Santa Clara University, UC San Diego, NIEHS, Harvard, Arizona / CyVerse, Open Microscopy Environment (OMERO), UNC Neuroscience Microscopy Core, KU Leuven, Maastricht, NYU Langone, UMass Medical, Netherlands Cancer Institute, Sanger, UCSC, Crick (UK), U. Osnabrück, CRS4 (Italy), RIKEN (Japan)

2021-2022 Efforts

- Development of Localized User Groups
  - Global community requires local sustainability
- Restarting travel and presence
- Broaden focus with multiple partnerships
  - Globus
  - Pacific Teck
  - EIT
  - CSIR
  - ThinkParQ
  - InfiniteTactics
- Multiple RENCI proposals

Our Business Model

Start with proof of concept

- Use Case Driven
- Hands on
- Service and Support Contracts

Consortium Membership

- Four Levels - $10k to $150k
- 10 to 300 hours of support
- Participation in Software roadmap
- Discounted hourly rate

Tier 3 Support

- Systems Integrators
- Compute Vendors
- Storage Vendors

Questions?

Thank you!