

EGEE and interoperation

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Over recent years a number of grid infrastructure projects such as EGEE have emerged that are now the computing backbones for various user communities. EGEEs infrastructure comprises of application independent services provided by the glite middleware, which enables the user communities to access the computing resources at various computing centres around the world. Since many of the applications supported by EGEE are also using other infrastructures, it is important that EGEE is able to interoperate with other infrastructures. EGEEs grid interoperation activities are trying to bridge these differences and enable the users communities to gain access resources independent of their grid project affiliation. This presentation gives an overview of glite middleware stack and the different methods that can be used to bridge the differences between grids. Actual use cases encountered during the last three years are discussed and the most important interfaces required for interoperability are highlighted. A summary of the standardisation efforts in these areas is given and EGEEs strategy towards the definition and the implementation of international standards is presented.