

PROJECT INTRODUCTION

Objectives

To build a media rich portal specifically to meet the needs of the Media Grid communities.

Project Investigator / Manager

A/Prof. Lee Bu-Sung, Francis
 Nanyang Technological University
 ebslee@ntu.edu.sg

Period of Project

01 Dec 2004 – 30 Nov 2006

Website

<http://ntu-cg.ntu.edu.sg:8580/uPortal>

Abstract

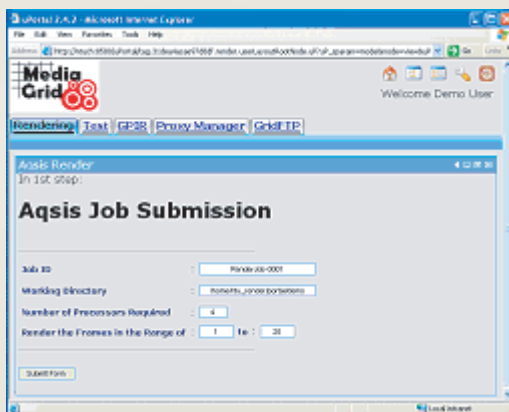
The Grid portal provides an environment where the user can access Grid resources, execute and monitor Grid jobs, and collaborate with other users. The media Grid portal supports digital media processing, delivery, and storage in the Grid. In order to make the Grid portal modular and scalable for the large scale Grid environment, the portal follows JSR 168 and WSRP standards.

PROJECT DETAILS

Description

One of the major issues that has been addressed by the Grid research communities is the ease of access. To reach out to the general users, it is essential to build the Grid portals. The portal provides a web-based authentication and access to the Grid resources.

The media portal is a point of access to the Grid environment to carry out the computing tasks for various media. Through the media portal, the user can access Grid resources, execute and monitor Grid jobs, and collaborate with other users on the media rich work.



We build a media rich portal specifically to meet the needs of the media Grid community. The media portal aims to support digital media processing, delivery, and storage. The media could be in the forms of audio, video, image, animation and graphics.

Our media Grid portal is implemented in compliance with JSR 168 portlet standard. Therefore, the portlets can be easily integrated with the existing portals that are built upon the containers supporting Portlet API.

