



Contribution ID: 455

Type: **Poster**

Integration of WS-PGRADE/gUSE portal and DIRAC

Tuesday, 22 May 2012 13:30 (4h 45m)

The gUSE (Grid User Support Environment) framework allows to create, store and distribute application workflows. This workflow architecture includes a wide variety of payload execution operations, such as loops, conditional execution of jobs and combination of output. These complex multi-job workflows can easily be created and modified by application developers through the WS-PGRADE portal. The portal also allows end users to download and use existing workflows, as well as executing them.

The DIRAC framework for distributed computing, a complete Grid solution for a community of users needing access to distributed computing resources, has been integrated into the WS-PGRADE/gUSE system. This integration allows the execution of gUSE workflows in a distributed computing environment, thus greatly expanding the capability of the portal to several Grids and Cloud Computing facilities.

The main features and possibilities of the WS-PGRADE/gUSE-DIRAC system, as well as the benefits for users, will be outlined and discussed.

Student? Enter 'yes'. See <http://goo.gl/MVv53>

No

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Session Classification: Poster Session

Track Classification: Distributed Processing and Analysis on Grids and Clouds (track 3)