SEMANTIC WEB BASED APPLICATION FOR KNOWLEDGE MANAGEMENT IN BUSINESS FLOWS

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Abstract: This article presents the architecture of a framework designed to facilitate the interoperability between organizations based on knowledge management. The framework has four components: business flow design, rules developing, semantic networks and ontologies design, automated semantic web service composition. The latter, is based on fractals theory and agent supervision so that to determine the boundaries of the research environment and to enhance composition performance.

Keywords: semantic web, business, knowledge, interoperability, services, fractals

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