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Unpacking

WESBCONVERTn.ZIP contains 2 IIB workspaces

Unzip to c:\

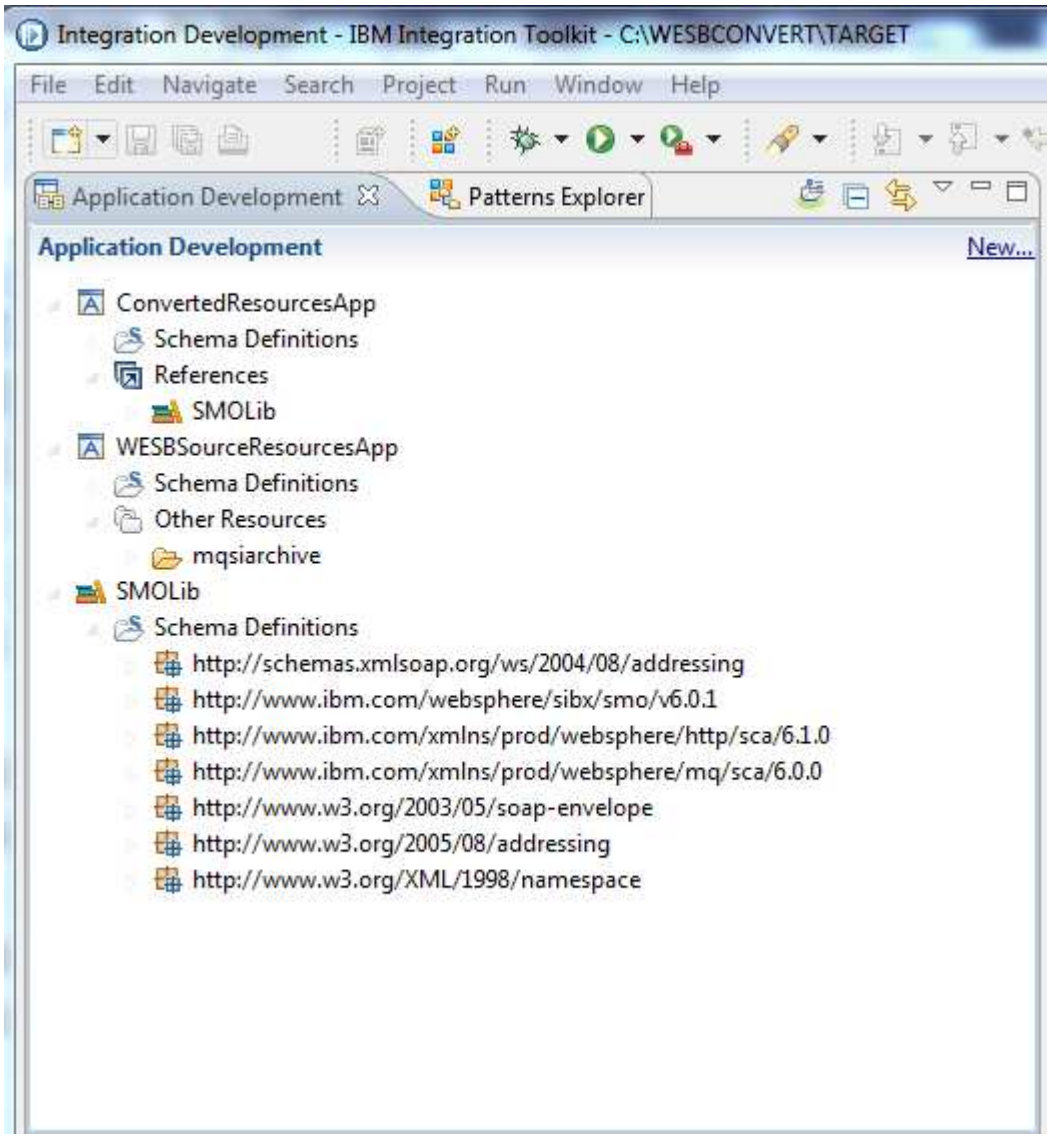
TARGET Workspace

Overview

TARGET workspace contains two applications and one library

An application placeholder for WESB Resources – pre conversion
An application placeholder for IIB Resources – post conversion

The library holds the WESB ServiceMessageObject schemas and is referenced by the post conversion application



WESB (WID) Business Objects (XSDs)

XSDs that the BO maps rely upon will need to be either

- copied into the ConvertedResourcesApp
- in a Library references by the App
- or referenced in some way

WESB (WID) Business Objects Maps

Rename as **.wesbmap**
Place in the mqsiarchive directory of WESBSourceResourcesApp
To convert a map you will copy them from the mqsiarchive directory to its parent directory

Post Conversion

Refresh the ConvertedResourcesApp
Expand the Maps
Expand the Java
Expand the Other resources

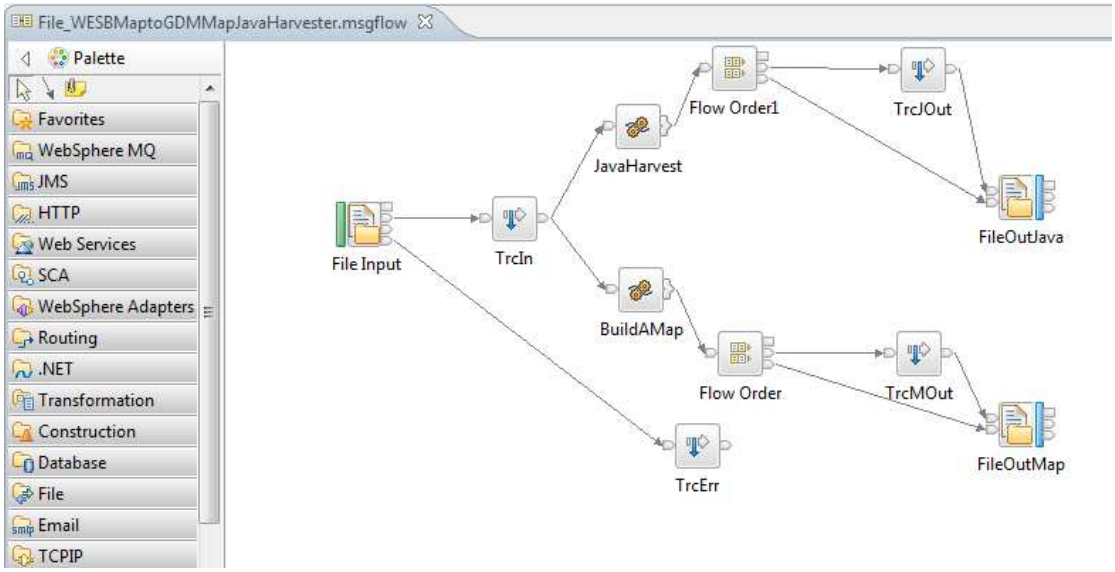
Check the .java, .nojava files and open the .map files.

CONVERTn Workspace

Overview

CONVERTn workspace contains the conversion flows.

The main map conversion flow



It has two branches that really should be combined. There are notes in the ESQL about this.

Branch one parses the wesbmap file and extracts java code to a text file.
Branch two parses the wesbmap file and builds an IIB Map file based on the info it finds.

The FileInput node reads .wesbmap files from
C:\WESBCONVERT\TARGET\WESBSourceResourcesApp

It writes the .java, .nojava and .map files to
C:\WESBCONVERT\TARGET\ConvertedResourcesApp

Note tracenodes write to c:\temp

So .wesbmap files are picked up when you move them from the mqsiarchive directory as described above.

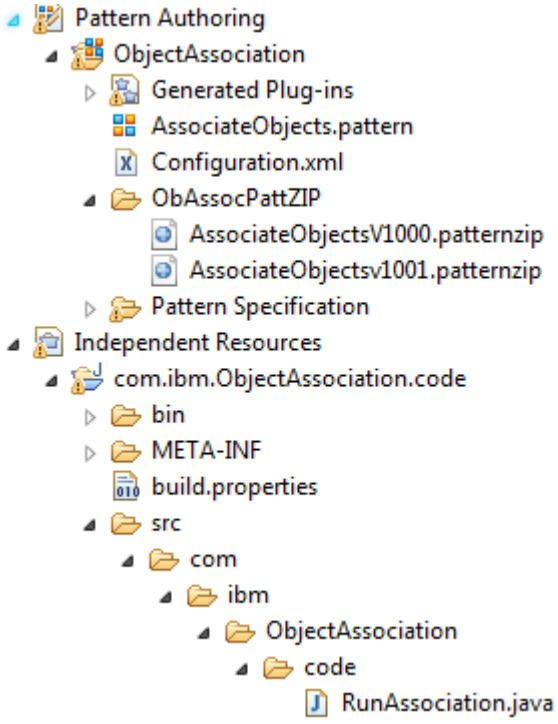
Associate Objects Pattern

This pattern is for demonstration purposes. It is in support of WESB to IIB conversion

Overview

Specifically, this pattern demonstrates a technique for associating IIB map files with mapping nodes in message flows. Mediations containing BO Map primitives in WID are converted to IIB message flows by the WESB Conversion Tool.

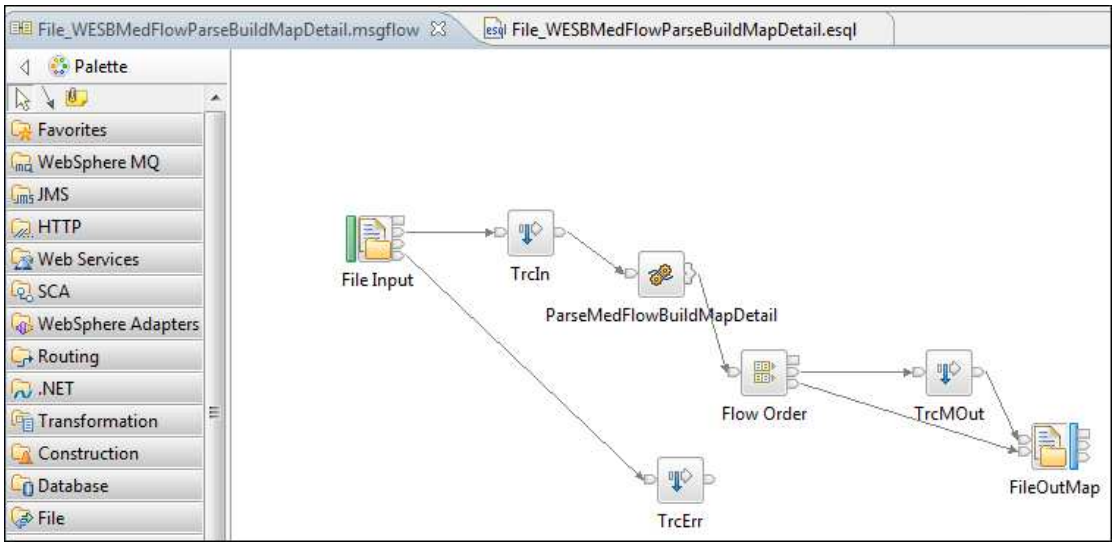
The Tool will create a message flow of the appropriate name and place a IIB mapping node in the flow. At this point it will not configure the properties of the mapping node to resolve to a mapfile. Map file conversion is facilitated through the IIB message flow utilities provided in this workspace. This demo pattern relies on naming conventions to find and associate a mapfile with a node in a flow. This may not be possible. It is likely this pattern will need to be extended to take a configuration file as input to provide a list of relationships



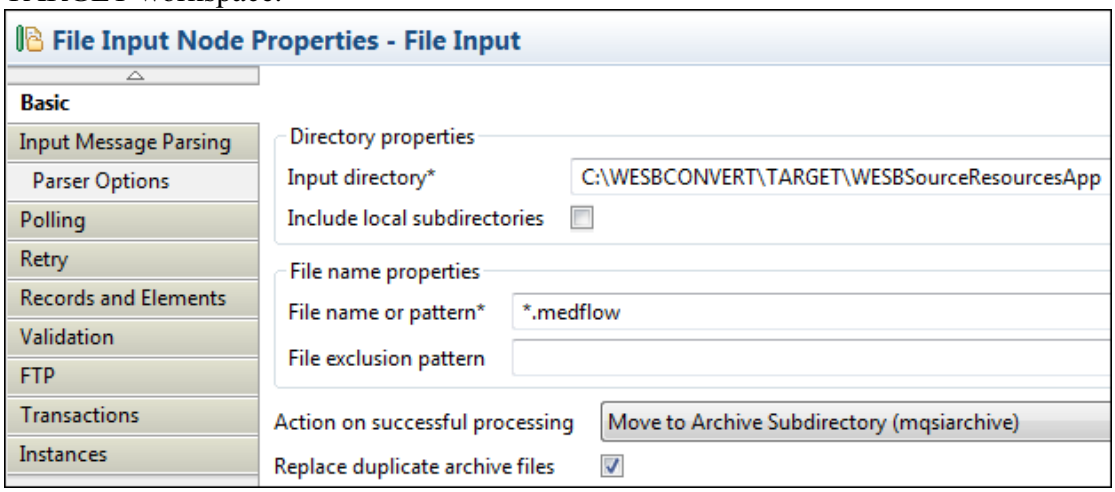
WESB Mediation flow (.medflow) parsers

This message flow demonstrates how we might "parse" the WESB .medflow to capture information about all/any BO Map primitives that exist in a mediation.

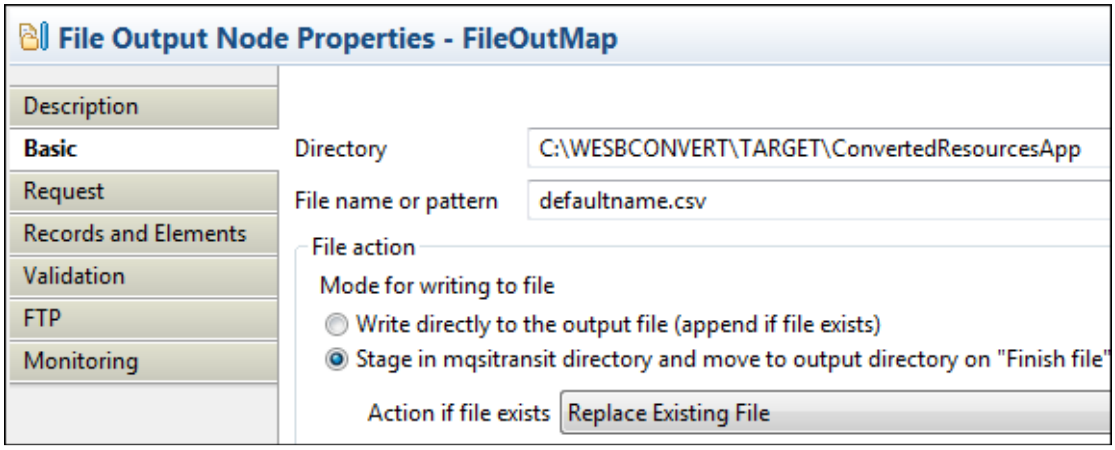
Overview



In the same way as the other message flows, it operated against WESB files in the TARGET workspace.



It looks for .medflow files

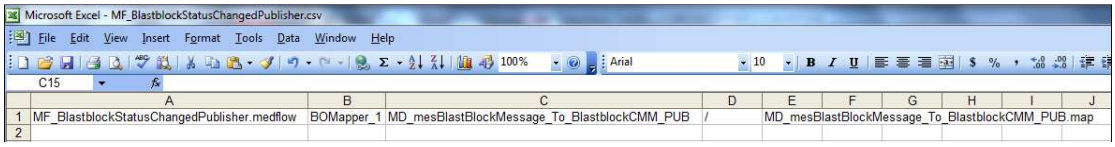


It produces .CSV files

```
--      set up the target directory and file name
C:\WESBCONVERT\TARGET\...
    Set OutputLocalEnvironment.Destination.File.Directory =
REPLACE(InputLocalEnvironment.File.Directory,'WESBSourceResourcesApp'
,'ConvertedResourcesApp');

      Set OutputLocalEnvironment.Destination.File.Name =
REPLACE(InputLocalEnvironment.File.Name,'medflow','csv');
```

Medflow .CSV file



Name	Type	Min Occurs	Max Occurs
mapdetail			
sequence		1	1
record		1	unbounded
sequence		1	1
medname	string	1	1
id	string	1	1
name	string	1	1
root	string	1	1
mappingFile	string	1	1

The IIB Pattern for Object association could use this information to do the following:

1. Rename IIB Map nodes in a message flow to their WESB originals
2. associate the IIB Map node with the correct IIB map file.

Using the WESB BOMap Conversion message flow

Deploy

Copy in WESB artefacts

Start the message flow and review the results

Using the WESB Mediation Parser message flow

Deploy

Copy in WESB artefacts

Start the message flow and review the results