

Connecting ClusterGrid and P-GRADE Portal

ClusterGrid is the first real production GRID developed in Hungary, whose popularity may be increased by the usability of the P-GRADE Portal developed by the LPDS of MTA-SZTAKI. P-GRADE Portal assists the user with convenient graphic tools to define workflow of jobs, to submit them to remote Grid resources, to observe them graphically and to retrieve their results. P-GRADE Portal has been originally built over GLOBUS middleware and accessed the resources permitted by the Grid Security Infrastructure directly. This paper covers the extension of the P-GRADE Portal enabling the job submissions via the job scheduler of the ClusterGrid. Furthermore the paper outlines the solution of problems arising by the implementation of the monitoring service, a service making the use of P-GRADE portal especially attractive for end-users.