**MTOM Attachments (with streaming)**

Follow these steps to execute the sample.

1. You must configure the following parameters, if you want to stream the inbound attachments:
   1. watt.server.soap.MTOMStreamiong.enable=true
   2. watt.server.SOAP.MTOMStreaming.cachedFiles.location = leave it to the default location
   3. watt.server.SOAP.MTOMStreaming.threshold = leave it to the default value

**Note: The above extended settings require Integration Server restart. Do not do it yet. Restart the IS after completing the next step.**

1. As we are receiving/processing the file attachments, you will need to grant authority so that your service will be able to write the file using pub.file services.

Using the editor, open the file **fileAccessControl.cnf** in **WM\_HOME\IntegrationServer\packages\WmPublic\config**

Add the path C:/ to allowedWritePaths as follows and save your changes:

***allowedWritePaths=C:/***

Note: You can specify any path but we will write the files to C:\ in this sample.

**Restart the Integration Server now.**

1. Configure the wrapper flow service in order to send and receive attachments:
   1. To send an attachment to the Integration Server, Open the service mtomstreamingsample.Invoke:invokeReceiveAndSendAttachmentsViaStreaming and set the absolute path of the attachment in the input “**filename**” for the first step **pub.file:getFile**.

Example: In the sample, the filename was set as follows:

D:\webMethodsDoc\Advanced Troubleshooting Guide\_tcm121-94566\_LATEST.pdf

* 1. To receive an attachment from Integration Server, Open the service mtomstreamingsample.Invoke:invokeReceiveAndSendAttachmentsViaStreaming and set the absolute path in the input “**filename**” for the 6th step **pub.file:streamToFile**.

Example: In the sample, the filename was set as follows:

C:\ VamsiSamples.pdf

**Note: This directory should be the same which was declared in allowedWritePaths as configured in step 2.**

1. Configure the webservice in order to receive and send attachments:
   1. To receive an attachment and process it, Open the service mtomstreamingsample.svc:receiveAndSendMtomAttachmentsViaStreaming and set the absolute path in the input “**filename**” for the second step **pub.file:streamToFile**.

Example: In the sample, I’ve given the filename as:

C:\ Vamsi.pdf

**Note: This directory should be the same which was declared in allowedWritePaths as configured in step 2.**

* 1. To send an attachment as response, Open the service mtomstreamingsample.svc:receiveAndSendMtomAttachmentsViaStreaming and set the absolute path of the attachment file in the input “**filename**” for the fourth step **pub.file:getFile**.

Example: In the sample, I’ve given the filename as:

D:\webMethodsDoc\8.2\8-2\_BIRT\_Tutorial.pdf

1. Click "Save Changes."
2. Execute the wrapper flow service mtomstreamingsample.Invoke:invokeReceiveAndSendAttachmentsViaStreaming in the WmMtomSteamingSample package. This wrapper flow service internally invokes the generated connector " mtomstreamingsample.client.consumer\_.connectors:provider\_PortType\_receiveAndSendMtomAttachmentsViaStreaming," and supplies the values for the input parameter. If the execution is successful, you should see the following files in C:\
   1. C:\ Vamsi.pdf
   2. C:\ VamsiSamples.pdf

Note: These values change accordingly once you choose to give different names. This is not restricted to PDFs. You can send txt, xml files etc.