



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

Integrated Capture Points Guide

Apache CXF—Java Client

5/10/2025

Apache CXF—Java Client

To generate a Web Service Capture Point service proxy for Java use the `wsdl2java` tool:

```
wsdl2java -frontend jaxws21 -d <output directory> <WSDL URL>
```

For example:

```
wsdl2java -d c:\Temp\MyJSCClient
http://zoolander.us.int.genesyslab.com:10080/Genesys/Interaction/WSCP_812_zoo/
WebServiceCapturePoint?wsdl
```

The tool generates a set of files for the proxy.

Create a simple Java console application to ping the service:

```
import java.net.URL;
import javax.xml.ws.Holder;
import com.genesyslab.interaction.*;

public class Test {
    public static void main(String[] args) throws Exception {

        WebServiceCapturePoint service = new WebServiceCapturePoint(new
        URL("http://zoolander.us.int.genesyslab.com:10080/Genesys/Interaction/WSCP_812_zoo/
        WebServiceCapturePoint/?WSDL"));

        IWebServiceCapturePoint cp = service.getIWebServiceCapturePointHttpBinding();

        KVPairValue val = new KVPairValue();

        val.setValueString("I am coming from CXF client");

        KVPair pair = new KVPair();

        pair.setKey("Source");
        pair.setValue(val);

        KVList extList = new KVList();

        extList.getKvitem().add(pair);

        Holder<KVList> extension = new Holder<KVList>(extList);

        Holder<String> eventTime = new Holder<String>();
        Holder<KVList> userData = new Holder<KVList>();
        Holder<KVList> pingInfo = new Holder<KVList>();

        cp.ping(extension, eventTime, userData, pingInfo);

        System.out.println("Ping response time:" + eventTime.value);
        printKVList("PingInfo", pingInfo.value);
        printKVList("UserData", userData.value);
        printKVList("Extension", extension.value);
    }

    public static void printKVList(String name, KVList kvList) {
        printKVList(name, kvList, "");
    }
}
```

```

    }
    private static void printKVList(String name, KVList kvList, String shift) {
        if (null == kvList) {
            System.out.println(shift + name + "[KVList]=null");
        } else {
            System.out.println(shift + name + "[KVList]=");

            for (KeyValuePair pair : kvList.getKvitem()) {
                KeyValuePair value = pair.getValue();

                if (value.getValueInt() != null) {
                    System.out.println(shift + "\t" + pair.getKey() + "[int]="
                        + value.getValueInt());
                } else if (null != value.getValueList()) {
                    printKVList(pair.getKey(), value.getValueList(), shift
                        + "\t");
                } else {
                    System.out.println(shift + "\t" + pair.getKey()
                        + "[string]=" + value.getValueString());
                }
            }
        }
    }
}

```