

Web Services Frequently Asked Questions

1. How do I convert the XML file from version 2.0 to work with version 4.0?

There is not an easy way to convert a version 2.0 XML file to work with version 4.0. It's best to use objects generated from a tool kit. The Reference Implementation was developed using Java Web Services Developer Pack (JWSDP) 1.5. This can be downloaded at: <http://java.sun.com/webservices/downloads/1.5/index.html>

2. Is there a user's guide for the Reference Implementation?

There are developer comments throughout the code and there is a State API version 4.0 Developers Guide available at: http://www.serff.com/initiatives/serff_integration_tools.htm

3. How do you use the Reference Implementation?

First you will need to download J2EE SDK. You can get this at: <http://java.sun.com/j2se/1.5.0/download.jsp>

Next you will need to download Apache Ant. You can get this at: <http://ant.apache.org>

Once these applications have been downloaded the Reference Implementation is ready for use.

4. How do I get the attachmentId in the upload request message?

The API will return a list of attachment names and attachmentIds in the response messages for a request that can have attachments. For example, sendReport allows for an optional list of attachment names for the report. The method returns a list of attachment names and attachmentIds that the client uses to do the upload process. Then once everything is complete the client calls finalizeReport to make it active.

5. Can we use an MS 2003 ACCESS MDB for Linking to the SERFF database?

You cannot create a link to the SERFF database but can use the queryFiling web service.

6. What is the name of the program that gets called to generate the xml file?

You can create a .Net application, use the VB language in Access, or use some other programming language to call the web service.

7. What will the XML response file look like?

The response file follows the SOAP standard and has a body containing the XML elements defined in the WSDL file. See example below:

```
<?xml version="1.0"?>
<ns0:QueryFilingJAXB xmlns:ns0="uri:ClientTypes.types">
  <ns0:form>TransmittalHeader</ns0:form>
  <ns0:condition>Sent between date '2005-11-07' and date '2005-11-10' and
  THSERFFTrackNum <![CDATA[<>]]> 'DOMI-6HXLM7938/00-00/00-
  00/00'</ns0:condition>
  <ns0:field>AdvOrgCircNum</ns0:field>
  <ns0:field>AssignedBy</ns0:field>
  <ns0:field>Assignedto</ns0:field>
  <ns0:field>AssignedtoEditors</ns0:field>
  <ns0:field>Attachments</ns0:field>
  <ns0:field>CheckAmount</ns0:field>
  <ns0:field>CheckNumber</ns0:field>
  <ns0:field>CompanyDetails</ns0:field>
  <ns0:field>CompanyList</ns0:field>
  <ns0:field>CompanySelected</ns0:field>
  <ns0:field>CompanyStatus</ns0:field>
  <ns0:field>CompanyTrackNum</ns0:field>
  <ns0:field>CompOrigSent</ns0:field>
  <ns0:field>ContactDetails</ns0:field>
  <ns0:field>ContactSelected</ns0:field>
  <ns0:field>CreatedBy</ns0:field>
  <ns0:field>Createdon</ns0:field>
  <ns0:field>DateCheckReceived</ns0:field>
  <ns0:field>DateCompanyStatusCh</ns0:field>
  <ns0:field>DateSERFFStatusCh</ns0:field>
  <ns0:field>DateTime</ns0:field>
  <ns0:field>DeemerDate</ns0:field>
  <ns0:field>DeliveryDate</ns0:field>
  <ns0:field>DispDate</ns0:field>
  <ns0:field>EffDate</ns0:field>
  <ns0:field>EffDateReq</ns0:field>
  <ns0:field>EFTSummaryAmountFail</ns0:field>
  <ns0:field>EFTSummaryAmountSuccess</ns0:field>
  <ns0:field>EFTSummaryDesc</ns0:field>
  <ns0:field>EFTSummaryLastAction</ns0:field>
  <ns0:field>EFTSummaryStatus</ns0:field>
  <ns0:field>EFTSummaryTotalAmount</ns0:field>
  <ns0:field>FeeAmount</ns0:field>
  <ns0:field>FeeReq</ns0:field>
  <ns0:field>FEINNumber</ns0:field>
```

```
<ns0:field>FilingAction</ns0:field>
<ns0:field>FilingDate</ns0:field>
<ns0:field>FilingDesc</ns0:field>
<ns0:field>FilingSERFFTrackNum</ns0:field>
<ns0:field>FilingType</ns0:field>
<ns0:field>ImpDate</ns0:field>
<ns0:field>ImpDateReq</ns0:field>
<ns0:attachmentNamePattern>*</ns0:attachmentNamePattern>
<ns0:fileName>test</ns0:fileName>
</ns0:QueryFilingJAXB>
```

8. MD5 checksum in any of the response message: is it computed after the data block is base64 decoded?

The block size is before the data is base 64 encoded.

9. Is it possible to replicate the database on our end?

You can replicate the SERFF data using the queryFiling API. However, it will take some programming and understanding of web services to accomplish this.

10. Will the build work with the asant builder that comes with J2EE?

The asant that comes with J2EE is Sun's version of ant which should work. We however, used Apache's Ant.

11. Are the java byte code modules portable between Windows and Linux or are there reasons not to port the BYTECODE?

There should not be any portability issues between Windows and Linux as long as the versions of java are the same.

12. How do we manage the logic to avoid redundant downloads on the same date?

You will need to use the time component with the date field. For example:

Condition= Sent >= date '2006-04-14 15:17:40'

All times are in 24-hour format. Time zone cannot be specified, so all dates and times are compared without adjusting for time zone.