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Application Porting using DRMAA and Globus GridWay on the EGEE Infrastructure

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The DRMAA specification aims to provide all the high level functionality which is necessary for an application to consign a job to a DRM system including common operations on jobs like termination or suspension. This Open Grid Forum specification is implemented by Globus GridWay, which is a widely-used metascheduling technology that performs job execution management and resource brokering, allowing unattended, reliable, and efficient execution of jobs, job arrays, and workflows on heterogeneous and dynamic Globus Grids. This talk covers two porting use cases of Bioinformatics applications that took advantage of these tools, that will be explained in detail, and are actually running in production state on the EGEE infrastructure.

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