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# Java EE 6 Develop Web Services with JAX-WS & JAX-RS Ed 1

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This Develop Web Services with JAX-WS & JAX-RS training teaches business component and client developers how to design, implement, and deploy web services and web service clients. Do so Java technology components and the Java Platform, Enterprise Edition 6 SDK.

## Objectives

- Apply the JAX-RS API in the creation of RESTful Web Services
- Secure Web Services using WS-Security, Jersey, and OAuth
- Handle errors and exceptions in Web Services and clients
- Create XML documents using namespace declarations and XML schema
- Produce and consume XML and JSON content using JAXB
- Create RESTful Web Service clients using the Jersey Client API
- Understand the role of Web Services
- Apply the JAX-WS API in the creation of SOAP Web Services and clients

## Topics

- An Introduction to Web Services
- XML
- JAXB
- SOAP Web Services
- Creating JAX-WS Clients
- RESTful Web Services
- Creating RESTful Clients in Java
- Bottom-Up JAX-WS Web Services
- Top-Down JAX-WS Web Services
- JAX-RS RESTful Web Services
- Web Service Error Handling
- Security Concepts
- WS-Security
- Web Service Security with Jersey
- OAuth 1.1a with Jersey