

JSTL XML <X:TRANSFORM> TAG

http://www.tutorialspoint.com/jsp/jstl_xml_transform_tag.htm

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The <x:transform> tag applies an XSL transformation on a XML document.

Attribute:

The <x:transform> tag has following attributes:

Attribute	Description	Required	Default
doc	Source XML document for the XSLT transformation	No	Body
docSystemId	URI of the original XML document	No	None
xslt	XSLT stylesheet providing transformation instructions	Yes	None
xsltSystemId	URI of the original XSLT document	No	None
result	Result object to accept the transformation's result	No	Print to page
var	Variable that is set to the transformed XML document	No	Print to page
scope	Scope of the variable to expose the transformation's result	No	None

Example:

Consider the following XSLT stylesheet style.xsl:

```
<?xml version="1.0"?>
<xsl:stylesheet xmlns:xsl=
"http://www.w3.org/1999/XSL/Transform" version="1.0">

<xsl:output method="html" indent="yes"/>

<xsl:template match="/">
  <html>
  <body>
    <xsl:apply-templates/>
  </body>
  </html>
</xsl:template>

<xsl:template match="books">
  <table border="1" width="100%">
    <xsl:for-each select="book">
      <tr>
        <td>
          <i><xsl:value-of select="name"/></i>
        </td>
        <td>
          <xsl:value-of select="author"/>
        </td>
        <td>
          <xsl:value-of select="price"/>
        </td>
      </tr>
    </xsl:for-each>
  </table>
</xsl:template>
```

```
</xsl:stylesheet>
```

Now consider the following JSP file:

```
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix="x" uri="http://java.sun.com/jsp/jstl/xml" %>

<html>
<head>
  <title>JSTL x:transform Tags</title>
</head>
<body>
<h3>Books Info:</h3>
<c:set var="xmltext">
  <books>
    <book>
      <name>Padam History</name>
      <author>ZARA</author>
      <price>100</price>
    </book>
    <book>
      <name>Great Mistry</name>
      <author>NUHA</author>
      <price>2000</price>
    </book>
  </books>
</c:set>

<c:import url="http://localhost:8080/style.xsl" var="xslt"/>
<x:transform xml="${xmltext}" xslt="${xslt}"/>

</body>
</html>
```

This would produce following result:

Books Info:

<i>Padam History</i>	ZARA	100
<i>Great Mistry</i>	NUHA	2000