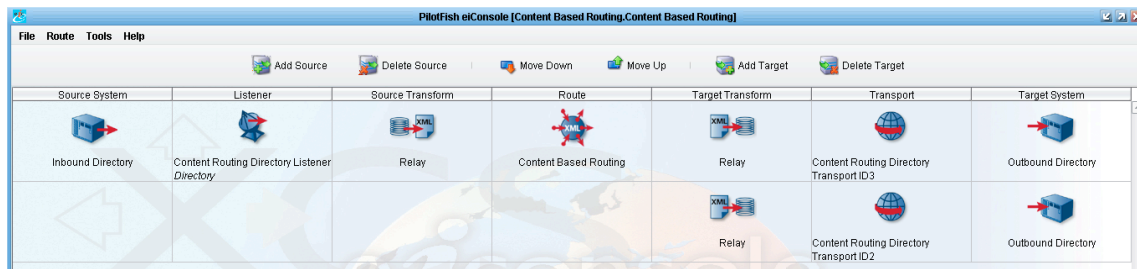


# Content-Based Routing

## Overview



This interface demonstrates how to accomplish content-based routing, or how to conditionally send data to an endpoint based on the data itself.

This lab expands on content and concepts covered in the “Lab 4: Using Forking” lab.

## Transport Configuration

1. Create a new Target with a unique name.
2. Configure a directory transport with a new output file name.

## Routing Configuration

The routing configuration needs two XPath-based rules, each performing a different operation. One routes all transactions with an Excel Sheet Name of “Person” to a particular transport. The other routes all transactions with a Name of “Customer” to a different transport.

1. Define the rule, rule criteria, and optionally, an operation
2. Select the [Routing Rules](#) tab on the ‘Route’ stage and change the [Routing Module](#) to “XPath/Attribute”.
3. Create a new Rule: ‘Set Expression’ > ‘XPath Query’
4. In the [XPath Expression Configuration](#) panel set the [XPath Expression](#) to

“//XCSEExcelSheet/@name='People'”

5. Add a Transport Target to the rule
6. Create a second rule by copying the first rule
  - Change the XPath Expression to “//XCSEExcelSheet/@name='Customer'”
  - Change the transport target

Because of the [Source Forking](#) stage previously created, the transaction data will be either:

```
<XCSEExcelSheet name="People" rowCount="98">
...
</XCSEExcelSheet>
```

Or it will be:

```
<XCSEExcelSheet name="Customers" rowCount="14">
...
</XCSEExcelSheet>
```

## Testing

Launch the ‘Test Mode’ and drop the “people.xls” spreadsheet into the input directory. You should see the transactions split and flow to each of the targets:

<div> <span>Execute Test</span> <span>Clear Test Configuration</span> <span>Save Test Config</span> <span>Load Test Config</span> <span>Delete Test Config</span> </div>						
Source System	Listener	Source Transform	Route	Target Transform	Transport	Target System
System Unnamed	Simple Route Inbound Directory	Excel	Simple Route	Relay (System Format)	Person Outbound Directory	System Unnamed
				Relay (System Format)	Customer Transport Directory	System Unnamed