ANNOTATION

for the bachelor's work of Sergii Kostiantynovych Rykovskyi

«Automatic service composition and process coordination the semantic Grid environment»

Research paper is devoted to analysis of industry composition of services. Some existing systems both manual and semiautomatic composition of services, and some approaches that can really bring the development of an automated system closer. Work results in a proposed model, which is the result of the analysis of information, so it is a combination of different views on the process of service discovery and composition. Consideration of the main theme begins by providing information about basic concepts and specifications that are behind the service-oriented architecture and grid environments and tools for knowledge formalization.

Total amount of pages - 105, of which the main part - 97 pages, 24 illustrations, 3 tables, 2 appendices, 37 bibliographical items.

Keywords: Grid, Semantic Grid, service composition, grid-services, automation, knowledge engineering.