



ParslFest 2023

Where Globus Compute is Now and Where it's Headed

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THE UNIVERSITY OF
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globus



Globus Compute Team

- Yadu Babuji
- Ryan Chard
- Kevin Hunter Kesling
- Chris Janidlo
- Reid Mello
- Lei Wang

.... And many others

Rebranding: FuncX to Globus

FuncX



Globus
Compute



Rebranding: Why?

- Better integration with Globus platform (Web UI, Flows, SDK, Transfer)
- Leverage Globus experience operating production grade highly available SaaS
- Benefits from Globus sustainability model for ongoing development and operations



What else have we been working on?

- Multi-user deployment
 - Mapping Globus identities to local users
 - Providing user alterable configuration for admins
 - Authentication restrictions
 - Function restrictions
- API Improvements
 - FastAPI (v3 routes)
 - Executor Interface
- Operational improvements
 - IaC
 - Monitoring
 - CI/CD pipelines

What will we be working on?

- Continue Multi-user deployment
- Error handling and user experience
- Containers
- MPI Support
- Web UI
- High Assurance
- Administrative tools

Questions?