

SCMS-EMI: universal web-based user interface to work in the Grid environment (ARC / gLite / UNICORE)

Thursday, 19 September 2013 09:00 (3 hours)

Printable Summary

The SCMS-EMI project started in 2009 in order to provide scientists with a simple and convenient tool for HPC computing. The 20 min presentation will describe the steps taken in a simple example and the lessons we learned in the process. The problem understandable and accessible to the user interface software is relevant and important for all types of software. This is especially true of HPC where traditional interfaces for user access are very specific and require additional technical knowledge.

In addition to its specific scientific field, working with a supercomputer user must understand the operating system cluster, the process of running tasks, work with compilers etc.

The development of grid technology and cloud services did not improve the current state of affairs and has led to the emergence of additional level of complexity.

The SCMS-EMI is an attempt to offer a complete solution for scientists who can be re-used the system for their own Science gateway.

Description of Work

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Relevant URL (if any)

<http://scms.pro>

Preferred Day if any (Demos - Mon, Tue, Wed)

Thu

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Session Classification: EGI Demo Booth 2

Track Classification: Virtual Research Environments and Enabling Technologies (Gergely Sipos, Peter Solagna)