

JAVA JDOM PARSER - CREATE XML DOCUMENT

http://www.tutorialspoint.com/java_xml/java_jdom_create_document.htm

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Demo Example

Here is the XML we need to create:

```
<?xml version="1.0" encoding="UTF-8"?>
<cars>
  <supercars company="Ferrari">
    <carname type="formula one">Ferrari 101</carname>
    <carname type="sports">Ferrari 202</carname>
  </supercars>
</cars>
```

Demo Example:

CreateXmlFileDemo.java

```
import java.io.IOException;

import org.jdom2.Attribute;
import org.jdom2.Document;
import org.jdom2.Element;
import org.jdom2.output.Format;
import org.jdom2.output.XMLOutputter;

public class CreateXmlFileDemo {
    public static void main(String[] args) {

        try{
            //root element
            Element carsElement = new Element("cars");
            Document doc = new Document(carsElement);

            //supercars element
            Element supercarElement = new Element("supercars");
            supercarElement.setAttribute(new Attribute("company", "Ferrari"));

            //supercars element
            Element carElement1 = new Element("carname");
            carElement1.setAttribute(new Attribute("type", "formula one"));
            carElement1.setText("Ferrari 101");

            Element carElement2 = new Element("carname");
            carElement2.setAttribute(new Attribute("type", "sports"));
            carElement2.setText("Ferrari 202");

            supercarElement.addContent(carElement1);
            supercarElement.addContent(carElement2);

            doc.getRootElement().addContent(supercarElement);

            XMLOutputter xmlOutput = new XMLOutputter();

            // display ml
            xmlOutput.setFormat(Format.getPrettyFormat());
            xmlOutput.output(doc, System.out);
        }catch(IOException e){
            e.printStackTrace();
        }
    }
}
```

This would produce the following result:

```
<?xml version="1.0" encoding="UTF-8"?>
<cars>
  <supercars company="Ferrari">
    <carname type="formula one">Ferrari 101</carname>
    <carname type="sports">Ferrari 202</carname>
  </supercars>
</cars>
```