Abstract

The purpose of this research are 1) build a new method of SOA-based integration by combining SOAD and MDA, 2) validate the new method by testing the applicability of the
SOA-based integration (eShop applications) using Web Service, Enterprise Service Bus, and Business Process Execution Language. The results of this research are a new method of SOA-based integration that results of MDA, SOAD and OOAD combined. This new method has been successfully used to perform analysis, design and implement of SOA-based integration with results 6 business process, 18 Web Services, and 6 composite applications.

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Index Terms

Computer Science
Information Sciences

Key words

SOA
Web Services
BPEL
Enterprise Service Bus

MDA