



## XMLBeans

### Introduction

XMLBeans provides intuitive ways to handle XML that make it easier for you to access and manipulate XML data and documents in Java.

### Characteristics of XMLBeans approach to XML

- It provides a familiar Java object-based view of XML data without losing access to the original, native XML structure.
- The XML's integrity as a document is not lost with XMLBeans. XML-oriented APIs commonly take the XML apart in order to bind to its parts.
- With XMLBeans, the entire XML instance document is handled as a whole. The XML data is stored in memory as XML. This means that the document order is preserved as well as the original element content with whitespace.
- With types generated from schema, access to XML instances is through JavaBean-like accessors, with get and set methods.
- It is designed with XML schema in mind from the beginning — XMLBeans supports all XML schema definitions.
- Access to XML is fast.
- The starting point for XMLBeans is XML schema. A schema (contained in an XSD file) is an XML document that defines a set of rules to which other XML documents must conform.

Note: Where an XML schema defines rules for an XML document, an XML instance is an XML document that conforms to the schema.

### XMLBeans Works As

Compiling a schema (XSD) file to generate a set of Java interfaces that mirror the schema. With these types, you process XML instance documents that conform to the schema. You bind an XML instance document to these types; changes made through the Java interface change the underlying XML representation.

### Referenced links

- <http://xmlbeans.apache.org/docs/2.0.0/guide/conGettingStartedwithXMLBeans.html>
- <http://xmlbeans.apache.org/>

### Sample

Name	Size	Creator	Creation Date	Comment
<a href="#">Employee.xsd</a>	0.6 kB	MULLAIKANI A.	Jul 20, 2012 10:25	
<a href="#">XmlBean.java</a>	0.7 kB	MULLAIKANI A.	Jul 20, 2012 10:27	Parsing xml using Xmlbean
<a href="#">Employee.xml</a>	0.6 kB	MULLAIKANI A.	Jul 20, 2012 10:26	Employee Xml
<a href="#">Employee.jar</a>	17 kB	MULLAIKANI A.	Jul 20, 2012 10:55	Employee jar created for XML which has Document Object