

History of EGR-RG

2004 March 11

BOF @ GGF10 Berlin

Background of this RG is explained by GGF Chair, Charlie Catlett

Proposed Charter is explained by proposed co-chair, Toshiyuki Nakata

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf10_and_ggf1/doc8174/2

- A survey of enterprise Grid deployment
- Common requirements for enterprise grid
- Gap analyses between user's requirements and supplier's technologies.

<https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.charter/doc8170/1>

2004 June 7

BOF @ GGF11 Hawaii

Motivation and scope are explained.

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf10_and_ggf1/doc8177/1

In order to gather use cases, we will have a workshop: Enterprise Grids – Survey of practices (current and planned) on GGF12.

2004 Aug. 5

RG is approved by GFSG: approved charter is:

<https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.charter/doc8173/1>

2004 Sept. 21

Workshop @ GGF12 Brussels

"Enterprise Grid Solutions and Deployments"

Workshop Goals, Toshi Nakata (NEC)

"The evolution toward assured grid services", Nigel KJ Dye (British Telecom)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf12/doc8180/1

"Intra-Enterprise Grid", Jikku Venkat (United Devices)

<https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root>

[t.meeting_materials.meeting_materials_ggf12/doc8181/1](https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf12/doc8181/1)

"Grid Portals", Karsten Gaier (NICE srl)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf12/doc8182/1

"Business Grid Project -Objectives & Key Technical Issues -", Nobutoshi Sagawa (Hitachi)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf12/doc8183/1

"Enterprise Grid Challenges - A Perspective", Ravi Subramaniam (Intel)

Workshop summary, Ravi Subramaniam (Intel)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf12/doc8184/1

2004 Sept. 22

Group session @ GGF12 Brussels

Summarize of Workshop

Summary slides are here:

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf12/doc8185/1

We had a good workshop with 5 speakers. We discussed about the definition of Enterprise Grid and the use case document. We decided to collect the documents from workshop talks and other speakers at the plenary sessions. OGSA use cases are useful for our purpose. Ravi uploaded the current use cases to GridForge.

2005 March 16

Group session @ GGF13 Seoul

There are nearly no post and no input to ML.

Ravi and Robert worked on the template for the use case documents. We hope the template will help to gather the use cases from community.

After that, those use cases will be analyzed and categorized into several patterns. From common patterns, what enterprise grid can be extracted?

<https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.usecases.template/doc8203/1>

“Telecon” was proposed for activating the discussion, but it is not realized.

2005 June 30

Group session @ GGF14 Chicago

The template for use case is explained. 5 examples for use case are explained.

- GridASP (Satoshi Itoh, AIST)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf14/doc8189/1

- Use cases of Business Grid (Shinya Miyakawa, NEC)
 - Multiple In-house Systems
 - Wide Area Load Balancing System
 - Disaster Recovery System

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf14/doc8190/1

- Outlook for NextGrid project Applications use cases
(Guy Lonsdale, NEC Europe)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf14/doc8191/1

5 use cases are gathered. But these are few. How can we gather use cases?

2005 Oct. 6

Group session @ GGF15 Boston

No other use cases have been submitted to ML.

“Use Case Repository (UCR)” which is created by Andre Merzky is explained. This repository is not only for EGR-RG, but also for all of GGF members.

Current use case repository is located

<https://forge.gridforum.org/sf/projects/ucr>

Click the “UCR tool button” to see the repository.

Discussion: how to get the Use-Cases.

- Copyright turned out to be one issue.
- Tried to see if existing use cases or white papers might work.

We hope many use case documents will be submitted to the UCR.

2006 Feb. 14

Group session @ GGF16 Athens

Submitted use cases are few, so we decided to find out on the Web by ourselves. The Web

site of GGF Platinum sponsors are candidates. There are some white papers and use cases on the Web. However, there are some problems:

- Copyrights: GGF requires the copyright to the GGF documents
- Some companies ask you to register before you can get to the URLs.
- Most of the papers are either introductory material, or just describe the results and not the technologies which created the results.

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf16/doc8194/1

We decided to write a summary of the use case on the web. The original use case document is linked to the summary on the GGF repository. The copyright of the summary belong to GGF.

Toshi N. and Satoshi I. found some web sites, and explained some of use cases.

- IBM <http://www-128.ibm.com/developerworks/grid/library/gr-aage{1-3}/>
- Datasynapse http://datasynapse.com/pdf/Case_Study_*****.pdf
- SUN http://www.sun.com/software/grid/case_studies.xml

Candidates of the abstract are discussed. (See page 15 and 16 in the meeting material)

2006 May. 11

Group session @ GGF17 Tokyo

Session material is here:

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf17/doc13656/1

Some of use cases found on the Web are explained.

1. SUN's case study summary by Satoshi I.

http://www.sun.com/software/grid/case_studies.xml

An example of the abstract for "Cognigen Corporation" is provided.

There are 20 case studies on the SUN's web site, so some statistical analyses were done and presented.

2. HP's case study summary by Toshi N.

<http://www.hp.com/go/grid>

<http://www.hp.com/country/us/en/msg/corp/htmldreamworks.html>

Information described on the Web is limited. It is better that actual user firm or related vendor explain about the use case in detailed. So we discussed to have a workshop @

GGF18. We need to ask vendors or user firms to make a presentation.

Michiharu Takemoto and Makoto Yoshida, NTT Network Service Systems Lab. explained their business plan “Ubiquitous Service Coordination - Ubiquitous SOA -” as a use case.

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf17/doc13655/1

2006 Sept. 13

Group session @ GGF18 Washington D.C.

The past activities of EGR-RG was explained. The material is here:

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf18/doc13896/1

We have workshop style discussion for session 1 and session 2 in order to gather case studies (use cases). Program of the session is here:

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf18/doc13795/3

Four presentations are following:

“US Navy's Fleet Numerical Meteorology and Oceanography Center”, Nick Werstiuk, Product Manager - Open Cluster Group (Platform Computing)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf18/doc13897/1

“Building a Campus Grid: Concepts & Technologies”, Mary Fran Yafchak (SURA: Southeastern Universities Research Association)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf18/doc13898/1

“Grid for Financial Services”, Larry Ryan, Director, WW FSI Grid Strategy (Hewlett-Packard), and Robert Nordlund, Director, Advanced Technologies (Hartford)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf18/doc13881/1

“Requirement Analysis of Grid Scenarios”, Mathias Dalheimer (Fraunhofer Institut fuer Techno- und Wirtschaftsmathematik: ITWM)

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf18/doc13900/1

After the workshop style discussion, topics are summarized.

https://forge.gridforum.org/sf/docman/do/downloadDocument/projects.egr-rg/docman.root.meeting_materials.meeting_materials_ggf18/doc13901/1

Next steps:

Organize the workshop material as in the template so that we can have a consistent perspective for analysis.

Gather more such cases with individuals providing examples.

Speakers for the next OGF – continue the workshop style discussion?

Define an approach for analysis towards finding tangible requirements for the standards development.

Engage and sync with other OGF activities in this space – e.g. VOC and VAF run by the OGF office and UC repository effort – underway.

Pattern Oriented Analysis is proposed by Ellen Stokes (IBM)

Define runtime patterns to describe how grid management service components interact to support a controlled and flexible execution of application workloads.

Composite patterns:

Access (user access to grid: portal/authn/authz)

Workload virtualization (scheduling & workload mgmt)

Platform virtualization (resource mgmt & provisioning)

Information virtualization (local/remote data access)

Now