dev.globus
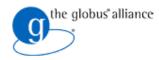## *a framework for open Globus development*

Lisa Childers

Argonne National Laboratory

University of Chicago
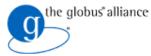
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Why is Globus Software Open Source?

- ## To allow for inspection
  - ◆ for consideration in standardization processes

- ## To encourage adoption
  - ◆ in pursuit of ubiquity and interoperability

- ## To encourage contributions
  - ◆ harness the expertise of the community

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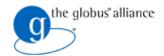# Why is Globus Software Open Source?

- But distributing code under an open source license does not guarantee open development!

- Open development requires open processes

- So we have created dev.globus to facilitate contributions
  - ◆ http://dev.globus.org/

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The Details: What is dev.globus?
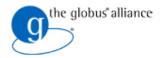
- ## Governance model (based on Apache)
  - ◆ individual development efforts organized as projects with consensus-based decision making

- ## Infrastructure
  - ◆ code repositories (CVS, SVN), mailing lists, issue tracking (bugzilla), build system, wikis

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Three Types of dev.globus Projects

- ● Projects that produce technologies
  - ◆ GridFTP, RLS, Java WS Core, …
- ● Projects that produce documentation
- ● Projects that produce distributions
  - ◆ The Globus Toolkit is a dev.globus distribution project

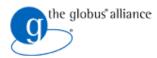Several projects now up-and-running, with more on the way

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You Can Begin Participating in Globus Development Today!

- Monitor and comment on Globus development discussions; recent threads include:
  - ◆ GT 4.1.0 release production work *(gt-dev@globus.org)*
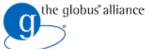 - ◆ On GRAM JSDL support *(gram-dev@globus.org)*

  The Globus mailing list page:
  http://dev.globus.org/wiki/Mailing_Lists

- Submit bug fixes and other contributions
- Start your own Globus project!

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Incubator Process in dev.globus

- Entry point for new Globus projects

- Process facilitated by the Incubator Management Project

  - from first contact to becoming a Globus project

- More information on the incubator process
  http://dev.globus.org/wiki/Incubator/Incubator_Process

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Current Incubator Projects
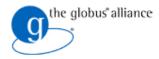
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- ## GridShib
  - Integration of GSI and Shibboleth security
  - Project Chair: Von Welch, NCSA

- ## GridWay
  - MetaScheduler that works over GT2 and GT4 GRAM, MDS
  - Project Chair: Ignacio Lorente, UCM

- ## Globus HandleSystem
  - A means for uniquely identifying resources and other data
  - Project Chair: Frank Siebenlist, UC/ANL

- ## Metrics
  - Usage metrics infrastructure
  - Project Chair: Lee Liming, UC/ANL

- ## OGCE
  - Builds science gateway portal environments
  - Project Chair: Marlon Pierce, IU

More incubator projects in the pipeline!

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Join us and help change the world!

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