

Workflows Community Initiative

*bringing the workflows community together:
users, developers, researchers, and facilities*

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Data Lifecycle & Scalable Workflows
National Center for Computational Sciences

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Scientific Workflows

Many workflows have **high computational** and **I/O** demands that warrant execution on **large-scale** parallel and distributed computing platforms

<https://s.apache.org/existing-workflow-systems>



The workflow systems landscape is segmented and presents significant **barriers to entry** due to the hundreds of seemingly comparable, yet **incompatible**, systems that exist

Workflows Community Initiative

<https://workflows.community>

Provide a centralized source for resources, training, workshops, job opportunities, and news to scientists and developers working with workflows

22
workflow systems

99
community members

5
working groups

4
research frameworks

managed by a nine-person leadership team, a steering committee, and a technical lead representing **25 companies and institutions** from around the world



Workflows Community Summits

Over 100 participants from a group of international researchers and developers, from **27 workflow systems** and user communities

A Community Roadmap for Scientific Workflows Research and Development

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