



Consortium Update

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May 28-31, 2024
iRODS User Group Meeting 2024
Amsterdam, Netherlands

Welcome!

May 28 - May 31, 2024	SURF	Amsterdam, Netherlands
June 13 - June 16, 2023	iRODS Consortium	Chapel Hill, North Carolina, USA
July 5 - July 8, 2022	KU Leuven	Leuven, Belgium
June 8 - June 11, 2021	Wellcome Sanger Institute	Virtual
June 9 - June 12, 2020	University of Arizona	Virtual
June 25 - June 28, 2019	Utrecht University	Utrecht, Netherlands
June 5 - June 7, 2018	iRODS Consortium	Durham, North Carolina, USA
June 13 - June 15, 2017	Utrecht University	Utrecht, Netherlands
June 7 - June 9, 2016	iRODS Consortium	Chapel Hill, North Carolina, USA
June 9 - June 11, 2015	iRODS Consortium	Chapel Hill, North Carolina, USA
June 18 - June 19, 2014	Institute for Quantitative Social Science, Harvard University	Cambridge, Massachusetts, USA
February 28 - March 1, 2013	Max Planck Institute for Plasma Physics	Garching, Germany
March 1 - March 2, 2012	University of Arizona	Tucson, Arizona, USA
February 17 - February 18, 2011	RENCI at UNC-Chapel Hill	Chapel Hill, North Carolina, USA
March 24 - March 26, 2010	RENCI at UNC-Chapel Hill	Chapel Hill, North Carolina, USA
February 2 - February 5, 2009	CC-IN2P3	Lyon, France

Thank you!

SURF

Ander Astudillo

Claudio Cacciari

Thank you!

Justin James

Laura Capps

Kory Draughn

Alan King

Daniel Moore

Jayasree Jaganatha

Marcus Anderson

Markus Kitsinger

Martin Flores

Derek Dong

Jessica Natonick

Phil Owen

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

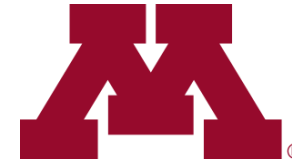
Our Membership

iRODS



*Bibliothèque
et Archives
nationales*

Québec



Maastricht University



Universiteit Utrecht



renci



THE UNIVERSITY
OF ARIZONA

IBIH Berlin Institute
of Health
Charité & MDC

TACC
TEXAS ADVANCED COMPUTING CENTER



university of
 groningen

VSB TECHNICAL
UNIVERSITY
OF OSTRAVA

IT4INNOVATIONS
NATIONAL SUPERCOMPUTING
CENTER



KU LEUVEN

GRAU DATA



National Institute of
Environmental
Health Sciences

- 22 Membership Renewals
- 2 New Members
- 2 New Service Contracts
- Multiple Proofs of Concept
- 15 Conferences and Events
- 2 New Hires
- 3 Internships



GRAU DATA

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, KU Leuven

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, SURF

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
- Sustained travel and presence, UGM in Amsterdam
- Broadened focus with multiple partnerships
 - Globus
 - Pacific Teck
 - OMERO
 - GRAU DATA
- 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?