



**omii europe**  
open middleware infrastructure institute

## Information Modeling and **GLUE 2**

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# Information Modeling

- **JRA2 Activity (New Services) has identified the need for an information model as an open standard for Computing Resources as a top priority**
  - Missing connection between OGSA-BES + JSDL
- **The project committed JRA2 to fully invest the second year of activity to fill this gap**
- **The activity is already well set and is progressing nicely**
  - OGF considers already GLUE 2 as an important milestone for the standardization
- **Participation to the OGF activity for the definition of the next-generation information model for computing resources as a community standard**
  - co-leading OGF GLUE WG

# Expected Contribution

- **Implementation of the GLUE Schema**
  - in XML Schema for the integration into OGSA-BES and other WS-based services
  - in LDAP Schema for the integration into current OpenLDAP-based Grid infrastructures
    - e.g.: **BDII-based information service in EGEE**
- **Implementation of an extensible information providers framework for computing resources based on Open Pegasus framework (DMTF/WBEM technologies)**
  - Server running providers, support for caching, attention to performance
  - Client rendering the information in XML and LDIF
- **Timeline**
  - Prototype implementation for early evaluation available in november '07 (only XML)
    - **based on OGF21 draft of the spec**
  - Production release available by March 2008 (XML + LDAP)
    - **Based on expected public comment version of the spec to be issued on OGF22**
- **Note:**
  - the implementation of info providers for storage systems are not part of our current plan
  - planned for initial part of OMII-EU II
  - the framework that we will deliver, will enable third parties to easily plug their providers