OGFs role in the Community

David Wallom, VP Community
Community Function

The OGF Community Function is responsible for engaging with scientific, engineering, education, business and industrial communities to enable productive forums to identify and align requirements, workshop solutions, and share progress.
OGF (in a diagram)
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e-Research ➔ 2011

• Current e-infrastructure usage a coalition of the willing
  • ‘Smallish’ communities
  • Hard to use individual tools
  • Complicated workflows
  • Only for the persistent
(e-)Research 2011

- (e-)Infrastructure utilisation must become as normal as e-mail
- Must support all communities
- Must consider usability as a core part of fitness for purpose
- A global enterprise, using globally scaled facilities and scaled communities
  - e.g. 44 ESFRI projects and beyond
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A Selection of Workshops from the last 12 months & 5 days)

- Cloud and Grid Security
- Inter-cloud Workshop
- Policy Based Data Management
- NOSQL datastores and “Big Data” Clouds
- Interoperability across Europe and Asia
- Software development tools for distributed computing
- Enabling User Communities To Fully use DCI and Other Elements of Cyberinfrastructure
- On-demand Infrastructure Services provisioning
- Requirements for Future e/Cyber-infrastructure
- OGC Requirements in Standards
- Remote Instrumentation
- Green-IT
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• Early work around low hanging fruit in
  • Authentication
  • Job Submission
  • Information Publishing
  • Data movement

• Led to persistent exemplar of interoperability around the HPC Basic Profile, first demonstrated @ OGF 27

• Need to follow this up with more of our standards?
  • e.g. SRM, OCCI
• Describe to the preservation community best practices for implementing distributed preservation systems
• Identify for the grid community the consistency constraints that are required between grid services for a viable preservation system.
• iRODS workshop here on Saturday led by the group co-chair
Remote Instrumentation Services in Grid Environment - RG

- Provide an overview of existing solutions and best practices for interactive service oriented infrastructures

- Research and document:
  - The state of the art in grid and network infrastructures in areas connected with laboratory equipment sharing
  - Existing standards allowing the use of lab devices remotely
  - Integrating research: interactivity and visualisation in typical workflows for remote instrumentation
  - Interactivity in Grids
  - Visualisation Frameworks

- Created Access to Remote Instrumentation in a distributed environment (ARI)-WG
OGFs Community/Stakeholders

• Researchers
• Resource Providers
• Tool and infrastructure developers

• OGF has a vibrant Community which is continuing to drive the organisation forward

Thank You!