

Application Porting Support Group

The Enabling Grids for E-science (EGEE) user community runs applications from scientific domains as diverse as multimedia, finance, archaeology and civil protection. To help the user community take advantage of the benefits of grid computing, EGEE provides a range of support services to its users. A new feature of the project's third phase, EGEE-III, is an Applications Porting Group to help users enable applications on the EGEE grid.

How it works

Experts from the porting team work closely with application owners to understand their requirements and to identify suitable approaches, tools for the porting process and to set realistic and feasible porting scenarios. Intensive workshops and personalized training events organized by the team ensure that application owners become expert on porting tools that are relevant for them and can quickly and efficiently perform the porting process with the help of the porting team.

The support cycle starts with the client completing an "Application Description Template" for the support group. This document reveals the current status of the application, the targeted grid usage scenario and identifies those aspects of the application that may cause difficulties during the porting process.

After the complexity of the porting problem is understood, a porting expert is assigned to the client. The expert's responsibility is to define the roadmap for the porting, to allocate resources, to coordinate the porting process and to ensure that the final application will meet the targeted requirement.

Clients of the support group might need to travel to one of the specialized porting centres across Europe (SZTAKI in Hungary, INFN in Italy, UCM and CSIC in Spain) for face-to-face interaction and hands-on development meetings in order to speed the porting process. In such cases the EGEE "Coordinating community effort" fund can subsidize travel for clients. Alternatively, members of porting team can travel as appropriate to work directly with clients.

Get involved

Any academic or industrial application developer with demands for large number of computational and data storage resources is welcome. For non-commercial applications the support service is provided for free. For commercial applications the fee is estimated after the initial analysis of the work.

The webpage of the EGEE application porting team is available at www.lpds.sztaki.hu/gasuc. Here you can find further information about current applications, past success stories and how to apply.

Group Contact

Gergely Sipos (MTA SZTAKI)
email: sipos@sztaki.hu
phone: +36 12796065
web: www.lpds.sztaki.hu/gasuc

Last Update: 25/07/2008