



# Consortium Update

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iRODS User Group Meeting 2023  
Chapel Hill, NC



Welcome!

Thank you, Dawn

iRODS



Goodbye, Dave

iRODS



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

# iRODS

— CONSORTIUM —



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



Universiteit Utrecht



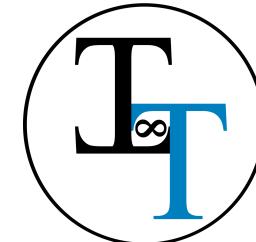
Maastricht University



THE UNIVERSITY  
OF ARIZONA



TEXAS ADVANCED COMPUTING CENTER



National Institute of  
Environmental  
Health Sciences



SOFTIRON



Touching lives through innovation



IT4INNOVATIONS  
NATIONAL SUPERCOMPUTING  
CENTER



- 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



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IT4INNOVATIONS  
NATIONAL SUPERCOMPUTING  
CENTER

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

## S3 Working Group

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

## 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

## 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)

## Authentication Working Group

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

- 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?