

Abstract

The data which needed by the business process might not only gained from its business process but it might be from other business process or even from other division. Nowadays, data passing in message passing level using web services is the most developing data passing mechanism. RadiusFrontEnd is an application that wrap the database (radius) into services using web services technology, thus, the data which has been processed in radius can be used by other application using services have been built. RadiusFrontEnd is categorized as entity-centric business services because the services representing a database. In fact that the varieties of programming language are used in build an application (web services requestor), the need of interoperability of web services is very important for services that have been built are able to interact with other application well. Interoperability test using Basic Profile 1.1 specifications by Web Services Interoperability Organization (WS-I) showed that the Web Services Description (WSDL) of RadiusFrontEnd services, that are Paket Radius Service and Usage Monitoring Radius Service have passed the interoperability of language programming test.

Keywords: web services, WSDL, interoperability, basic profile, WS-I, Entity-centric business service