

CXF-WSDL-FIRST-JDBC

As jbi package

Installing smx4

Download from "<http://servicemix.apache.org/SMX4/download.html>"

Unzip it

```
cd /usr/local
```

```
tar xvfz apache-servicemix.tar.gz
```

Starting smx4

```
cd /usr/local/apache-servicemix-4.0.0/
```

```
./bin/servicemix
```

Creating WS

```
cd /usr/local/apache-servicemix-4.0.0/examples
```

```
cp -a cxf-wsdl-first cxf-wsdl-first-jdbc
```

Edit file "wsdl-first-cxfse-su/pom.xml"

```
<dependency>
  <groupId>mysql</groupId>
  <artifactId>mysql-connector-java</artifactId>
  <version>5.0.8</version>
</dependency>
<dependency>
  <groupId>org.springframework</groupId>
  <artifactId>spring-jdbc</artifactId>
  <version>2.5.6</version>
</dependency>
```

Edit file "wsdl-first-cxfse-su/src/main/resources/xbean.xml"

```
<bean id="moodleDB"
  class="org.springframework.jdbc.datasource.DriverManagerDataSource">
  <property name="driverClassName" value="com.mysql.jdbc.Driver" />
  <property name="url"
    value="jdbc:mysql://localhost:3306/moodle" />
  <property name="username" value="root" />
  <property name="password" value="" />
</bean>

<cxfse:endpoint>
  <cxfse:pojo>
    <bean class="org.apache.servicemix.samples.wsdl_first.PersonImpl" >
      <property name="dataSource" ref="moodleDB"/>
    </bean>
  </cxfse:pojo>
</cxfse:endpoint>
```

Edit file “wsdl-first-cxfse-su/src/main/java/org/apache/servicemix/samples/wsdl_first/PersonImpl.java”

```
import java.util.*;

import javax.sql.DataSource;
import org.springframework.jdbc.core.JdbcTemplate;
..

private DataSource dataSource;
private JdbcTemplate jdbcTemplate;

public void setDataSource(DataSource dataSource) {
    this.dataSource = dataSource;
    this.jdbcTemplate = new JdbcTemplate(dataSource);
}

public void getPerson(Holder<String> personId, Holder<String> ssn, Holder<String> name)
    throws UnknownPersonFault
{
    org.apache.servicemix.samples.wsdl_first.types.UnknownPersonFault fault = new
org.apache.servicemix.samples.wsdl_first.types.UnknownPersonFault();
    fault.setPersonId(personId.value);

    if (personId.value == null || personId.value.length() == 0) {
        throw new UnknownPersonFault(null, fault);
    }

    List result = this.jdbcTemplate.queryForList("select description, lastname from mdl_user where
username = ?", new Object[] {personId.value});
    if(result.size() != 1)
        throw new UnknownPersonFault(null, fault);

    Map record=(Map)result.get(0);
    name.value = record.get("lastname").toString();
    ssn.value = record.get("description").toString();

}
}
```

Deploying the WS

```
mvn clean instal
```

```
cp wsdl-first-cxf-sa/target/wsdl-first-cxf-sa-4.0.0.zip /usr/local/apache-servicemix-4.0.0/deploy/
```

Testing WS

Open with your browser the file “file:///usr/local/apache-servicemix-4.0.0/examples/cxf-wsdl-first-jdbc/client.html”