SEMANTIC TECHNIQUES IN MANAGEMENT INFORMATION SYSTEMS

Summary

The article presents the problem of application the semantic techniques for selection and evaluation of Management Information Systems in ERP class. Dynamic development of Management information systems domain and high costs of ERP systems cause that the problem of adaptation the suitable information system for the enterprise needs is one of the most important issues. Moreover the high percentage of IT implementation failures indicates the huge role of proper choice of COTS ERP systems.

In this article the problem of adaptation semantic techniques for standardization of effective COTS ERP systems selection was proposed. Additionally, the problem of building an ontology for COTS ERP systems based on GoodRelations was described. Moreover this article proposes the practical example for ERP COTS system ontology presenting the insert information system. Generally the aim of this ontology is to systematize knowledge about system functionalities. Furthermore using the ontology is not necessary for a decision-maker to have a broad knowledge about systems and their functionalities and even so he can make a reasonable choice.

Translated by Agnieszka Konys