



Call VCLog WebSDK Interface using Java

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--Using MyEclipse6.5

1. Development Environment

- 1) Install JDK (Java Development Kit) version 1.6.0 and above. Version 1.7.0_17 is used in the demonstration.
- 2) Configure JDK related environment variables: java_home, path, classpath. Configuration steps will not be described in details.
- 3) Install MyEclipse software, version 6.5.0 is used in this demonstration.
- 4) Open MyEclipse6.5, go to Preferences configuration windows by open Windows -- > Preferences from toolbar. Expand Java -- > Installed JREs, click Add button, and add JRE directory from JDK installation in Step 1. Click Ok to complete, and select newly-added JRE as default JRE by tick the checkbox.

2. Code

- 1) Edit GenClientClass.bat file, modify service address as external service address configured in VLogWebSDK service, default as <http://127.0.0.1:9000/VLogWebSDK/WebSDK?wsdl>. Address <http://192.168.4.78:9000/VLogWebSDK/WebSDK?wsdl> is used in this demonstration; Modify the Java & Class files file path that auto-generated from above service address. D:\Java is used in this demonstration.
- 2) Open MyEclipse 6.5, create new Java Project, specify project name, "VLogWebSDKDemo" is specified in this demonstration, click Finish to complete create new project. Right-click src sub-directory under "VLogWebSDKDemo" directory in Package Explorer, select "New Class", add "WebSDKDemo" which including public static void main (string[] args) class method.
- 3) Navigate to new project directory, copy com folder (In src directory), com folder (In bin directory) from src directory which auto-generated from step 1 into corresponding directory under new project folder. If Java project already existed, skip Step 2 and follow Step 3 to copy the correspond files.
- 4) Import new added com.voicecyber.* package (Import com.voicecyber.*;) into VLog WebSDK connector java class file (WebSDKDemo.java), Start coding.

5) Edit the coding in WebSDKDemo.java:

```
package webSDKDemo;

import java.net.URL;
import javax.xml.namespace.QName;
import com.voicecyber.*;

public class WebSDKDemo {
    public static void main(String args[]) {
        System.out.println("Welcome VCLogWebSDK Demo!");
        boolean bContinue = true;
        int intOpt = 0;
        int intSize = 0;
        String strInput;
        byte[] byteBuffer = new byte[1024];
        URL baseUrl;
        URL url;
        IWebSDK sdkClient;
        WebSDKReturn sdkReturn;

        try {
            baseUrl = WebSDK.class.getResource(".");
            url = new URL(baseUrl,
                "http://192.168.4.78:9000/VCLogWebSDK/WebSDK?wsdl");
            WebSDK webSDK = new WebSDK(url, new
                QName("http://tempuri.org/",
                    "WebSDK"));
            sdkClient = webSDK.getBasicHttpBindingIWebSDK();

            while (bContinue) {
                System.out.println("Please select Operation:");
                System.out.println("100\tGetRefID");
                System.out.println("101\tGetFileHttpPath");
                System.out.println("102\tGetFilePathByReservedField");
                System.out.println("103\tUpdateRecordDataByExt");
                System.out.println("104\tUpdateRecordDataByID");
                System.out.println("200\tStartRecord");
                System.out.println("301\tGetRecordList");
                System.out.println("999\tClose");
                intSize = System.in.read(byteBuffer);
                strInput = new String(byteBuffer, 0, intSize - 2);
                try {
```

```

        intOpt = Integer.parseInt(strInput);
        switch (intOpt) {
            case 100:
                System.out.println("100\tGetRefID");
                System.out.println("Please input extension");
                intSize = System.in.read(byteBuffer);
                strInput = new String(byteBuffer, 0, intSize - 2);
                sdkReturn = sdkClient.getRefID(strInput);
                if (!sdkReturn.isResult()) {
                    System.out.println("Error\t" +
sdkReturn.getIntValue()
                                + "\t" +
sdkReturn.getMessage().getValue());
                    break;
                }
                System.out.println("Ref\t"
                                + sdkReturn.getStringValue().getValue());
                break;
            case 101:
                System.out.println("101\tGetFileHttpPath");
                System.out.println("Please input record
reference");
                intSize = System.in.read(byteBuffer);
                strInput = new String(byteBuffer, 0, intSize - 2);
                sdkReturn = sdkClient.getFileHttpPath(strInput);
                if (!sdkReturn.isResult()) {
                    System.out.println("Error\t" +
sdkReturn.getIntValue()
                                + "\t" +
sdkReturn.getMessage().getValue());
                    break;
                }
                System.out.println("FilePath\t"
                                + sdkReturn.getStringValue().getValue());
                break;
            // Operation list
            case 999:
                System.out.println("999\tClose");
                bContinue = false;
                break;
            default:
                System.out.println("Operation not support\t" +
intOpt);

```

```

        break;
    }
    } catch (NumberFormatException e) {
        // TODO: handle exception
        System.out.println("Input invalid\t" + strInput);
    }
}
} catch (Exception e) {
    // TODO: handle exception
    System.out.println("Error\t" + e.getMessage());
}
System.out.println("Demo ended.");
}
}
}

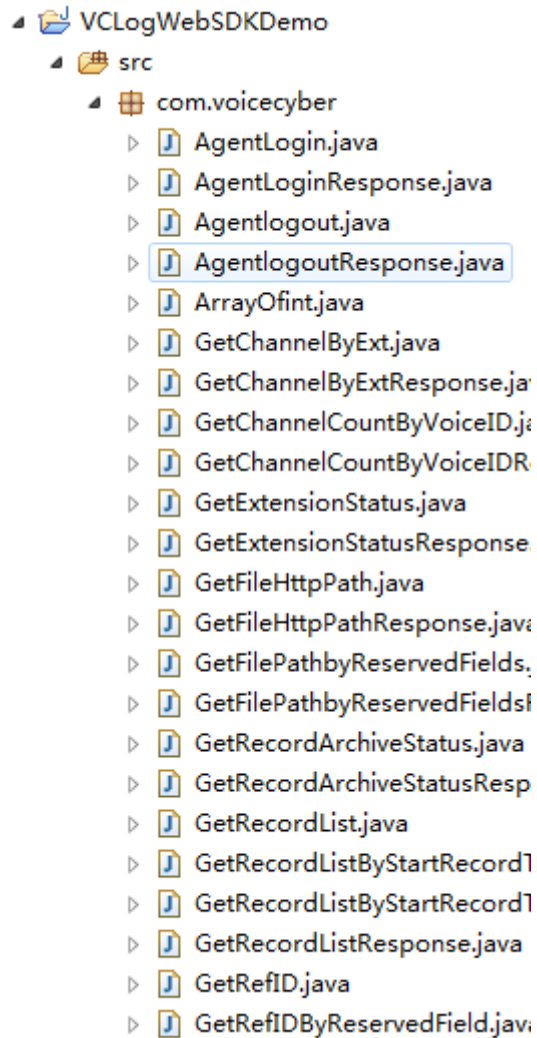
```

工程结构如下:

```

VCLogWebSDKDemo
├── src
│   ├── com.voicecyber
│   │   └── webSDKDemo
│   │       └── WebSDKDemo.java
│   ├── JRE System Library [jdk1.6.0_10]
│   └── GenClientClass.bat

```



运行效果：

```
Console X
<terminated> WebSDKDemo [Java Application] C:\Program Files\J
Welcome VCLogWebSDK Demo!
Please select Operation:
100      GetRefID
101      GetFileHttpPath
102      GetFilePathByReservedField
103      UpdateRecordDataByExt
104      UpdateRecordDataByID
200      StartRecord
301      GetRecordList
999      Close
100
100      GetRefID
Please input extension
1001
Ref      C0000020130801150759
Please select Operation:
100      GetRefID
101      GetFileHttpPath
102      GetFilePathByReservedField
103      UpdateRecordDataByExt
104      UpdateRecordDataByID
200      StartRecord
301      GetRecordList
999      Close
999
999      Close
Demo ended.
```