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GridLab - A Grid Application Toolkit and Testbed

Deliverable 4.5: Prototype Of Portlet Framework

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Abstract: This document reports on GridLab Deliverable 4.5 (Prototype Portlet Framework).

1 Prototype Of Portlet Framework

As of Month 18, the Portals Work Package (WP4) had completed a prototype implementation of the portlet framework. This framework, called GridSphere, was made available via CVS (Concurrent Version System) to all GridLab partners and to select partners outside of the GridLab project. As of Month 18, the Portlet JSR (Java Specification Request 168) had not been ratified. The Portlet JSR defines an API for composing Web content as "portlets", or windows within a web page that have clearly defined interface and lifecycle within a Web application. GridSphere is intended to be a Portlet JSR implementation. The growing popularity of the Portlet JSR means it will be one day be possible to share the functionality developed in GridSphere with other Portlet JSR "containers", that is, web applications that can host portlets. The GridSphere framework is under constant revision, however, as the Portlet JSR awaits ratification from members of the Java Community Process (JCP). More information about GridSphere can be found at <http://www.gridisphere.org>.