

Java Parse Xml Document Example

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```
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```

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How to parse xml file in Java or how to read xml file in java is one of common need of a Java Developer working with enterprise Java application which uses XML for data representation, messaging and data transfer. Java has good support to handle XML files and XML Documents and you can read XML File in Java, create or write to XML file in Java by using various XML parsers available.

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The DOM or SAX parser parses input XML documents. For example, the program can parse XML data documents, DTDs, XML schemas, and XSL stylesheets. If you implement a validating parser, then the processor attempts to validate the XML data document against any supplied DTDs or XML schemas.

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JAVA provides excellent support and a rich set of libraries to parse, modify or inquire XML documents. This tutorial will explain various types of JavJava-based parsers in a simple and intuitive way. We will also learn how to convert an object to/from XML using JAXB API in Java.

~~Java XML Tutorial with Examples~~

In this tutorial, we will show you how to read an XML file via DOM XML parser. DOM parser parses the entire XML document and loads it into memory; then models it in a “TREE” structure for easy traversal or manipulation. In short, it turns a XML file into DOM or Tree structure, and you have to traverse a node by node to get what you want.

~~How to read XML file in Java – (DOM Parser) – Mkyong.com~~

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~~XML Parser – W3Schools~~

To compile and run the event example, in a terminal window, go to the `INSTALL_DIR/jaxp-version/samples/` directory and type the following: `javac -classpath ../lib/jaxp-ri.jar stax/event/.java`. Run the EventParse sample on the BookCatalogue.xml file, with the following command.*

~~*Example Code (The Java™ Tutorials > Java API for XML...*~~

~~*Let us look at the below example that reads and parses the XML file, we have just created above, using DOM XML parser: try { // parse XML file to build DOM DocumentBuilder builder = DocumentBuilderFactory.newInstance().newDocumentBuilder(); Document dom = builder.parse(new File("file.xml")); // normalize XML structure dom.normalizeDocument(); // get root element Element root = dom.getDocumentElement(); // print attributes System.out.println("ID: " + root.getAttribute("id")); // print ...*~~

~~*Reading and Writing XML in Java – Atta-Ur-Rehman Shah*~~

~~*JDOM Parser, Java Read XML file to Object, JDOM Example, JDOM Tutorial, JDOM Parser Example, org.jdom2, JDOM 2, JDOM API, DOMBuilder, SAXBuilder, JDOM class*~~

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