
Developing XML Solutions with JavaServer Pages Technology

XML (eXtensible Markup Language) is a set of syntax rules and guidelines for defining text-based markup languages. XML languages have a number of uses including:

- Exchanging information
- Defining document types
- Specifying messages

Information that is expressed in a structured, text-based format can easily be transmitted between, transformed, and interpreted by entities that understand the structure. In this way XML brings the same cross-platform benefits to information exchange as the Java™ programming language has for processing.

JavaServer Pages™ (JSP™) technology provides specification and serving of documents that combine static markup language elements and elements created dynamically by Java programming language objects. JSP pages execute as Java servlets, typically in the execution context of a Web server where they generate content-dependent response documents using data stored in databases and in other server-based application objects. JSP technology is a Java technology with specifications developed with broad industry participation through the Java Community Process (JCP). Application servers and development tools that support JSP technology are available from multiple vendors (including open source groups) for a broad range of hardware-OS platforms.

JSP technology provides a number of capabilities that are ideally suited for working with XML. JSP pages can contain any type of text-based data, so it is straightforward to generate documents that contain XML markup. Also, JSP pages can use the full power of the Java platform to access programming lan-

Developing Xml Solutions

AW Rasmussen



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