MedCommons C# CXP SOAP Client

CXP 1.0
3/2/2006

The C# CXP SOAP is a small sample program that demonstrates how to invoke the CXP 1.0 SOAP interface.

Currently only two SOAP calls are supported in this sample: PUT and GET.
 .

Installing the program

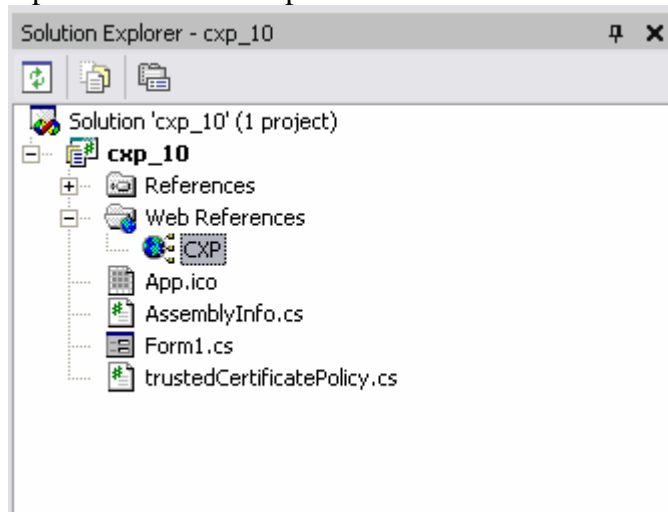Unzip the file and open the cxp_10.csproj in Visual Studio.

Configuring the program

Typically this program does not need to be configured. If you want to point at a host other than
https://gateway001.medcommons.net/router/services/CXP[1]
then follow these steps:

1. Open the Solution Explorer and select CXP:

2. Right click and select Properties from the menu.
3. Enter the URL of the WDSL for the new SOAP endpoint.

---

[1] http://gateway001.medcommons.net:9080/router/services/CXP is useful for testing a non-SSL connection. A new URL will be available shortly with a SSL cert that has a known trusted root CA.

4. Press Enter. The following dialog box appears:
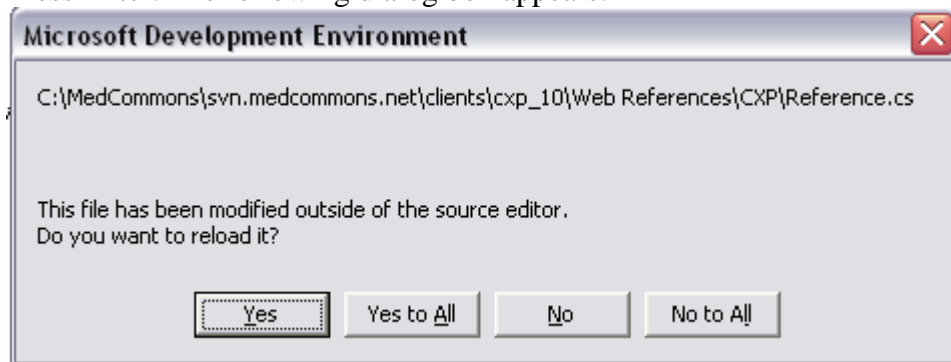
Select "Yes to All".

5. Now press the F5 key to start the debugger. The following window appears:
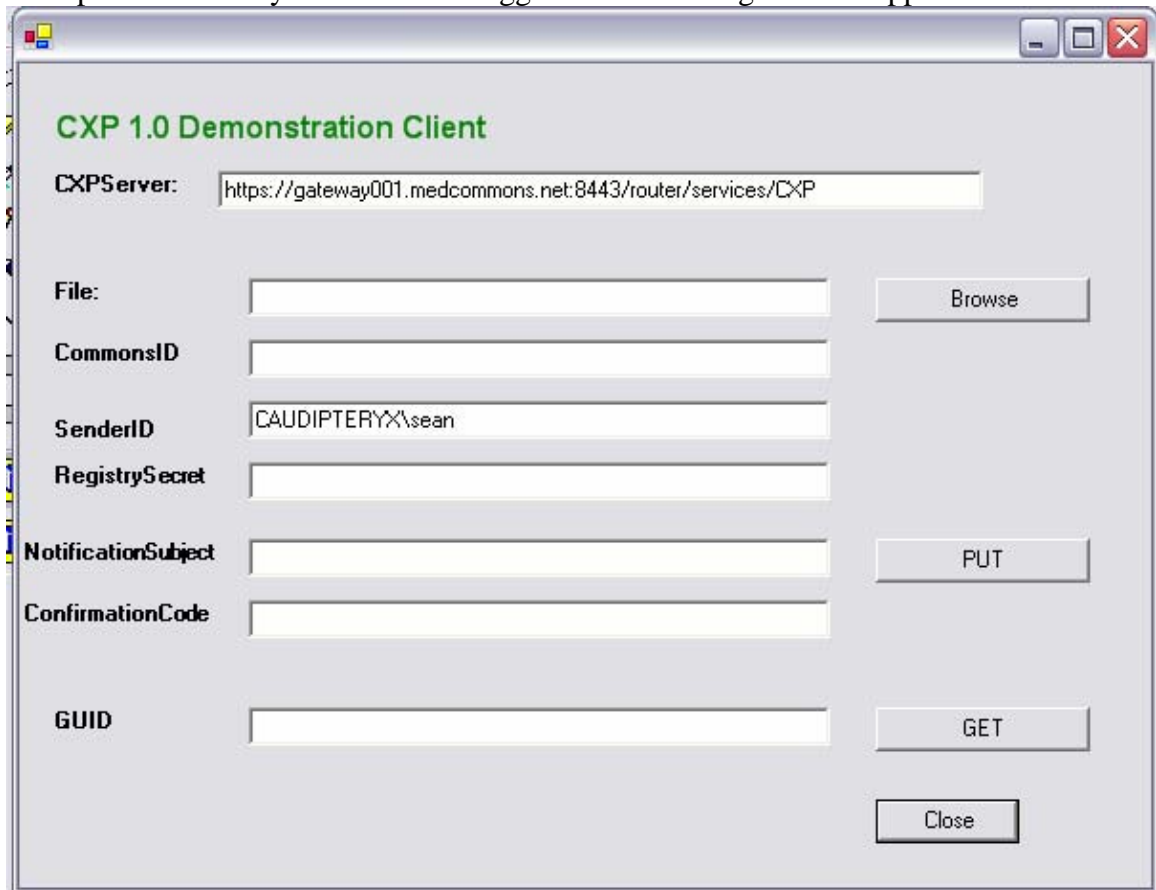
The SenderID is automatically filled in with your user login information.

6. Click on the browse button to select a CCR, then click the PUT button. This transmits the CCR to the server. If the CCR contains validation errors then these

will be enumerated in a status display dialog.
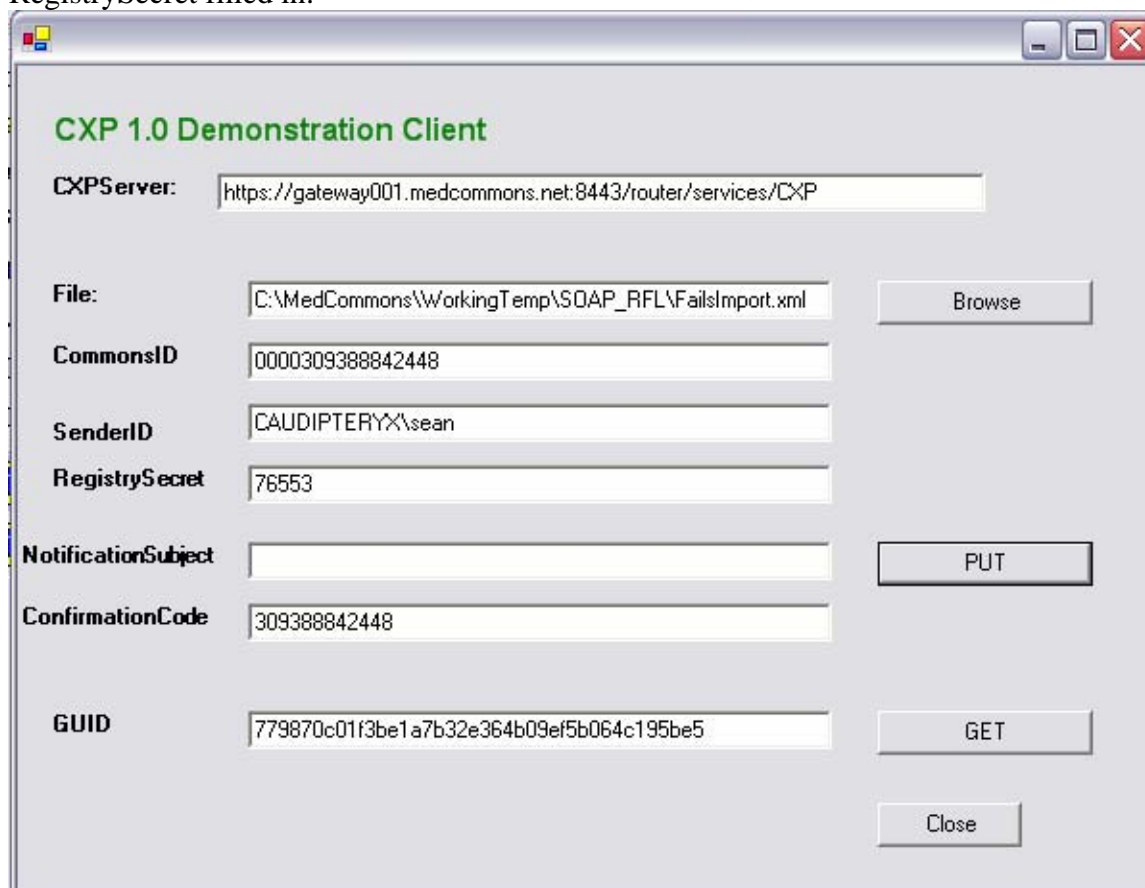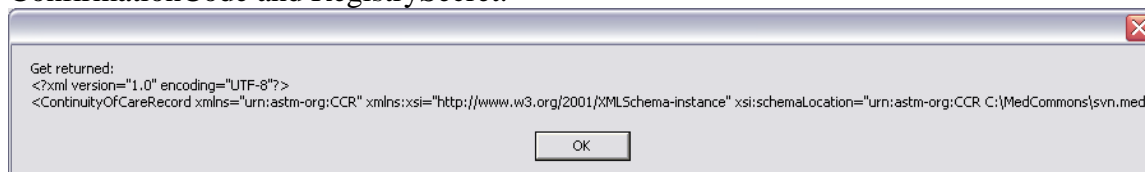
CXP Transfer Success (with warnings)
UUID:779870c01f3be1a7b32e364b09ef5b064c195be5
ConfirmationCode:309388842448
RegistrySecret:76553
ErrorCode:220
ErrorDescription:
Error: cvc-datatype-valid.1.2.1: 'C:\MedCommons\svn.medcommons.net\router\demo\etc\schema\ccr\CCR_20051109.xsd' is not a valid 'anyURI' value. at line 3, column 80 in entity null
Error: cvc-attribute.3: The value 'urn:astm-org:CCR C:\MedCommons\svn.medcommons.net\router\demo\etc\schema\ccr\CCR_20051109.xsd' of attribute 'xsi:schemaLocation' on element 'ContinuityOfCareRecord' is not valid with respect to its
type. at line 3, column 80 in entity null
Error: cvc-complex-type.2.4.a: Invalid content starting with element 'EMail'. One of '{"urn:astm-org:CCR":Source, "urn:astm-org:CCR":InternalCCRLink, "urn:astm-org:CCR":ReferenceID, "urn:astm-org:CCR":CommentID,
"urn:astm-org:CCR":Signature}' is expected. at line 122, column 12 in entity null

OK

7. The application dialog box automatically has the ConfirmationCode and RegistrySecret filled in:

CXP 1.0 Demonstration Client

CXPServer: https://gateway001.medcommons.net:8443/router/services/CXP

File: C:\MedCommons\WorkingTemp\SOAP_RFL\FailsImport.xml   [Browse]

CommonsID 0000309388842448

SenderID CAUDIPTERYX\sean

RegistrySecret 76553

NotificationSubject [   ]   [PUT]

ConfirmationCode 309388842448

GUID 779870c01f3be1a7b32e364b09ef5b064c195be5   [GET]

[Close]

8. Clicking the "Get CCR" button will now retrieve the CCR for this ConfirmationCode and RegistrySecret.

Get returned:
<?xml version="1.0" encoding="UTF-8"?>
<ContinuityOfCareRecord xmlns="urn:astm-org:CCR" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:astm-org:CCR C:\MedCommons\svn.med

OK

9.

Only the first 200 characters of the CCR are displayed. In a real application the CCR would be saved to disk or would be imported into the application.