Abstract

Quality of Service (QoS) support in web services plays a great role for the success of web service selection. There exist many web services which has similar functional characteristics. Therefore, the massive growth of web services and also the forked view of services by both the parties (service provider and service consumer) make the task of service selection a complex job. To resolve this issue on divergent view of services, and to select an appropriate services, this paper propose Service discovery and selection model based on QoS Negotiation model that aims to facilitate the service selection process to consumer. QoS Negotiation model is responsible for creating negotiation with the service provider about the services that accept negotiation on its QoS attributes. After the success of negotiation process the service provider update the value of services attribute in the UDDI. The results show that the negotiation model enhances the discovery system performance and usability.
A Web Service Discovery based on QoS Negotiation Approach

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Index Terms

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