GLOBUS IN EUROPE
ADOPTION IN THE OVERSEAS DCIs
Why Globus in Europe?

- interfaces
- support
- privacy
- certification
- packaging
- security
- training
- community
A Brief Introduction to the European DCI Ecosystem...
So, what is the role of IGE in here?

Help the scientists in the European Research Area!
What we offer as of today.

• European counterparts of Globus resources
  – Running a mirror of globus.org
  – Providing package repositories and integration testbed
  – Exposing a European metrics collector (privacy!)

• Service Provider for the European e-Infrastructures
  – Doing native packaging (even for exotic systems)
  – Conducting Third-Level Support for the operators in Europe
  – Ensuring Quality of Service towards the NGIs

• Development on Globus for European requirements
  – Patches for LRM systems (IBM LoadLeveler, NQS2)
  – Support for additional interfaces (OGSA-BES/DAI, JSDL)
  – Integration of requested security technologies (SAML, LCAS)
The GridKa Summer School 2010 problem

On: September 7-10, 2010

Workshop:

- Evaluation talks and tutorials/workshops
  - Talks:
    - Grid and Clouds, a Look ahead (Fabrizio Gagliardi): 8.9
    - Introduction to Grid and Cloud Computing (Tony Cass): 8.8

IGE's solution

- Know about the issue
- Wilhelm Bühler (FZK, Germany) contacted IGE
- Florian Zrenner (LRZ, Germany) offered a session

- Deliver full-day workshop
  - With hands-on sessions
  - With tailored part for users and admins

Success stories so far.

12.04.2012
GlobusWORLD 2012, Argonne (IL), United States

And... „best of show“!

http://go.ige-project.eu/training
• The Production Infrastructure Adoption problem
  – Formal process for software roll-out
  – Need for Globus Toolkit on the resources
  – ... But UChicago/ANL are not certified for Europe

• IGE’s solution
  – Liaise
    • IGE and EGI
    • EGI within EGI and SIENA
  – Take responsibility
    • IGE represents Globus in all relevant bodies
      – Within EGI (Software Vulnerability, Support, Packaging & Release, etc.)
      – Within SIENA (Standardisation & Interoperation)
      • EGI has a formally established connection with Globus

And I hasten to add... Globus is the first middleware with a formal MoU and SLA with EGI. We even made two releases into UMD!
IGE is proud to look back on a year of remarkable successes and milestones

IGE launches request tracker
The management of requirements is important for any community-based endeavour, and one of the primary commitments of the Initiative for Globus in Europe (IGE) project is to gather and address Globus requirements emerging from European research communities. To facilitate this, IGE has made a Request Tracker (RT) publicly available for the registration and tracking of these requirements. "Improving the Globus middleware is the goal of all Globus developers, worldwide. By collecting and prioritising a European wish list for new Globus features, bug fixes, and usability improvements, as well as European contributions to Globus, IGE facilitates reaching this common goal." says Dr. Helmut Heller, Project Director of IGE.

IGE Software 1.0 and European Globus Statistics Collector released
The next chapter of the success story of the Initiative for Globus in Europe (IGE) continuous with news about its initial software release 1.0., which primarily consists of native packages for various operating systems such as Ubuntu, Debian, Fedora, or Scientific Linux and is based on the Globus Middleware Toolkit 5.0.3. It shows that there is the need to contribute customized features and developments for the European Globus communities by means of IGE directly. IGE 1.0 is configured to report their usage statistics to the
A Future Lookout: Overseas Globus Online
Thank you for listening.

2nd EGCF Meeting
(~70 people)
March 26, 2012
EGI Community Forum
Garching near Munich, Germany

GlobusEUROPE
September 17, 2012
EGI Technical Forum
Prague, Czech Republic

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