Create a WCF service from WSDL

To create a WCF service from an existing wsdl you can use svcutil.exe. These instructions step through how to use the svcutil.exe app.

# Using ScvUtil.exe to create the service

Required Software:

* Visual Studio 2010/2012

To generate the service contract:

* Open Visual Studio command prompt
* Type: svcutil /mc "{WSDL file path}"
* If your WSDL has any supporting XSD files pass those in as arguments after the WSDL.
  + svcutil /mc "{WSDL file path}" "{XSD 1 file path}" "{XSD 2 file path}"...

This will generate a contract interface. You will need to add it to your project and create a service that implements that interface.

To setup the service host:

* Set the endpoint to use wsHttpBinding.
* Set the security mode to “Transport”
  + This is done by using the bindings element in the config file.

# Using ScvUtil.exe to create the client

Required Software:

* Visual Studio 2010/2012

To generate the service contract:

* Open Visual Studio command prompt
* Type: svcutil \*.wsdl \*.xsd /language:C# (Or VB)

This will create the proxy from the wsdl and xsd’s.

Client setup:

* Set WS-Addressing to true.

For message level security the clientCredentials object will need to be populated with a username and password.