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# Integrated Capture Points Guide

Generate Service Proxy with Axis2

# Generate Service Proxy with Axis2

This page provides an example of generating a Web Service Capture Point service proxy using the Axis2 plug-in. See the [list of tools](#) used to generate clients in this document.

The following sample demonstrates how to send a Ping request and to print out the contents of the PingResponse.

```
import com.genesyslab.www.interaction.WebServiceCapturePointStub.*;
import com.genesyslab.www.interaction.*;

public class TestWSCP {
    public static void main(String[] args) {
        try {
            WebServiceCapturePointStub serviceStub = new WebServiceCapturePointStub(
                "http://zoollander.us.int.genesyslab.com:10080/Genesys/Interaction/WSCP_812_zoo/
WebServiceCapturePoint");
            Ping ping = new Ping();

            KVList ext = new KVList();

            // create a string kv pair
            KVPair strPair = new KVPair();
            KVPairValue value = new KVPairValue();
            strPair.setKey("Source");
            value.setValueString("I am coming from axis2 client");
            strPair.setValue(value);

            // add this pair to the extension
            ext.addKvitem(strPair);

            // set extension
            ping.setExtension(ext);

            PingResponse response = serviceStub.Ping(ping);

            System.out.println("Ping response time:" + response.getEventTime());
            printKVList("PingInfo", response.getPingInfo());
            printKVList("UserData", response.getUserData());
            printKVList("Extension", response.getExtension());
        } catch (Exception e) {
            e.printStackTrace();
        }
    }

    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 (KVPair pair : kvList.getKvitem()) {
                KVPairValue value = pair.getValue();
                if (null != value.getValueList()) {
                    printKVList(pair.getKey(), value.getValueList(), shift

```

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