

## *DRMAA Working Group*

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**GGF11**

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# First things first

- **DRMAA scope and purpose:**

- Submit, control & monitor, and query status of jobs.
- DRMAA concerned mainly with legacy environments and applications
  - But open for WSDL and recent OO languages bindings

- **Need two volunteers for taking this session minutes**

- **Sign-up sheet**

# Workshop on Grid Application Programming Interfaces

- GGF 12
- Organizers:
  - Thilo Kielmann, Vrije Universiteit, chair APPS-RG
  - Stephen Pickles, Manchester University, chair SAGA-WG (up for approval)
  - Simon Cox, University of Southampton
- Review committee:
  - Simon Cox, University of Southampton
  - Tom Goodale, LSU, chair SAGA-WG
  - Keith Jackson, LBL, chair SAGA-WG
  - Shantenu Jha, University College London
  - Thilo Kielmann, Vrije Universiteit, chair APPS-RG
  - Gregor von Laszewski, ANL
  - Andre Merzky, Vrije Universiteit
  - Stephen Pickles, University of Manchester, chair SAGA-WG
  - Hrabri Rajic, Intel Americas Inc., chair DRMAA-WG
  - Florian Schintke, Zuse Institute Berlin
  - Thorsten Schuett, Zuse Institute Berlin
  - Ed Seidel, LSU, chair APPS-RG
  - Yoshio Tanaka, AIST Japan
  - Ian Taylor, Cardiff University
- APPS-RG
- DRMAA-WG
- GridRPC-WG
- SAGA-WG



# How is Related to Other Groups

## •OGSA

- DRMAA oriented to legacy applications/environments, complementary to OGSA PE subgroup
- Could be using OGSA interfaces as just another DRM system
- DRMAA could be used as RM adapter
- DRMAA enablement “warm-up” to OGSA enablement

## •JSDL

- DRMAA job attribute list extensive and agreed upon
- JSDL adapter

## •GRAAP

## •SAGA

## •Workflow, APME in general

# Agenda

- **DRMAA status**
- **C Bindings – Andreas Haas**
- **Java Bindings – Daniel Templeton**
- **Support for Interpretive languages – Hrabri**
- **WS-Agreements – James Pruyne**
- **WSDL for DRMAA, JDML based – Steve McGough**
- **Open floor**

# DRMAA status

- **Final edit of DRMAA recommendation document based on the 2<sup>nd</sup> 60 day public review period submitted to GFSC**
- **Reference implementations**
  - C bindings ( SGE and Condor reference implementations )
  - Java bindings ( version 0.3 )
  - .NET bindings ( version 0.1 )

# DRMAA C Bindings

• **Andreas Haas**

# DRMAA Java Bindings

•Daniel Templeton



# Perl module Schedule-DRMAAc 0.81

- Put in CPAN in early May
- It exports the C interface via SWIG
- Plans to do Perl oriented bindings
  
- Python bindings coming