Biztalk Notes:

1. \*.xsd = schema files
2. \*.btm = map fiels
   1. Concatenate Functoid

Combine strings into one string

* 1. Looping Functoid

It is used to ensure that the Product record on the Restock message(output) will occur each time the Item field occurs in the SalesOrder message(input)

* 1. cccc

1. \*.odx = orchestration files
   1. Receive
   2. Group: Generate and send two messages
      1. Construct message 1
      2. Send
      3. Construct message 2
      4. Send
      5. Call orchestration
      6. Decide
      7. Rule
      8. Transform
      9. CallRules
      10. Scope
      11. Receive
      12. Message Assignment
2. Schema Editor

Imports

Select Schema node, right click,properties,advanced-imports

XSD imports-Add

A child record can be of reference by setting data structure type…

Add generated items (project-add) can generate schema based on existing xml instance

If well formed xml or DTD generator not loaded

Copy dlls under

C:\Program Files\Microsoft BizTalk Server 2010\SDK\Utilities\Schema Generator

To

C:\Program Files\Microsoft BizTalk Server 2010\Developer Tools\Schema Editor Extensions

Using no name spaces:

To valid messages with no namespaces, the schema’s target name space must be empty.

1. Pipeline

A pipeline can do job s like disassembling validation etc

To disassemble a big message into small ones using header footer and body schema is done by a pipe line

There is a command to test the schema of envelop and body

xmldasm InterchangeMessage.xml -ds InterchangeBody.xsd -es InterchangeEnvelope.xsd –c

To enable recoverable interchange of a pipeline:

In the Configure Pipeline dialog box, under Disassemble – Component(1), in the RecoverableInterchangeProcessing list, click True, and then click OK

* 1. design of envelop and body schema

In the header schema, Envelope:Yes

In the root node, body xpath, point this to the parent of body node

* 1. ddd

1. Add Adapter or Consume Adapter Service
   1. Add adapter
      1. An orchestration is added
      2. Within orchestration, multi part message and two way port type created
      3. Two way port type can be linked to send and receive shapes in orchestration
      4. Action is defined in the typed generated two way port type
   2. Consume Adapter Service
      1. Only schemas are created
      2. Only need sent the request message to a logic port that expects the request message type
      3. Only wait for the response message from the same two way logic port that returns a response message
      4. In the request the action has been set like table insert or stored procedure execution
2. Message routing without orchestration

Any activated Receive port will be processing the file

Any activated Send port will be creating files unless any messages

When Send port has some filter defined, this will actually work as message router

1. Populate send envelope fields with promoted fields

Promote field to BTS.bts\_system\_properties ????

1. Two way Sql Send and receive

Pipe line for send: PassThruTransmit

Pipe line for receive: XMLReceive if the type message needs to be receved and used down stream, otherwise you will get : does not match expected type insert respons

1. dddd