

Remote API

The <alt> XML Studio provides an XML-RPC API that may be used by external applications to visualize, transform, and search XML content. The XML-RPC server is automatically started at launch and runs on port 31000.



The webSdk.xml configuration file defines the <sdk-xmlrpc> element which has an auto-start and default port number for the XML-RPC server.

You can also manually start and stop the XML-RPC server through the XML-RPC menu item found on the menu bar as seen here:



The following method signature list relates to XML-RPC support:

Visualization API

1. public String visualizeSerializedXML (String xmlString)
2. public String visualizeURLAndOutputPNG (String urlString)
3. public String visualizeURLAndOutputPNG (String urlString, boolean outputPNG)
4. public String visualizeURL (String urlString)
5. public String hyperVisualizeSOAPWithAttachmentsFile (String pathString)
6. public String hyperVisualizeURL (String urlString)
7. public String hyperVisualizeURLUsingPullParser (
String urlString,
java.util.Vector elementsVector)
8. public String hyperVisualizeAndSerializeURLUsingPullParser (
String urlString,
java.util.Vector elementsVector,
String filePathString)
9. public String centerHyperDOMNode (String xpathString)

Code Generation API

```
10. public String generateXPathForEveryElement (
        String urlString,
        boolean includesAttributes)
11. public String generateXSLTemplatesFile (
        String xmlPathString,
        String xslPathString)
12. public String generateJavaDOMSourceFromFile (String srcPath, String outputPathString)
```

XPath and Search API

```
13. public String applyXPath (String xmlFilePathString, String xpathString)

14. public String findAttachmentDocumentWithMimeHeaderValue (
        String absolutePathString,
        String headerString,
        String valueString)

15. public String getHTMLContent (String urlString, String xpathString)
```

XSLT and Transformation API

```
16. public String transform (final String xmlFilePathString,
        String xslFilePathString,
        Vector parmsVector,
        String outputPathString)

17. public String processXSLTFile (String xslFilePathString)

18. public String processXSLTSource (String xslSourceString)

19. public String convertCSVFileToXML (String csvPathString, String xmlPathString)
```

Serialization API

```
20. public String serializeURLUsingPullParserAtIncrement (
        String urlString,
        String elementName,
        int serializeIncrement,
        String absoluteDirPathString)

21. public String serializeURLUsingPullParser (
        String urlString,
        java.util.Vector elementsVector,
        String filePathString)

22. public String parseFileUsingRegexAndFindSerializedElements (
        String pathString,
        String elementNameString,
        boolean isEmptyElement)

23. public String parseFileUsingRegexAndFindSerializedElementBetweenIncrements (
        String pathString,
        String elementName,
        boolean isEmptyElement,
        int beginIncrement,
        int endIncrement)

24. public String parseFileUsingRegexAndFindSerializedElementAtIncrement (
        String pathString,
        String elementNameString,
        boolean isEmptyElement,
        int extractIncrement)
```

Miscellaneous API

```
25. public String getInstallPath()

26. public String timeNow()
```