JAX-WS programming model

Java™ API for XML-Based Web Services (JAX-WS), which is also known as JSR-224, is the next generation Web services programming model that extends the foundation provided by the Java API for XML-based RPC (JAX-RPC) programming model. Using JAX-WS, developing Web services and clients is simplified with greater platform independence for Java applications by the use of dynamic proxies and Java annotations. The Web services tools included in this product support JAX-WS 2.0 and 2.1.

> JAX-WS is a new programming model that simplifies application development through support of a standard, annotation-based model to develop Web Service applications and clients. The JAX-WS programming standard strategically aligns itself with the current industry trend toward a more document-centric messaging model and replaces the remote procedure call programming model as defined by JAX-RPC. Although this product still supports the JAX-RPC programming model and applications, JAX-RPC has limitations and does not support many current document-centric services. JAX-WS is the strategic programming model for developing Web services and is a required part of the Java EE 5 platform.