

# SAGA-RG

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



# GGF Intellectual Property Policy

- I acknowledge that participation in GGF8 is subject to the GGF Intellectual Property Policy.
- **Intellectual Property Notices Note Well:** All statements related to the activities of the GGF and addressed to the GGF are subject to all provisions of Section 17 of GFD-C.1 (.pdf), which grants to the GGF and its participants certain licenses and rights in such statements. Such statements include verbal statements in GGF meetings, as well as written and electronic communications made at any time or place, which are addressed to:
  - the GGF plenary session,
  - any GGF working group or portion thereof,
  - the GFSG, or any member thereof on behalf of the GFSG,
  - the GFAC, or any member thereof on behalf of the GFAC,
  - any GGF mailing list, including any working group or research group list, or any other list functioning under GGF auspices,
  - the GFD Editor or the GWD process
- **Statements made outside of a GGF meeting, mailing list or other function, that are clearly not intended to be input to an GGF activity, group or function, are not subject to these provisions.**
- **Excerpt from Section 17 of GFD-C.1** Where the GFSG knows of rights, or claimed rights, the GGF secretariat shall attempt to obtain from the claimant of such rights, a written assurance that upon approval by the GFSG of the relevant GGF document(s), any party will be able to obtain the right to implement, use and distribute the technology or works when implementing, using or distributing technology based upon the specific specification(s) under openly specified, reasonable, non-discriminatory terms. The working group or research group proposing the use of the technology with respect to which the proprietary rights are claimed may assist the GGF secretariat in this effort. The results of this procedure shall not affect advancement of document, except that the GFSG may defer approval where a delay may facilitate the obtaining of such assurances. The results will, however, be recorded by the GGF Secretariat, and made available. The GFSG may also direct that a summary of the results be included in any GFD published containing the specification.

GGF Intellectual Property Policies are adapted from the IETF Intellectual Property Policies that support the Internet Standards Process.



# 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](mailto: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

