



Consortium Update

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June 13-16, 2023
iRODS User Group Meeting 2023
Chapel Hill, NC



Welcome!

Thank you, Dawn





<https://irods.org/2023/06/thank-you-dave-fellinger/>

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



Founded in 2013 by RENCI, DICE, and DDN

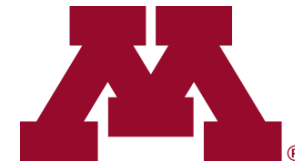
Our Membership



Bibliothèque
et Archives
nationales



SOFTIRON



Maastricht University



Universiteit Utrecht



Consortium
Member



Consortium
Member



renci



Consortium
Member

BIH Berlin Institute
of Health
Charité & MDC



CSIR

Touching lives through innovation



university of
 groningen



THE UNIVERSITY
OF ARIZONA

FUJIFILM

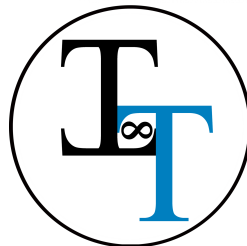
Value from Innovation

VSB TECHNICAL
UNIVERSITY
OF OSTRAVA

IT4INNOVATIONS
NATIONAL SUPERCOMPUTING
CENTER



TEXAS ADVANCED COMPUTING CENTER



National Institute of
Environmental
Health Sciences



- 23 Membership Renewals
- 3 New Members
- 3 New Service Contracts
- Multiple Proofs of Concept
- 17 Conferences and Events
- 2 New Hires
- 4 Internships
- 1 Baby



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)

- Development of Localized User Groups
 - Global community requires local sustainability
- Increased travel and presence
- Broadened focus with multiple partnerships
 - Globus
 - Pacific Teck
 - CSIR
 - ThinkParQ
 - Boston UK
- Continued RENCI engagement and projects

Start with proof of concept

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

Consortium Membership

- Four Levels - \$11k to \$165k
- 10 to 300 hours of support
- Participation in Software roadmap
- Discounted hourly rate

Tier 3 Support

- Systems Integrators
- Compute Vendors
- Storage Vendors

Thank you

Questions?