Business objective driven reliable and intelligent Grids for real Business

From 2006-09-01 to 2009-08-31 | BREIN Website

Objective

Most current Grid solutions show little or no focus on the business needs of organisations and/or individuals, thus making it difficult for these entities to adapt their services accordingly to meet these goals. This is partially due to the complex structure of these frameworks, and partially due to the lacking support for abstract issues, as these Grid frameworks generally focus either on the virtual organisation or (on the individual entity. The BREIN project aims at compensating these deficiencies by taking a more "user-centric" approach towards a framework, thus increasing interest in Grid frameworks and decreasing integration effort. In summary, BREIN will develop a framework that allows business entities easy deployment of their services that pursue the respective business goals. BREIN will enhance common (web) services to intelligently and autonomously pursue business needs as specified by the respective service provider.

To this end, BREIN will make use of results from projects like TrustCOM or NextGrid with respect to dynamic virtual organisations, security issues etc. with an explicit focus on the participant/s business needs. The expertise of the business partners from all over Europe, will ensure that an according set of requirements will be generated.

Its main innovation will be the provision of all required functionalities to render a service provider capable of realising and optimising its business goals with minimum effort. To this end, BREIN will combine the flexibility and stability of Grid-technologies with the intelligence and adaptability of AI technologies, namely Agent theory, planning and optimisation strategies and semantic web.
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