

SAGA-RG

**Simple API for Grid Applications
Research Group (APME Area)
Meeting #1, GGF-11, South Pacific 2
Introductory SAGA-RG Document Session**



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Agenda – this meeting

Introductory SAGA-RG Document Session

1. Introduction (10 min)

- a. Welcome and GGF IP policy
- b. Note takers
- c. Overview of document to be discussed

2. Identification of related WG/RGs (40 min)

- a. Discussion of how we relate to these groups
- b. Identification of liaisons to relevant groups

3. Discussion of SAGAs role in the Workshop on Grid Application Programming Interfaces at GGF12 (15 min)

- jointly with DRMAA-WG, GridRPC-WG, and APPS-RG

4. Overview of related projects (20 min)

- short presentations covering prior and current work, especially focusing on use case and application analysis and requirements
- GAT, CoG, GridPort, RealityGrid

5. Conclusion (5 mins)

- a. Review action items
- b. Set deadlines



Next Meeting Tomorrow

SIMPLE API FOR GRID APPLICATIONS-RG #2 (APME)

12:30-14:00 Tuesday 8 June 2004, South Pacific 3

SAGA-RG Use Case Document Session

1. Introduction (10 min)

- a. Welcome and GGF IP policy
- b. Note takers
- c. Overview of "Use Cases and Application Scenarios" document and goals

2. Open Discussion of document contents (15 minutes)

- High level view of what should be contained in the document

3. Develop a rough outline for the document (50 minutes)

4. Identify authors for sections (10 minutes)

5. Conclusion (5 minutes)

1. Review action items
2. Set deadlines



Introduction (10 min)

- **Housekeeping**

- GGF IP policy
- Attendance Sheet

- **History**

- BOF for proposed GAPI-WG at GGF9
- BOF for proposed SAGA-WG at GGF10
- Now ratified as a research group SAGA-RG
 - Co-chairs: Tom Goodale (LSU), Keith Jackson (LBNL), Stephen Pickles (Manchester)
 - Secretaries: Shantenu Jha (UCL), Krzysztof Kurowski (PSNC), Ian Taylor (Cardiff)

- **Overview of "Use Cases and Application Scenarios" document and goals**



Documents

- **“Use Cases and Application Scenarios”**
 - topic of tomorrow’s session
 - source of all requirements
 - initial focus on job management and data transfer

- **Abstract API**
 - language neutral definition of API

- **others TBD**

Identification of related WG/RGs (40 min)

- **What other GGF Research and Working Groups is SAGA-RG related to?**
- **How does SAGA-RG relate to these groups?**
- **Identification of liaisons to these groups**

Liaisons

- **GridCPR – Derek Simmel (Grid Checkpoint Recovery)**
- **GridRPC – Craig Lee (Remote Procedure Call)**
- **GridPCR ;) – Mary Thomas**
- **ACE – Keith Jackson**
- **APPS – Thilo Kielmann volunteered by Andre Merzky**
- **ASTRO – Jay Boisseau**
- **GCE – Mary Thomas**
- **GUS – Stephen Pickles to approach GUS**
- **LSG – Vincent Breton**
- **PNPA – Andre Merzky to seek a name**



Liaisons (2)

- **PE-RG – Stephen Pickles**
- **PGM – Keith Jackson to approach Judith Utley**
- **UPDT – Robert Hood or Gabrielle Allen**
- **CMM – liaison not required**
- **OGSA – Chris Smith**
- **OGSI – Stephen Pickles**
- **Policy-RG – wait and see**
- **GPA – dead**
- **SEM-RG – Simon Cox or Carole Goble**
- **DAIS – Savas Parastatidis**



Liaisons (3)

- DFDL – wait and see
- GFS – Stephen Pickles to approach
- GridFTP – Gregor von Laszewski
- GSM – Keith Jackson
- INFOD – no liaison required
- IPV6 – not required
- OREP – not required
- DT-RG – not required
- GHPN - not yet
- DRMAA – Hrabri
- JSDL – Chris Smith



Liaisons (4)

- **GSA – Keith Jackson**
- **WFM – Gregor von Laszewski**



GGF12 Workshop (15 Minutes)

- **Discussion of SAGAs role in the Workshop on Grid Application Programming Interfaces at GGF12**
 - jointly with DRMAA-WG, GridRPC-WG, and APPS-RG
 - organisers: Thilo Kielmann, Simon Cox, Stephen Pickles

“The programming interfaces of grid-oriented middleware has resulted in increased complexity and decreased ease-of-use for application developers who might only require a small subset of the capabilities or might prefer to have the complexity hidden. Therefore complementary work is underway to provide simple APIs and toolkits for application programmers. This will be the focus of the workshop.

“The workshop is soliciting contributions on (1) scope, design, and implementation of APIs and toolkits for grid applications, and (2) application case studies where such APIs and toolkits have been deployed.

“The goal is to bring together both application developers, and designers of grid APIs and toolkits with the aim of developing an informed understanding of the core capabilities of a simple API and how this might be delivered in an essential variety of languages and development environments.”



Overview of related projects (20 min)

Short presentations covering prior and current work, especially focusing on use case and application analysis and requirements

- **Mary Thomas: GridPort**
- **Gregor von Laszewski: CoG**
- **Tom Goodale: GAT**
- **Stephen Pickles: RealityGrid**



Conclusion (5 mins)

- **Review action items**
 - liaisons with other groups
 - come back tomorrow
 - tell your friends

One session at next GGF to invite other groups/areas to present APIs etc.

- **Set deadlines**



Advertisements

- **Web site:**
 - <https://forge.gridforum.org/projects/saga-rg/>
- **Mailing list:**
 - saga-rg@ggf.org
 - previous traffic on gapi-wg, saga-wg
- **Relevant events:** <http://www.nesc.ac.uk/esi/esi.html>
 - Workshop on Grid Applications Programming
 - 19-21 July, 2004, e-Science Institute, Edinburgh
 - <http://www.nesc.ac.uk/esi/events/424/>
 - Service Grids: Current Activity & Middleware Requirements
 - 22-23 July, 2004, e-Science Institute, Edinburgh
 - <http://www.nesc.ac.uk/esi/events/415/>
 - Opportunity for SAGA-RG face-to-face meeting?
- **WS Based Grids BOF 18:00 Sea Pearl 3-4 Tuesday**
 - for those interested in WSDL bindings for SAGA

