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EMI 2 Matterhorn - tutorial for system administrators

Wednesday, 19 September 2012 11:00 (10 minutes)

Description of the work

This system administrator oriented tutorial is based on the second release of the EMI middleware, EMI-2 "Matterhorn".
It will provide an overview of the EMI services for Computing and Data Services, providing then a practical tutorial about the installation and configuration of the most used services, giving concrete examples and highlighting best practices and most common mistakes.

Link for further information

http://www.eu-emi.eu

Wider impact of this work

EMI products are increasingly being adopted from NGI's. This training is directed mainly toward new grid system administrators, although also experienced ones can find it beneficial by refreshing their knowledge.

Printable Summary

The European Middleware Initiative (EMI) delivers a consolidated set of middleware components for deployment in Distributed Computing Infrastructures, extending the interoperability between grids and other computing infrastructures, strengthening the reliability of the services, and establishing a sustainable model to maintain and evolve the middleware that will fulfil the requirements of user communities. EMI middleware is not built from ground up, but rather, it delivers a consolidated and streamlined set of services and components from existing middleware projects ARC, gLite, UNICORE and dCache by re-factoring existing components. It also defines and implements standards and phases out duplicate or obsolete components from the original middleware stacks. The middleware components are divided into four areas (Compute, Data, Security, Infrastructure). This tutorial will show how to install and configure the most commonly used services for job and data management.

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Session Classification: EMI 2 Matterhorn - tutorial for system administrators

Track Classification: Resource Infrastructure services (Peter Solagna: track leader)