Automatic Deployment and Execution of Applications using Cloud Services.

Wednesday, 10 April 2013 11:00 (15 minutes)

Summary

Setting up the required computing environment is a serious overhead for the everyday work of researchers. Generic multi-purpose clusters cannot accommodate all different compiler/libraries options needed by the software packages without disturbing the work of everyone or generating an unsustainable work overhead to the system administrator.

This mini-project will design and implement a new service model for EGI that will use the cloud resources within EGI's Federated Cloud Testbed for allowing researchers to deploy the Virtual Research Environments encapsulated in virtual machines they need for their resources. This task will be led by CSIC with FCTSG.

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