

OGF-Europe: Addressing user community needs

RECURSE Workshop, IDCC, 1 December 2008

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OGF-EU: Making an impact



- Ensuring OGF standards are aligned with the needs of European stakeholders
- Promoting the value of standardisation which enables innovation
- Connecting user groups to share best practices & transform them into standards through OGF WGs
- Developing standards with end-users, developers, diverse groups
- Fostering synergies between other SDOs such as W3C, SNIA, DMTF, OASIS

Digital Repositories Community Outreach Seminar

The Digital Repositories (DR) seminar was the first of six Community Outreach Seminars (COS) in the remit of the OGF-Europe project.

COS Objectives

- Identify key themes of interest in the selected sector community
- Capture user case studies illustrating **successful implementation**
- Foster interactive discussions with **user communities** and potential adopters
- Create interest in target markets through **targeted media coverage**

Future seminar topics include:

- Service Oriented Infrastructures for Telecoms
- Green IT
- Creative Industries
- Software Development for Distributed Computing
- Cloud Computing

OGF23 – Digital Repositories – Interoperability using Grid technologies

- OGF23, 5 June 2008, Barcelona, Spain
- Attended by up to 70 participants including grid technologists and user communities

Communities represented in presentations:

- Earth Science
- Enterprise
- Humanities
- Space Sciences
- Natural Resource Science
- Environmental Monitoring



Best Practices Highlighted

- Community building: IVOA - community alliances; GRL2020 – cross-sector alliances
- Addressing user needs: Easy access to reliable data, exploiting Web services
- Curation: GENESI-DR - integrated access and use of available Earth Science DRs
 - Creation, extraction and augmentation of metadata through automatic semantic analysis using machine learning
- Preservation : IPY - Strict data policy guidelines & open standards to ensure long-term preservation and open access
- Sustainability: Good marketing, facilitaton of usage & re-use of data

Distributed Computing

- Reduced process time for large amounts of data and diverse types of data: Humanities
- Access for scientists to Infrastructures with large volumes of dispersed data
- *“Integration of distributed computing and DRs to create a federated repository offers many benefits”*

Andreas Aschenbrenner, University of Goettingen

- Maximisation of institutional dissemination
- Thematic collections and interdisciplinary projects
- Shared storage – reduce maintenance and hardware costs
- Increased storage space

Standards? Why and Where

- A pre-requisite for federation of DRs

*“For DR infrastructures to be successful and truly benefit their user communities, standards are required in: **ingestion, access and presentation; security; data management; storage management; preservation and curation.**”*

Flavia Donno, CERN & EGEE III

- Closer contact with standards groups
- Best Practices & cross-sector collaborative development
- Community-driven standards

Next Steps

- Publication of Digital Repositories Best Practice Report
- Mini-report of IDCC workshop findings
- GENESI-DR workshop, Frascati Italy 2009
- OGF25 – DR workshop – detailing user community needs to technical experts – David Martin, IBM & OGF
- Synergies between OGF Working Groups and DR community - DR community members participating at OGF Working Groups to communicate needs to them
- Development of OGF DR Working Group
- Development of OGF Standards such as SRM which really address user community needs

GET INVOLVED

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Thank-you

Work With Us

- Contribute to our monthly eAnnouncements distributed to the Distributed Computing Community
- Support our Community Outreach Seminars with your Best Practice examples
- Inform us of Standards you are working with and how this facilitates your work
- Web site: www.ogfeurope.eu
- Contact: info@ogfeurope.eu

Driving Standards Forward

- Bridging the gap between OGF standards and the needs of Stakeholders
- Industry Expert Group (IEG): 17 distinguished industry members
- Analysing the needs of EU businesses & ensuring OGF standards are aligned with industry needs
- Active in creation of introducing OGF-Europe Workshops on transition to cloud computing and data services
- Reports on adoption challenges, best practices & user case studies
- Introducing & Sensibilising the Next Generation of Scholars
 - - Development of the Student Scholar Programme

The OGF Mission

- **Open Grid Forum** is an open community committed to driving the rapid evolution and adoption of applied distributed computing.
- Applied distributed computing is critical to developing new, innovative and scalable applications and infrastructures that are essential to productivity in the enterprise and within the science community.
- OGF accomplishes its work through open forums that build the community, explore trends, share best practices and consolidate these best practices into standards.

Looking Forward

- Cloudscape Seminar, Jan 14-15, Brussels
- OGF25, in collaboration with EGEE User Forum
 - La Climiniera, Catania, Italy, March 2-6 2009
 - Tutorials
 - Community Outreach Seminars
 - Green IT and Software Development
- GIN Workshops
- Adoption Challenges Reports
- Digital Repositories: Evolving a community
 - Workshop @ IDCC, Edinburgh, UK, December 1-2, 2008
 - Establishment of OGF DR Working Group
 - Community Best Practice Report

