Abstract

Service orientation has become the most significant technology for businesses to reach their customers in an efficient manner. For end users sake B2B era of web is getting changed to B2C era of web by introducing possible support methodologies to the customers. One of the main factors that have to be taken into consideration in this B2C era of web services is quality of services (QoS). Different optimization methodologies were introduced in order to improve the performance of the services during its delivery to the clients. (Application level). But we argue that – every optimization methodology has some amount of uncertainty in measuring the QoS of the services and in specific no defined methodology for QoS management is provided at the end user access level. Hence we use a dynamic proxy which directly detects the QoS of the services during run time and select the best among them for the end users. This dynamic proxy
Reduction of Uncertainty in Optimization of Web Services using Dynamic Proxy Method

helps in selecting the best service according the user interests thereby increases the accessibility, utility and robustness of the web service domain.

References

- Qianhui Liang, Member, IEEE, Xindong Wu, Senior Member, IEEE, and Hoong Chuin Lau; Optimizing Service Systems Based on Application-Level QoS; IEEE Transactions on Services Computing, Vol. 2, No. 2, April-June 2009.

Index Terms

Computer Science  Information Sciences

Keywords

Web Services  QoS  Functional Factors  Non – Functional Factors