

Public Services Announcement



<http://www.worldcommunitygrid.org/>

Participate by:

- Downloading the software
- Submitting a proposal

A decorative graphic in the top left corner consists of a grid of white dots of varying sizes, arranged in a pattern that tapers to the right.

GlobalGridForum

Leading the pervasive adoption of grid computing
for research and industry

Welcome to GGF14!

Agenda

GGF14 Highlights

- Progress & Plans



GGF 14
June 27-30 2005
Chicago, USA



GGF14 at a Glance

Mon June 27	Tue June 28	Wed June 29	Thurs June 30
<p data-bbox="183 578 291 1285">Community Program</p> <p data-bbox="361 578 469 1285">Group Sessions</p>	<p data-bbox="556 544 942 735">Opening Plenary Session 9:00p - 10:00p.</p> <p data-bbox="589 763 697 1285">Community Program</p> <p data-bbox="767 763 875 1285">Group Sessions</p>	<p data-bbox="994 578 1103 1285">Community Program</p> <p data-bbox="1172 578 1280 1285">Group Sessions</p> <p data-bbox="981 772 1348 963">Town Hall 12:30p - 2:00p.</p>	<p data-bbox="1404 578 1512 1285">Community Program</p> <p data-bbox="1590 578 1698 1285">Group Sessions</p> <p data-bbox="1367 1021 1754 1212">Closing Plenary Session 1:30p - 3:00p.</p>

Community Program - Building GGF Communities



Building an international community for the exchange of ideas, experiences, requirements, best practices

Telcom
Community

Education
Communities

Semantic Grids and the
Agents Community

Life Sciences
Community

Network-Centric
Operations
Community

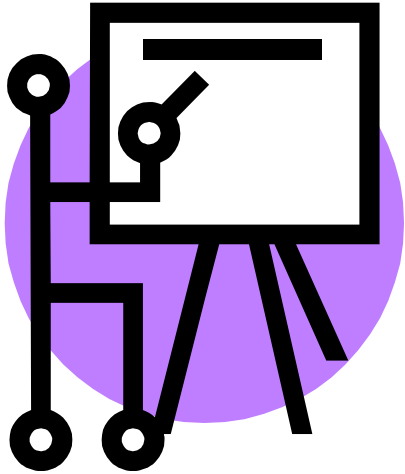
WUN Cultural
Grid

How to Support New Communities in GGF

Roundtable discussion

Tuesday, 6:30p – 8:00p, Regent 1

Community Program – workshops



- “Why, how and when to invest in working with GGF”- Improving Interaction between Grid Standards & Projects
- Grid Applications: from Early Adopters to Mainstream Users
- Healthcare Security & Privacy: Is GGF Doing Enough to meet the needs of the Healthcare Industry?
- Globus Toolkit Version 4: Status and Experiences
- Science Gateways: Common Community Interfaces to Grid Resources
- Building a Research and Education Grid in Africa
- Overview of the caBIG Project

Community Program – Introductory sessions for managers and newcomers



Grid Primer for Managers

GGF101 for Newcomers

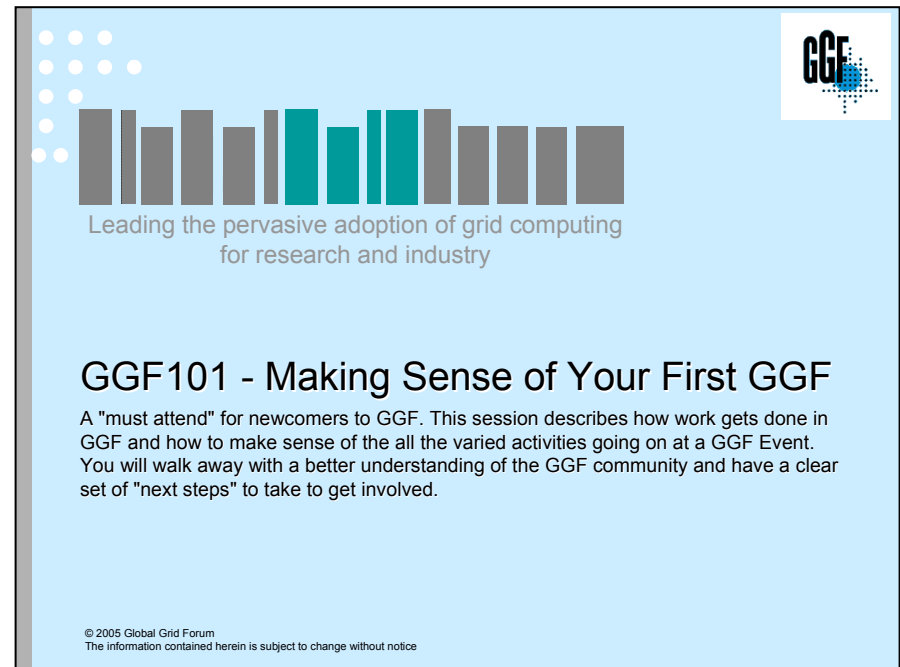
The cover of the 'Grid Primer' book, featuring a blue background with silhouettes of people and the Gridwise Technologies logo.

Grid Primer
management-level introduction to Grid technologies

Pawel Plaszczak
Jakub Dziwisz

www.gridwisetech.com
pawel@gridwisetech.com
kuba@gridwisetech.com

gridwise
technologies

The cover of the 'GGF101' book, featuring a light blue background with a bar chart and the GGF logo.

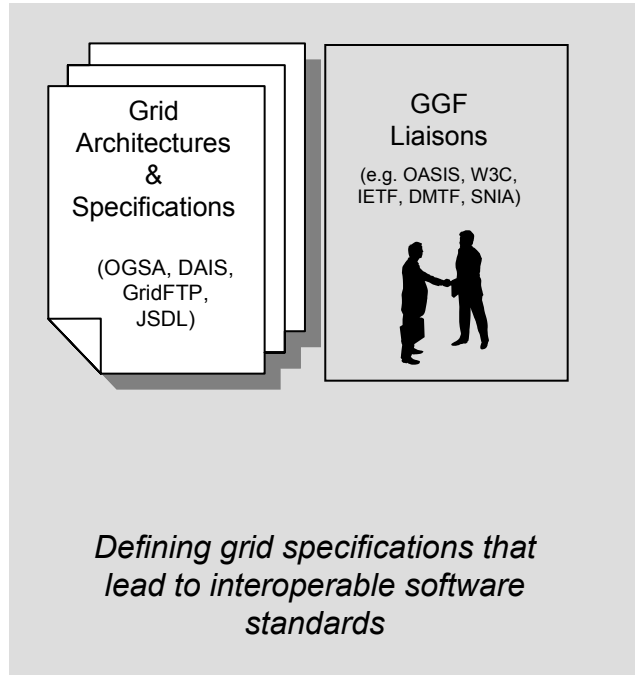
GGF101 - Making Sense of Your First GGF

Leading the pervasive adoption of grid computing for research and industry

A "must attend" for newcomers to GGF. This session describes how work gets done in GGF and how to make sense of the all the varied activities going on at a GGF Event. You will walk away with a better understanding of the GGF community and have a clear set of "next steps" to take to get involved.

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Group Sessions - ~ 77 WG/RG Group sessions and BoFs



Simple API for Grid Applications - RG #1

Grid High-Performance Networking - RG #1

Data Format Description Language - WG #1

Network Measurement - WG #1

SCRM-WG

Trusted Computing - RG

Job Submission Description Language - WG #1

Application Contents Service - WG #1

Enterprise Grid Requirements - RG

Firewall Issues - RG

OGSA-Authz-WG

Grid Storage Management - WG

Distributed Resource Management Applications API WG #1

Grid Computing Environments - RG #1

Data Access and Integration Services - WG #1

INFOD-WG

OGSA-WG #2 "EGA Reference Model"

GridRPC-WG

Certificate Authority Ops - WG #1

Grid File Systems - WG #1

Configuration Description Deployment Lifecycle Mgmt - WG #1

Preservation Environments - RG

OGSA-WG #1 "OGSA Status & Future"

Grid Scheduling Architecture - RG

Application Developers and Users - RG

GRAAP-WG #1

ByteIO-WG

Agenda

- Conference Highlights

 Progress & Plans



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Since GGF13 in Seoul, our community has made steady progress



Pervasive Adoption

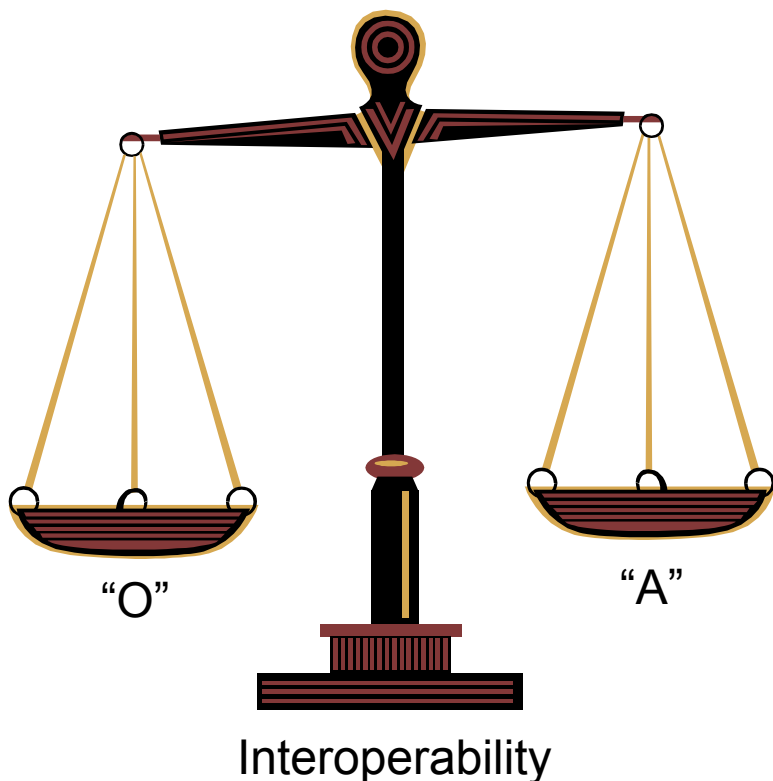


GGF Community

Even as the pressure for broadly adopted specifications continues to grow

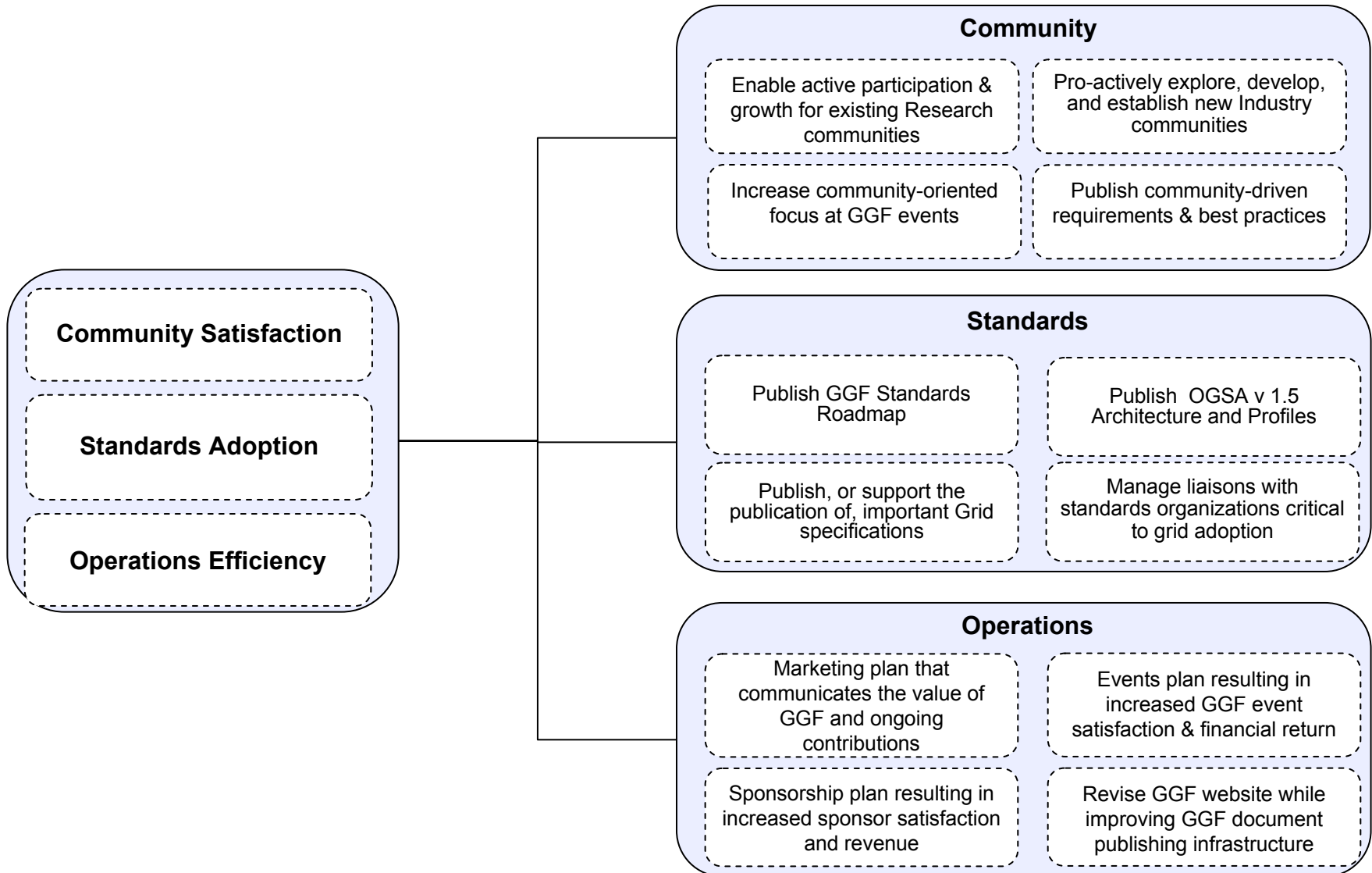


Where is the balance?



- What is the standards landscape and roadmap look like?
- What is the future directions for OGSA and how do we balance the “O” and the “A” in OGSA
- When will the web services infrastructure standards that OGSA relies on stabilize?

GGF is pursuing aggressive objectives



We have transitioned to new GFSG functions and aligned areas and groups



Community

Research Applications

Grid Mega-Projects



Industry Applications

Technology Innovations

Grid Operations

Standards

Grid Architectures & Specifications

(OGSA, DAIS, GridFTP, JSDL)

GGF Liaisons
(e.g. OASIS, W3C, IETF, DMTF, SNIA)



Operations

Events

Marketing



Sponsorship

Finance & IT

... established 9 new groups ...

New Groups at GGF14



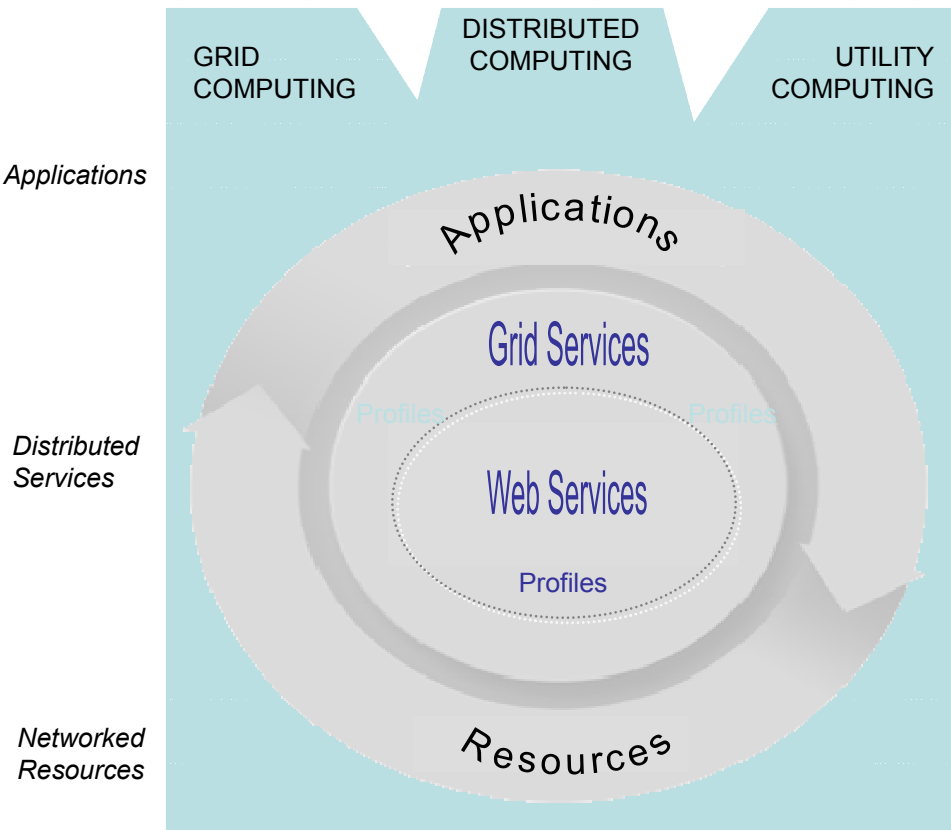
- Telecom Research Group (Telco-RG)
- Trusted Computing Research Group (TC-RG)
- Firewall Interest Research Group (FI-RG)
- OGSA-BES Working Group (OGSA-BES-WG)
- Production Grid Services-RG (PGS-RG)
- BytelO Working Group (BytelO-WG)
- OGSA-Data Working Group (OGSA-D-WG)
- OGSA-Naming-WG (OGSA-N-WG)
- Standards Development Organizations Collaboration on Networked Resources Management (SCRM-WG)

... and published 5 new new documents



GFD.44	<p>Open Grid Services Architecture Glossary of Terms</p> <p>J. Treadwell, M. Behrens, D. Berry, V. Deolaliker, A. Djaoui, I. Foster, A.Grimshaw, O. Hernandez, B. Horn, H. Kishimoto, F. Maciel, D. Milojcic, S. Schaefer, D. Snelling, J. Pruyne, R. Subramamiam, A. Savva, F. Siebenlist, J. Unger</p>
GFD.45	<p>Resource Management in OGSA</p> <p>F. Maciel, J. Treadwell, L. Srinivasan, A. Westerinen, E. Stokes, H.Kreger, D. Snelling</p>
GFD.46	<p>Operations for Access, Management, and Transport at Remote Sites</p> <p>R. Moore</p>
GFD.47	<p>GridFTP v2 Protocol Description</p> <p>I. Mandrichenko, W. Allcock, T. Perelmutov</p>
GFD.48	<p>Authority Recognition</p> <p>Authors: P. Madsen, D. Chadwick</p>

We have early work to share with the community on a GGF Standards Roadmap



Scope

- Provides context regarding current standards environment (Industry & GGF)
- Describes OGSA and related specifications that enable interoperability

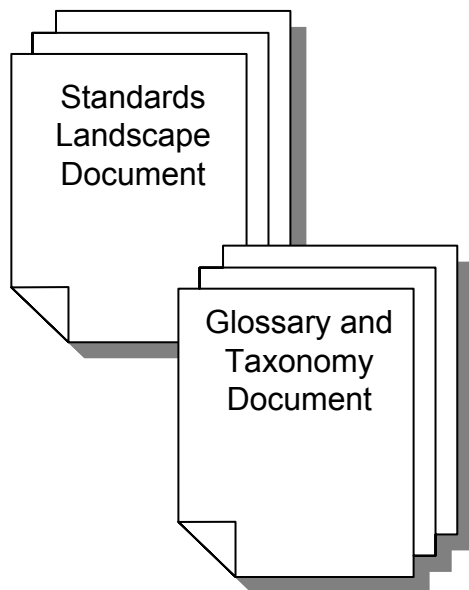
Intent

- Living document” - approachable summary of the specifications, uses and targeted functions
- Estimates time scale for public comment, implementation, interoperability testing

Milestones

- Discussion Draft (6/05)
- v1.0 Document (10/05)

... and have the start of a new cross-institutional WG for standards collaboration



Deliverables

- GGF has been coordinating discussions during the past year with Standards Development Organizations (SDOs), including DMTF, GGF, IETF, ITU-T, OASIS, SNIA, TMF, W3C, to improve overall collaboration on next generation standards for management of resources
- Now forming a cross-institutional workgroup (WG) within GGF to converge common terminology, organize and summarize the interplay of the various specifications.
 - “Standards development organizations Collaboration on networked Resources Management” or **SCRM** (pronounced “scrum”)
- GGF provides the infrastructure for SCRM-WG - participating SDOs can equally contribute to and promote SCRM work
- The SCRM-WG is a regular public GGF Working Group - anyone with relevant skills, interest and commitment encouraged to participate



We have enhanced the GGF Website

Navigation bar for fast access to key sections of interest

New “revolving message” area to highlight current topics of interest



“Sponsor Spotlight” area that showcases the sponsors who generously contribute to our efforts

Quick Access to critical GGF event, news, group and document information



... and announced a new Enterprise Event



- Premier commercial, educational and technical event for grid computing worldwide
- Combines GGF expertise in grid architectures, specifications, best practices and solutions ... with IDG's event marketing and management
- Extensive Enterprise Program along with the traditional GGF(15) Community Program and Group sessions

GGF15 at a Glance



- Theme: Explore, Adopt and Deploy
- Special pricing for GGF members

Our GGF Community has accomplished much over the last several years...



The woods are lovely, dark and deep.
But I have promises to keep,
And miles to go before I sleep,
And miles to go before I sleep

Excerpt from: Robert Frost
Stopping by Woods on a Snowy Evening

Together we can take grid to the next stage of growth and adoption



- Help build our international community
 - Open dialogue and discourse
 - Practical, “crawl, walk, run” approach
- Contribute to interoperable software standards
 - Eyes on the prize - interoperability, not politics
 - Shameless collaboration – it takes “a community”
 - Balance the “O” and the “A” in OGSA
- Come to GridWorld and tell your friends!

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