

# Brief description of JAX-RPC

In my research into SOAP libraries I have repeatedly come across the term JAX-RPC the purpose of this discussion is to find out exactly what it is and what its involvement is with regard to SOAP libraries. This is not intended as a detailed description of JAX-RPC but as a reference document that summarises the key elements of JAX-RPC.

What is Jax-RPC?

The Java API for XML-based-remote procedure call enables java technology developers to develop SOAP based interoperable and portable web services. JAX-RPC provides the core API for developing and deploying web services on the java platform.

Developers use the standard JAX-RPC programming model to develop SOAP based web services clients and endpoints.

A web service endpoint is described using a web Services Description language document. JAX-RPC enables JAX-RPC clients to invoke web services developed across heterogeneous platforms. Likewise JAX-RPC web service endpoints can be invoked by heterogeneous clients. JAX-RPC is about web-services interoperability across heterogeneous platforms and languages.

JAX-RPC requires SOAP over HTTP for interoperability. JAX-RPC provides support for SOAP message processing model through the SOAP message handler functionality.

This enables developers to build SOAP specific extensions and any other facility based on the SOAP messaging.

JAX-RPC uses SAAJ API for SOAP message handlers. SAAJ provides a standard java API for constructing and manipulating SOAP messages with attachments.

<http://java.sun.com/webservices/docs/1.1/tutorial/doc/>