

HANDLING REST REQUESTS FOR SOAP WEBSERVICES

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ABSTRACT

In the current IT world, data sharing plays a vital role in business functionality. Data is shared in various formats via different protocols. One of the standard and sophisticated solutions is by use of web services. Web services provide all major features that support data handling operations viz. data conversion, data modification, data exchange within cross domain(s). Using SOA (Service Oriented Architecture) approach is one of the widely accepted industry standard. Web services designed using SOA approach provide features such as platform independence and universal data exchange formats.

SOAP (Simple Object Access Protocol) web services are one of the various implementations of SOA approach. However, by using SOAP architecture exposing business solutions to the client applications some issues may arise pertaining to data exchange. The problem here lies within the implementation standard of SOAP web services which put certain restrictions on data transmission. This paper provides simpler design solutions for handling all sorts of Client platforms using various data exchange formats.

KEYWORDS: Web Services, SOAP Web Service, REST Web Service, SOAP-REST Conversion