Contribution ID: **171**   Type: **Poster**

g-Eclipse - user and developer friendly access to gLite and cloud resources

3

Poster

Project(s) or EGEE activity presenting the demo or poster (project or activity names only)

g-Eclipse project, http://www.eclipse.org/geclipse

Special requirements other than the set up mentioned in the CfA text.

None

Abstract

g-Eclipse is a user-friendly graphical client for accessing grid and cloud resources. It provides a common user interface for all supported middlewares, and bases on a middleware independent abstraction layer which can be used by sowftare developers to grid-enable their applications. Furthermore, being a pure Java implementation, g-Eclipse runs on any Java platform (e.g. Windows, Linux, Mac OS, etc.) without any additional requirements such as a native UI installation.

g-Eclipse provides support for the gLite and GRIA Grid middlewares, as well as for the Amazon WebServices cloud computing offers. The data management component allows for the seamless interoperation of storage accesses across different middlewares, for instance by drag-and-drop. Furthermore, the tool provides Grid job management functionality including a graphical job description editor, automatic job status update, parametric job creation, a batch system management component, scientific visualization support, etc.

Author: Dr GARCIA, Ariel (FORSCHUNGSZENTRUM KARLSRUHE)

Co-authors: Dr KORNMAYER, Harald (NEC Laboratories Europe); Dr STUEMPERT, Mathias (1&1 Internet AG)

Presenter: Dr GARCIA, Ariel (FORSCHUNGSZENTRUM KARLSRUHE)