EUROPEAN MIDDLEWARE INITIATIVE

The European Middleware Initiative

Advanced services for Distributed Computing Infrastructures

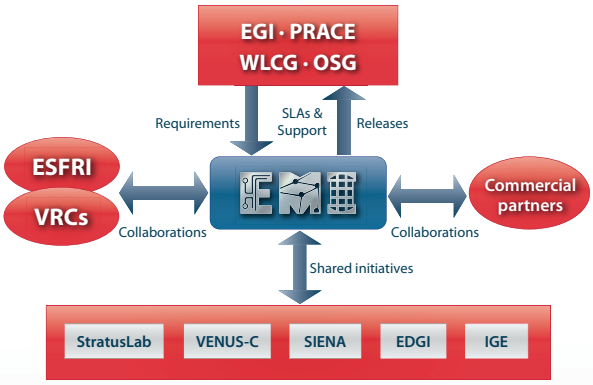
EMI brings together the major European Middleware providers - ARC, gLite, UNICORE and dCache - to establish a sustainable model for the support, harmonisation and evolution of core middleware services for deployment in EGI, PRACE and other DCIs.

The project implements several practices that are common in commercial software development; in particular, practical support and development activities are articulated by Product Team, within four main technical areas: Compute, Data, Security and Infrastructure.

EMI will work with other global middleware providers and technology partners to ensure that the European middleware evolves in synchrony with its global environment.

The consolidated middleware resulting from EMI will bridge the differences between infrastructures, offering the potential for deploying new scientific applications.

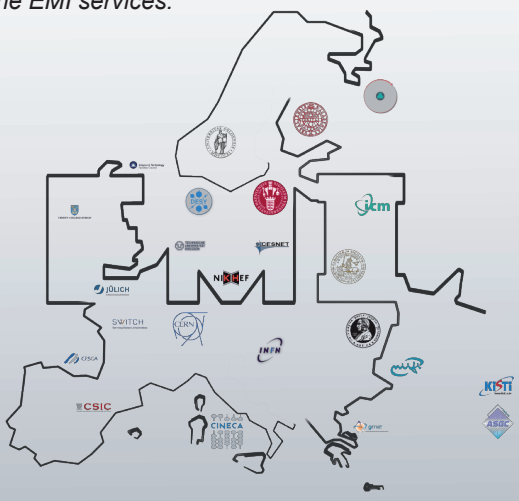
EMI will allow end users to access resources such as high-throughput compute farms and leading-edge super computers in a coherent, secure and seamless fashion.



EMI's work is tightly coupled with the evolution of the DCIs (EGI, PRACE, ...), including seamless help desk support, a joint roadmap, and several levels of technical and PR activities; additionally, the DCIs are consulted in regards to high-level EMI technical development plans;

A special technical collaboration can be established under the Works with EMI program, which is dedicated to software providers who develop applications that make use of the EMI middleware services, or who develop additional middleware or distributed computing services extending or complementing the functionality of the EMI services.

Works with



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