



GlobalGridForum

Leading the pervasive adoption of grid computing
for research and industry

GGF-17 Closing Plenary

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Agenda

- General Overview
- Standards Council Highlights
- Community Council Highlights
- Area/Group Highlights
- Wrap-up

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GGF's Fifth Birthday!

- GGF-1 in Amsterdam, March 4-7, 2001
- GGF-2 Tysoi *Correct Number of Candles!* Berlin
- GGF-3 Frascati Honolulu
- GGF-4 Toronto
- GGF-5 Edinburgh
- GGF-6 Chicago
- GGF-7 Tokyo
- GGF-8 Seattle
- GGF-9 Chicago
- GGF-12 Brussels
- GGF-13 Seoul
- GGF-14 Chicago
- GGF-15 Boston
- *GGF-16 Athens*
- *GGF-17 Tokyo*

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GGF/EGA Merger

- During the week we presented the case for finalizing the merger with:
 - Grid Forum Steering Group (GFSG)
 - Grid Forum Advisory Committee (GFAC)
 - GGF Board
 - General GGF membership at our town hall meeting.
- All discussions were lively but positive and the general sentiment was to move forward.
 - We have agreement to merge with EGA given the successful finalization of the bylaws; membership program; board appointment process; and financial due diligence.
 - We have agreement to move to a new name for NEWORG as long it is seen as a natural evolution and is an appropriate name.
 - On target for June announcement and July legal close

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Standards Highlights

David Snelling
Vice Chair Standards

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Compute Area Highlights

- All groups met
 - GSA-RG, GRAAP-WG, JSDL-WG, OGSA-BES-WG, OGSA-RSS-WG
 - Good progress on all fronts
- Proposed OGSA HPC Profile working group
 - Had charter discussion BoF
 - Strong community support
 - Group will ensure that HPC use cases are satisfied, and propose extensions to fill gaps
 - Now being reviewed by GFSG

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Data Area Highlights (1/2)

- Data Access and Integration Services (DAIS-WG)
 - Public Comment Finished: WS-DAI, WS-DAIR
 - Interop Testing Specification Finished and Driving GFSG to Firm up Process
 - Discussion of Re-Charter of DAIS-WG to include RDF realization (DAIS for RDF/SPARQL)
 - DAIS Workshop Friday Afternoon
- Grid File Systems (GFS-WG)
 - Resource Namespace Service (RNS) Significantly Re-Written
 - Positive Early Review by OGSA WG
- EGA Interaction
 - Good Input from EGA Data Provisioning WG


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Data Area Highlights (2/2)

- OGSA-Data
 - Working on Use Cases, Storage Management and Transaction Management Section
 - F2F in May
- GridFTP
 - v2 Specification Finished
 - Need to Show Implementations of v1
- Byte-IO
 - Working on Use Cases
 - F2F in May
- Data Format Description Language
 - Test cases and Schema
- Excellent Interactions Between Groups

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Community Highlights

Robert Fogel
Community Vice Chair

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Grid Interoperation Now (GIN)

- Goal:
 - Establish persistent interoperation capability this year for users authorized to draw on basic services from multiple production research grids.
- Production interoperation agreements NOT formal standards development
 - Need to continue current operations
 - Trying to move to standards based services as middleware and upgrade cycles allow.
- Focus on “low hanging fruit” in 5 key areas first
 - Identity and Authorization
 - Information Schema and Services
 - Data Movement and Management
 - Job Submission
 - Application Deployment
- Bootstrap with experts first, then introduce user groups

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GIN: Progress

- ID/Auth
 - IGTF accreditation expected for ID providers
 - Bootstrapping methods in place for Group identification
- Info Services
 - Developing schema mappings and translators between common subset of 3 sets in use (GLUE, CIM, ARC).
- Data
 - SRM and SRB islands identified
 - some 14 data grids take currently part in SRB
 - some 7 sites take currently part in SRM
- Jobs
 - GRAM, GRAM-WS, and JSDL islands identified
- Applications
 - Developing experience document from experience of deploying simple science application
 - Identifying holes and difficult places

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GIN: Plans

- Continue to grow “islands”
 - Test agreements by broadening participation
 - Identify options to join islands
- Consolidate initial efforts into normal operations
 - Clarify usage conditions and expectations
- Document experience
 - Documents can be found on gridforge
 - General group plans
 - <https://forge.gridforum.org/projects/mgi/>
 - Slides from this meeting
 - <https://forge.gridforum.org/tracker/index.php?aid=1721>
- Report out at GGF18

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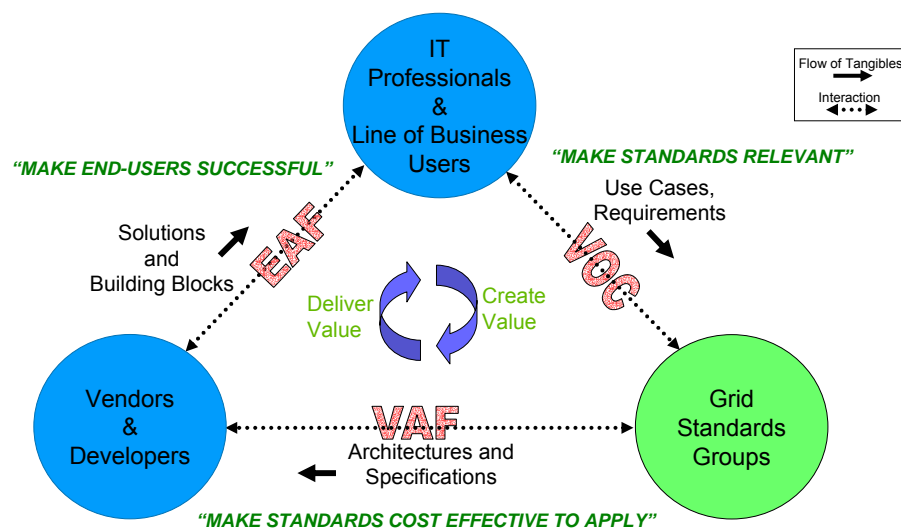
Community Council Strategic Efforts

- Key Community Council Goals
 - Facilitate work of current groups
 - Engage new user/vendor groups
 - Connect these groups with the standards process
- Proposed Creation of Strategic Groups and Interaction Process to make this happen!
 - Voice of the Community (VOC) forums
 - Vendor Adoption Forum (VAF)
 - Enterprise Adoption Forum (EAF)
 - Grid Research Forums (GRFs)
- Need to be much more concrete and specific about groups, topics, etc.
- Coordinate with groups already doing this!
 - GIN, Apps RG

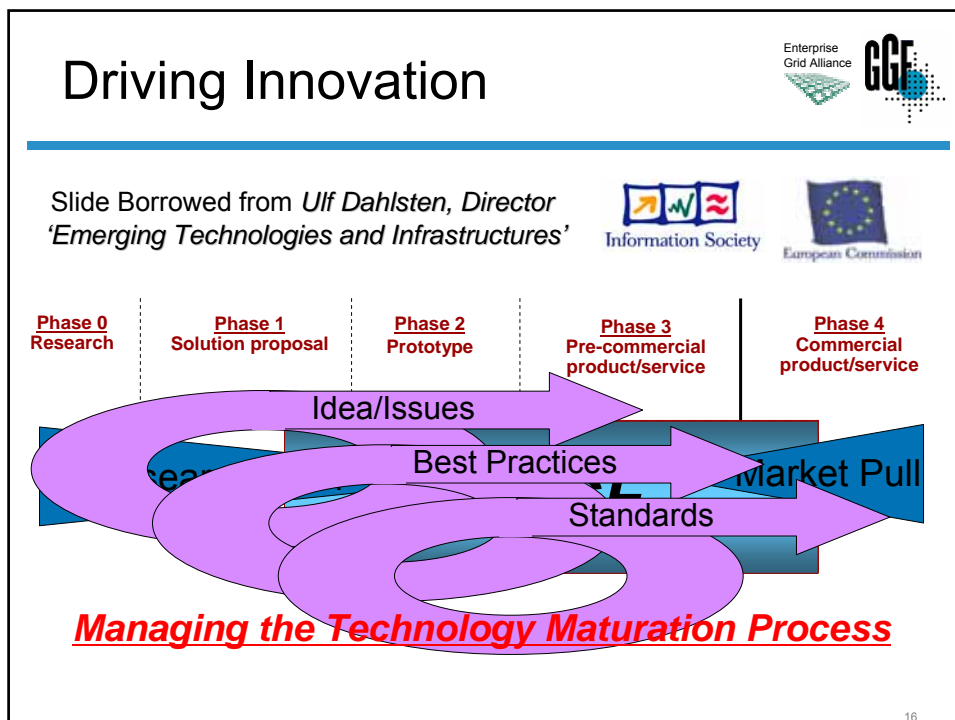
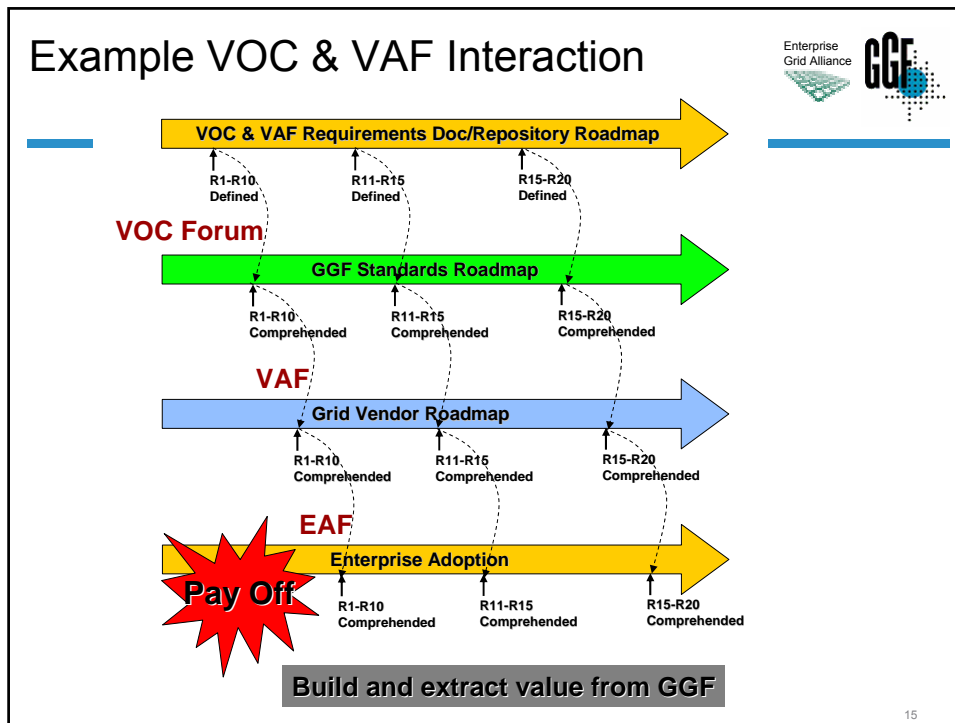
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VOC & VAF Interaction Model



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Applications Area Workshop @ GGF-17

- *Bridging the Divide: Community Application Requirements Driving Standards Development*
- 2 Sessions:
 - Current Status - Development of Standard APIs (DRMAA, GridRPC, SAGA)
 - Consuming Standards - Current Uses and Future Requirements
- Discussion:
 - What are the top barriers to building applications that exploit grid technology?
 - How would your applications benefit from and/or contribute to application level standards?
- Key findings and results:
 - User requirements -> use cases
 - TODO: Ordering the requirements (priorities)
 - TODO: Getting the specifics
 - Compatibility, portability, platform independence, standards compliance!
 - Uptake by grid resource providers and user communities?
- Material of workshop:
 - http://www.ggf.org/gf/event_schedule/?id=287
 - http://www.ggf.org/gf/event_schedule/?id=325

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An Interesting BoF

- *Software Certification and Quality Assurance*
- A new topic for GGF
- There is interest to pursue this topic via GGF
- *Note: This is a sign that grids are maturing*

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GGF-18 Program

- Standards, Standards, Standards
- Co-located with *GridWorld* and *GlobusWorld*
 - Synchronization is essential!
 - Will be having a sanity check telecon next week
- GGF and GridWorld agenda structure identified
 - Over 4 days
 - 4 Keynotes (GGF and GridWorld combined)
 - 65 Standards slots, 25 Community slots
- Short list of keynote candidates compiled
- Many, many community topics identified
 - Earth observation, ground and space systems, pharma, biomedical, distributed simulation, portals, climate prediction, telcos,
- Call for Community Participation on GGF web site will open soon!

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Wrap-up

Thank You!

See you at GGF-18 in
Washington, D.C.

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