



Consortium Update

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Executive Director
iRODS Consortium

June 29 - July 2, 2026
iRODS User Group Meeting 2026
Barcelona, Spain

Welcome!



<u>June 29 - July 2, 2026</u>	Centre for Genomic Regulation and CaixaResearch Institute	Barcelona, Spain
<u>June 17 - June 20, 2025</u>	iRODS Consortium	Durham, North Carolina, USA
<u>May 28 - May 31, 2024</u>	SURF	Amsterdam, Netherlands
<u>June 13 - June 16, 2023</u>	iRODS Consortium	Chapel Hill, North Carolina, USA
<u>July 5 - July 8, 2022</u>	KU Leuven	Leuven, Belgium
<u>June 8 - June 11, 2021</u>	Wellcome Sanger Institute	Virtual
<u>June 9 - June 12, 2020</u>	University of Arizona	Virtual
<u>June 25 - June 28, 2019</u>	Utrecht University	Utrecht, Netherlands
<u>June 5 - June 7, 2018</u>	iRODS Consortium	Durham, North Carolina, USA
<u>June 13 - June 15, 2017</u>	Utrecht University	Utrecht, Netherlands
<u>June 7 - June 9, 2016</u>	iRODS Consortium	Chapel Hill, North Carolina, USA
<u>June 9 - June 11, 2015</u>	iRODS Consortium	Chapel Hill, North Carolina, USA
<u>June 18 - June 19, 2014</u>	Institute for Quantitative Social Science, Harvard University	Cambridge, Massachusetts, USA
<u>February 28 - March 1, 2013</u>	Max Planck Institute for Plasma Physics	Garching, Germany
<u>March 1 - March 2, 2012</u>	University of Arizona	Tucson, Arizona, USA
<u>February 17 - February 18, 2011</u>	RENCI at UNC-Chapel Hill	Chapel Hill, North Carolina, USA
<u>March 24 - March 26, 2010</u>	RENCI at UNC-Chapel Hill	Chapel Hill, North Carolina, USA
<u>February 2 - February 5, 2009</u>	CC-IN2P3	Lyon, France

Thank you!

Laura Capps
Kory Draughn
Alan King
Justin James
Daniel Moore
Jayasree Jaganatha
Stephanie Suber

Marcus Anderson
Markus Kitsinger
Martin Flores
Derek Dong
Nuno Moreno
Emyr James

Users
Sponsors
Venues
Catering

Our Mission

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



Founded in 2013



SRB started at SDSC in 1995

Reagan Moore
Chaitan Baru
Michael Wan
Arcot Rajasekar
Wayne Schroeder
Richard Marciano
Richard Frost
Randall Sharpe
Robert Templeton
David Wade
Thomas Hacker

iRODS

— CONSORTIUM —

renci

RESEARCH \ ENGAGEMENT \ INNOVATION



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

Start with proof of concept

- Use Case Driven
- Statement of Work
- Hands on
- Service and Support Contract
- Master Services Agreement

Consortium Membership

- Three Levels - \$12k to \$90k, annually
- 10 hours of support
- Participation in governance
- Participation in the software roadmap
- Hourly rate for additional support

Tier 3 Support

- Systems Integrators
- Compute Vendors
- Storage Vendors

Our Membership

iRODS



Bibliothèque
et Archives
nationales



Québec



THE GEORGE
WASHINGTON
UNIVERSITY
WASHINGTON, DC



National Institute of
Environmental
Health Sciences



- 18 Membership Renewals
- 4 New Members
- 2 New Service Contracts
- Multiple Proofs of Concept
- 10 Conferences and Events
- 3 Internships
- 1 Senior Team Project
- 1 NSF Subaward

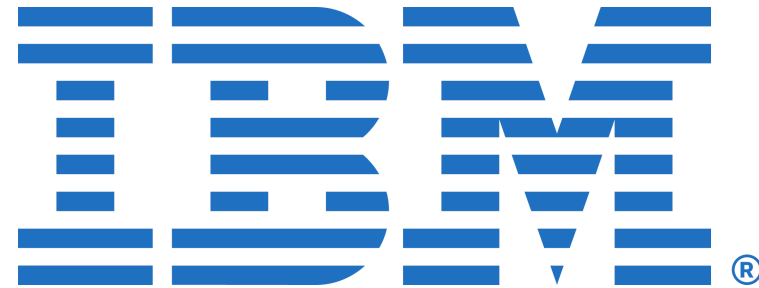


NATIONAL INSTITUTES OF APPLIED RESEARCH

**National Center for
High-performance Computing**



**Universiteit
Leiden**



Scripps Research

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

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 (Dissolved 202602)

- Goal: To provide a more flexible authentication mechanism to the iRODS Server
 - SURF, NIEHS, Sanger, Arizona / CyVerse, IT4Innovations, Utrecht, KU Leuven

S3 Working Group (Dissolved 202603)

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

- Scaffolding atop iRODS 5
 - Planning for code removal
 - New authentication scheme
 - Incorporating successful plugins
 - Groundwork for iRODS 6 and 7
- Expanded Partnerships for broader impact
 - Globus
 - OMERO
 - RSpace
 - Dataverse
 - DoITNow
- Continued RENCi engagement and projects
 - Proposal submissions
 - University initiatives

Very similar to last year. Hearing more concern about hardware costs.

Local Control

- Hybrid deployments and topologies are becoming necessary and normal
- Repatriation and domestic control of data and data products
- Sovereignty concerns over hyperscalers and runaway costs
- Your data as a moat due to AI/LLMs/LRMs
- Compliance with both in-house and regulatory requirements

Standardization Efforts

- Global Alliance for Genomics and Health (GA4GH)
- OME-Zarr
- JWT/JWK/OAuth2
- Logging / Auditing / Observability

The iRODS Consortium serves as a sustainability model around the software.

This requires evangelism, outreach, and funds.

We are not there yet. We need your help.

Members

- Request / Demand engagement from your vendors
 - Make sure they are aware of and compatible with iRODS
 - Encourage them to join directly
- Share ROI of Membership with us
- Share ROI of Membership with your executives
- Share ROI of Membership with your neighbors and partner organizations

Consortium Partnerships

- New products / appliances
- Revenue sharing
- Managed services

The larger market is awakening to Data Management as a requirement.

- Commercial solutions are increasing.
- More organizations are finding us organically.
- We're ready for the attention.

iRODS 5 is the new basecamp.

We will build faster with stronger footing.

Thank you

Questions?