



Contribution ID: 212

Type: **not specified**

EGI Applications Database

Wednesday, 28 March 2012 16:30 (20 minutes)

The EGI Applications Database (AppDB) is a service that stores information about scientific applications, reusable application development tools, and about the programmers and scientists who have developed and use them. The application entries in the AppDB embrace information from various scientific fields, ranging from protein sequences analysis, through earthquake modelling, to workflow and portal frameworks. The registered tools provide services for those developers who wish to enable/connect new scientific applications to the European Grid Infrastructure. Having a searchable catalogue of reusable applications and developer tools means that scientific communities can spend less time developing and integrating their own software with EGI, and that they can, thus, spend more time on delivering science. The AppDB helps these communities identify related and reusable services, modules, and frameworks, whether they want to develop a new algorithm or want to run a widely used application on EGI. Through the contacts that are also available in the system one can obtain further information about the stored applications and tools. The presentation provides an overview of the system and its recently implemented and planned capabilities.

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Session Classification: VRC Support Platform