

## 12. Testing Using the Inline Test Mode

<https://cms.pilotfishtechnology.com/interface-route-testing-tutorial-pilotfish>

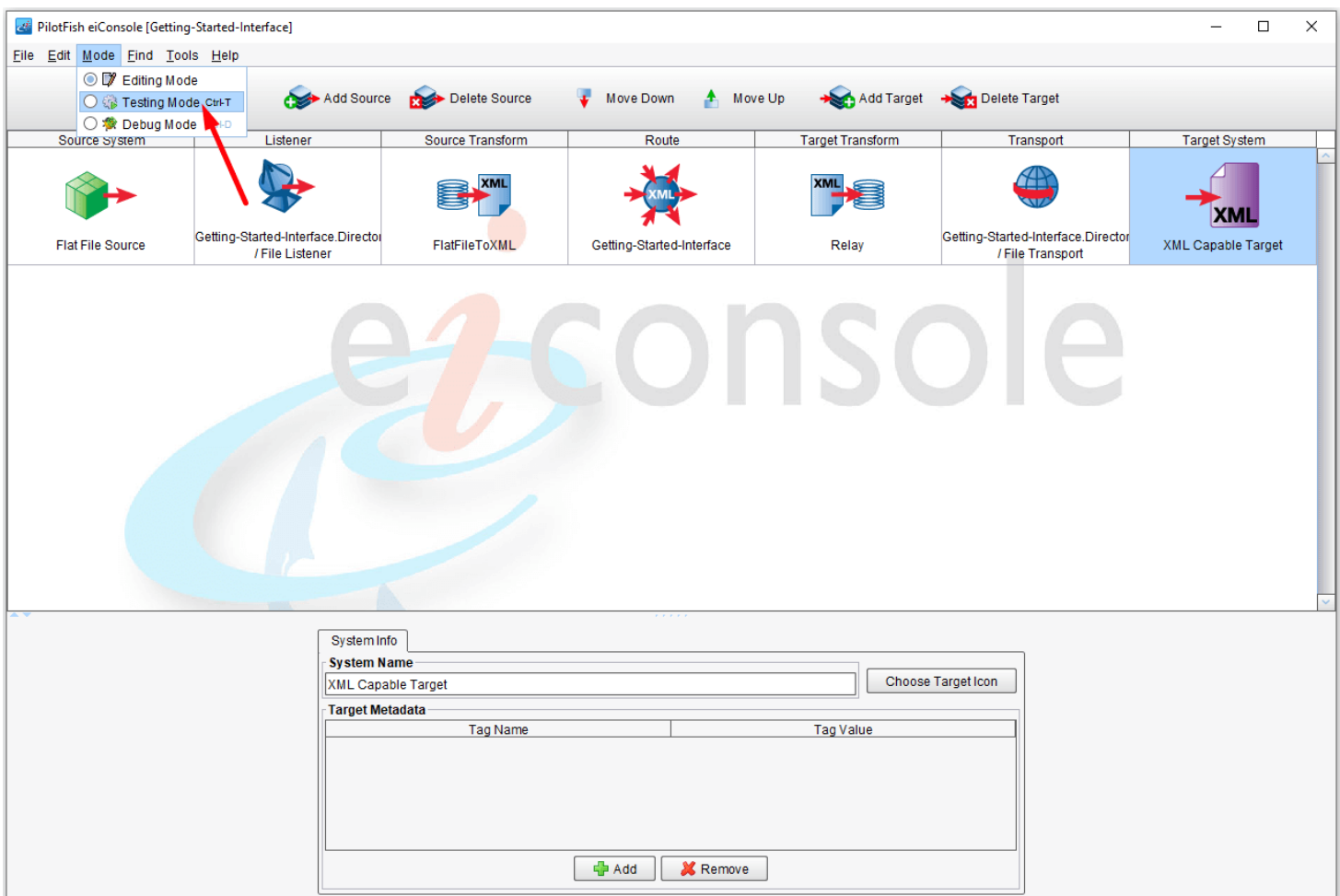
eiConsole v.24R1  
Tutorial 60 mins

### eiConsole Foundation Tutorial

## Testing an Interface Using the Inline Testing Mode

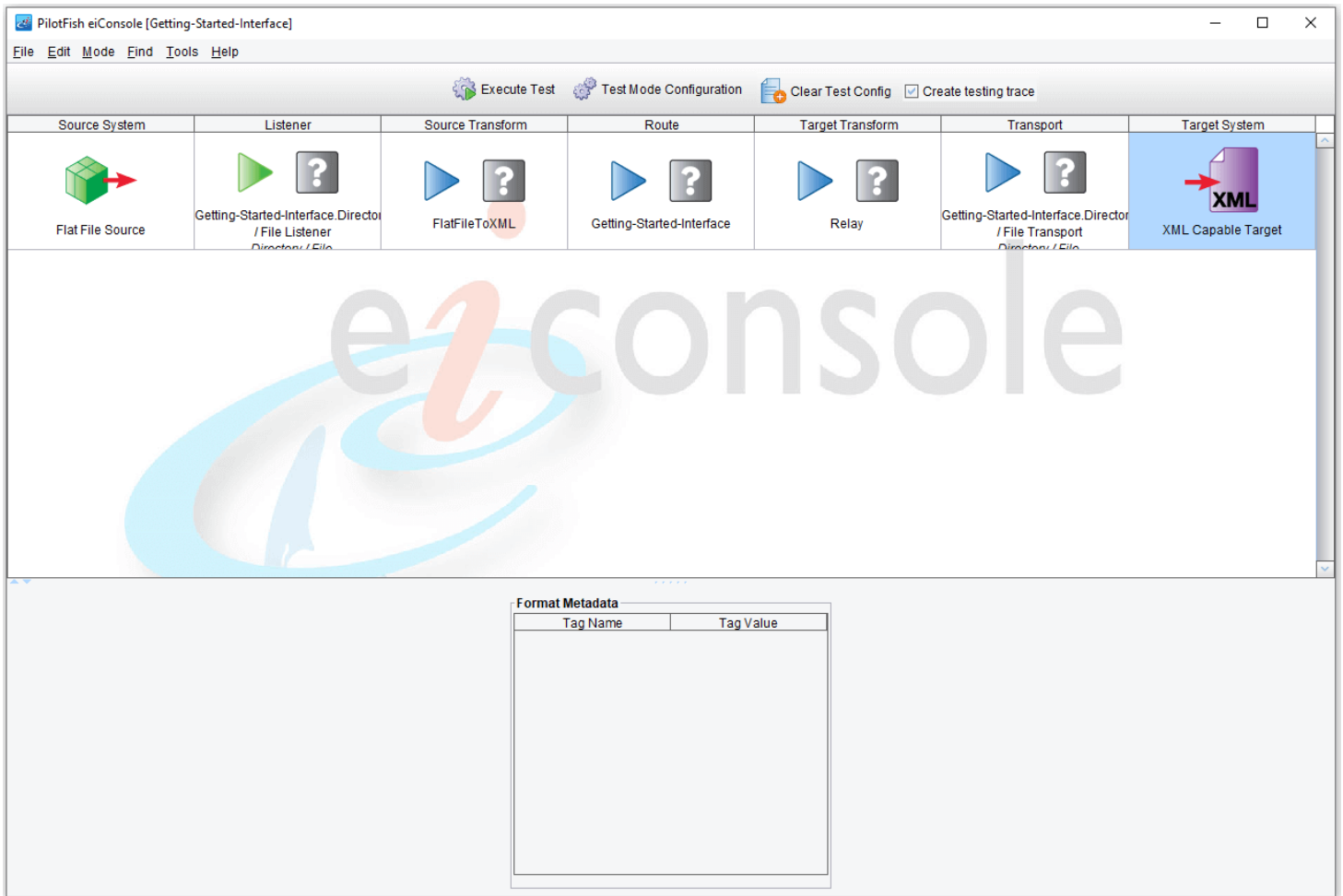
You will need to navigate to the Working Directory `c:\Users\{USER_NAME}\PilotFish eiConsole Working Directories\Foundation` where {USER\_NAME} is the user's name which was included in the sample files you downloaded in the first Foundation Tutorial – [Creating a Working Directory](#).

*Note: The Tutorials in eiConsole Foundation, 1-13, are modular and are designed to be used in the sequence presented.*

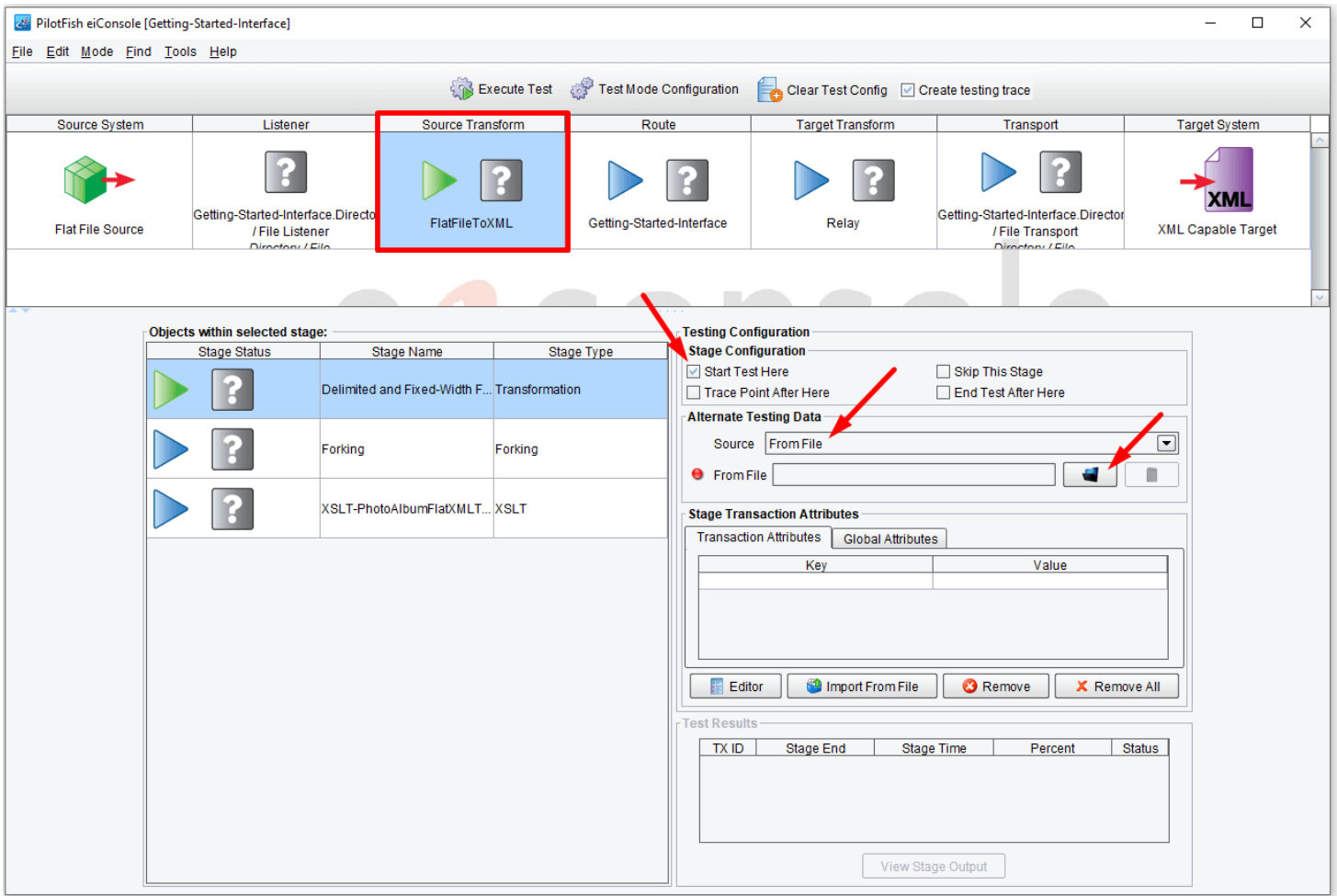


Now that the [interface](#) is configured from Source to [Target](#), you can test its behavior before deployment to an eiPlatform environment.

Underneath the Mode drop-down, select **Testing Mode**.



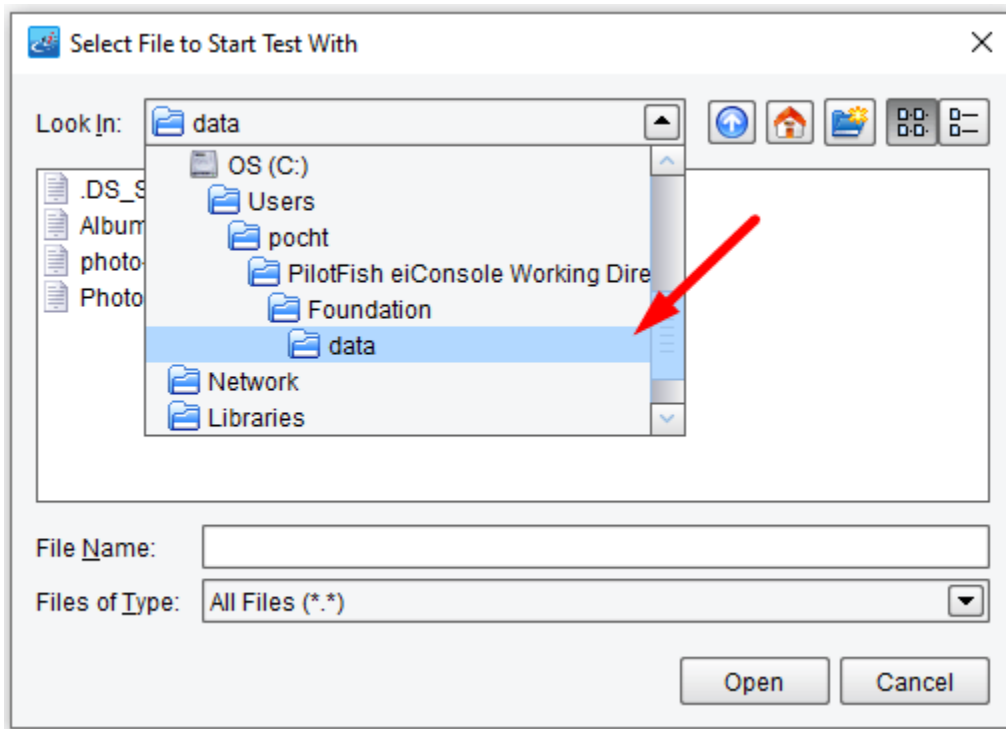
When you switch to Testing Mode, all of the icons between the Source and the Target become question marks, indicating [stages](#) that you may choose to test.



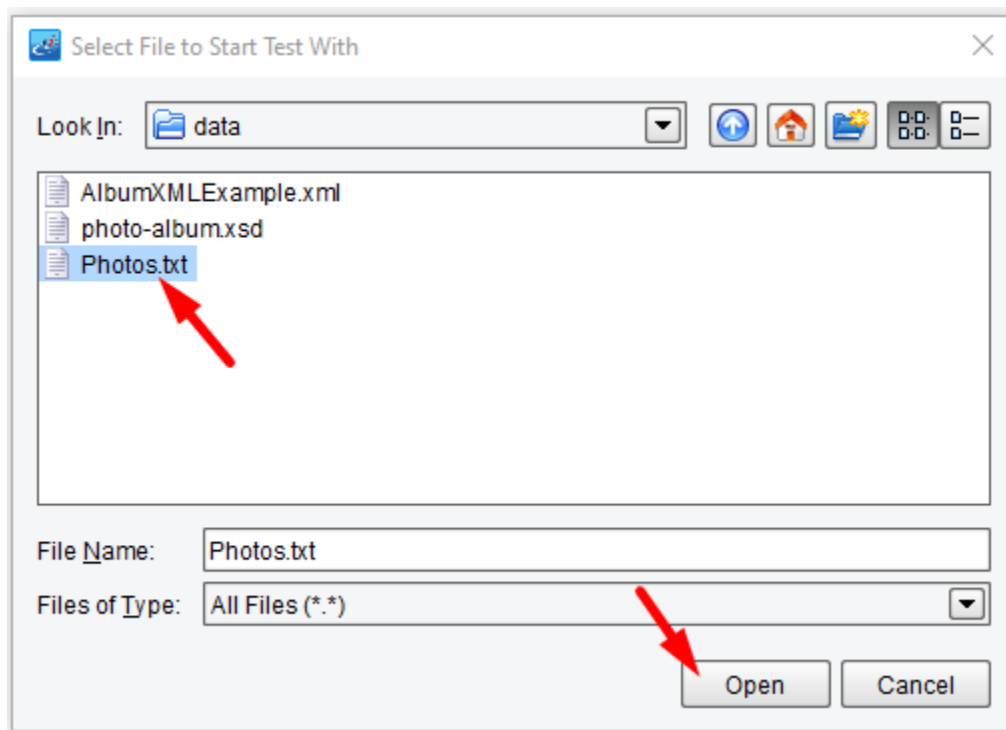
For this tutorial, you will want to start your test with the Source Transformation. Click the [Source Transform](#) stage and then select the **Start Test Here** checkbox. A green icon will appear in the Source Transform box to indicate that the test will start here.

Blue arrows indicate a stage of the test that may be executed. For our purposes, allow the test to flow all the way through to the [Transport](#) of the file to the directory.

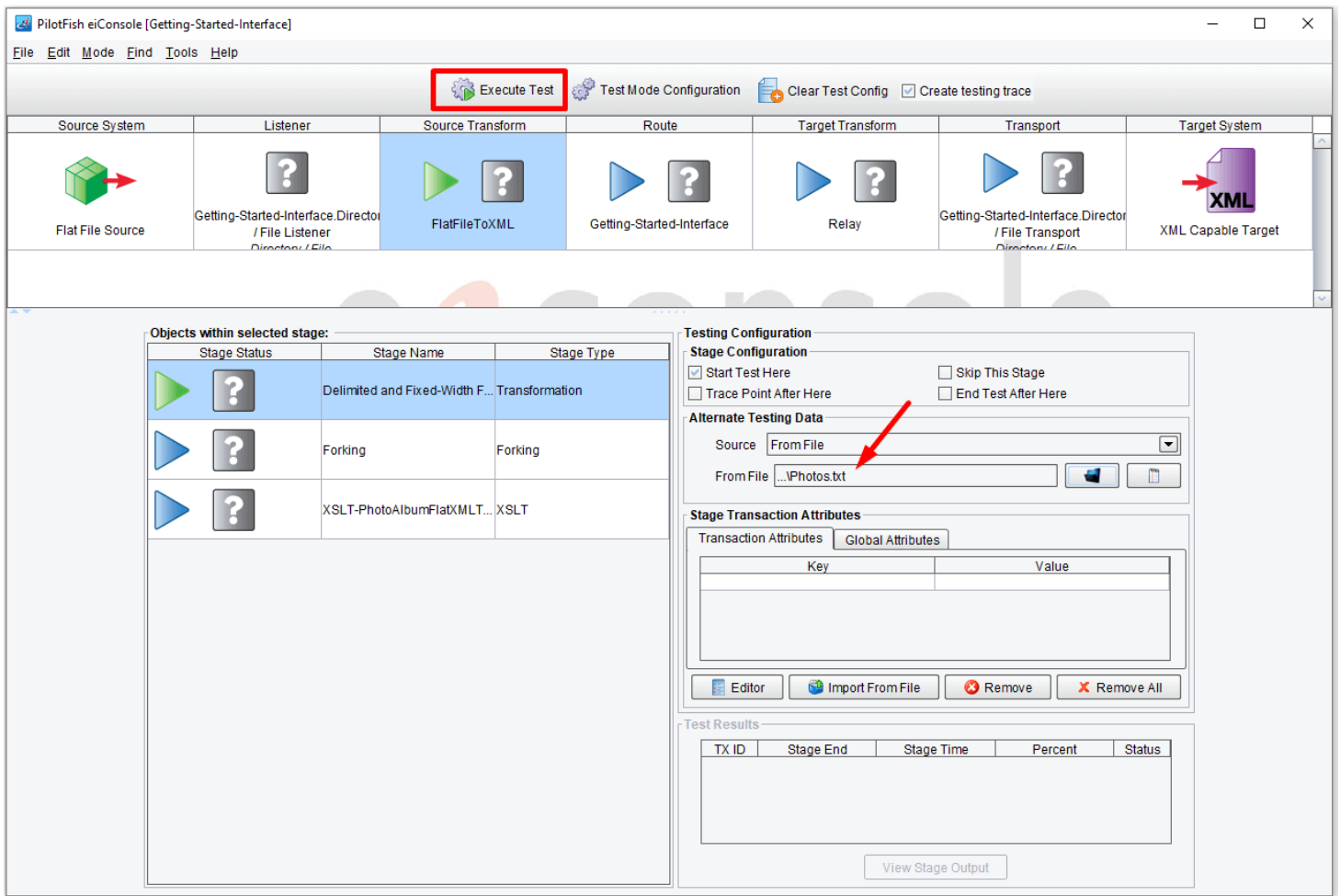
Select the **From File** from the drop-down menu and click on the **Browse** button.



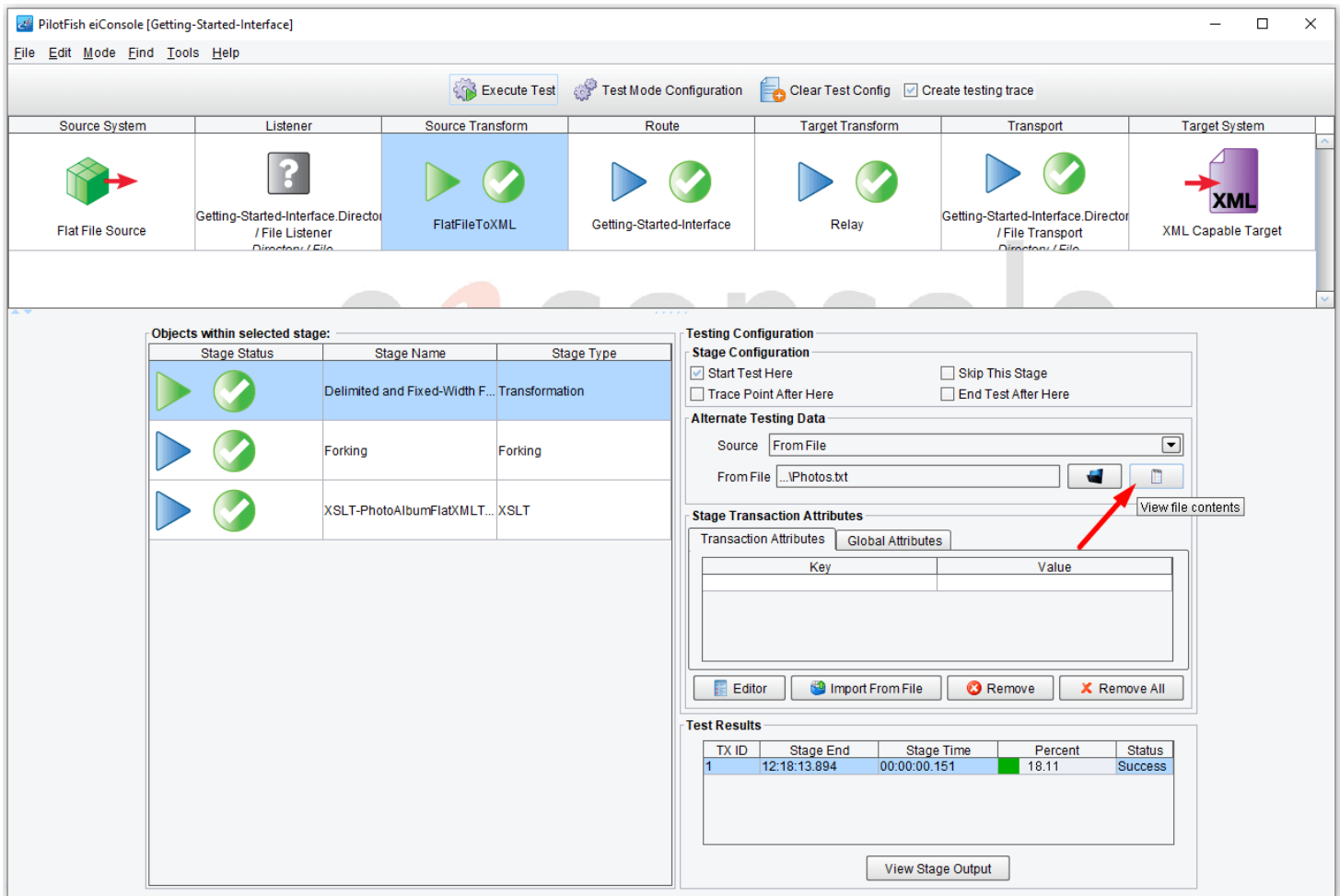
Navigate to the **c:\Users\{USER\_NAME}\PilotFish eiConsole Working Directories\Foundation** folder or your distribution sample folder and double-click the **data** folder to open.



Then select the **Photos.txt** file and click **Open**.



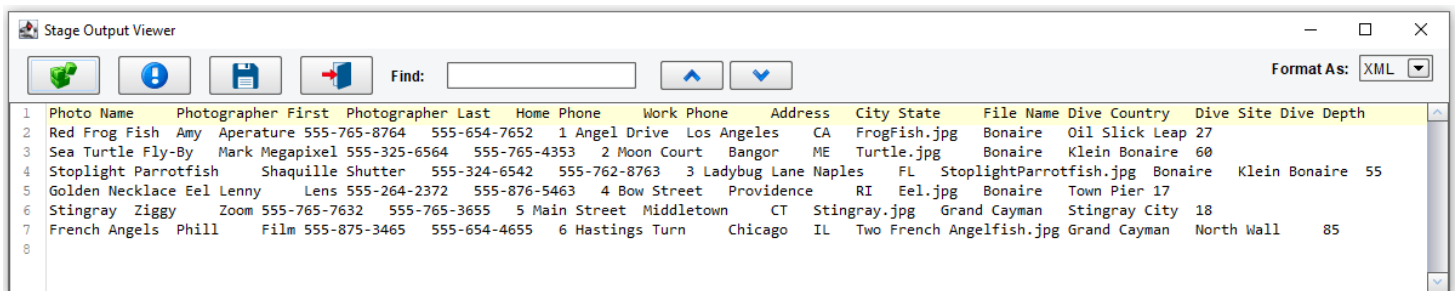
Click on the **Execute Test** button.



In a few seconds, the file will be picked up. As each stage completes, the question marks will be replaced by **green checkmarks** indicating that the stage has been completed successfully.

If there is an error, the blue question mark will become a red x. You can click on the stage with the red x to view the errors. If for example, the x is in the Source Transform stage, you may want to retrace your steps for that stage to see if you missed a step, failed to check a box or enter a field, etc.

You can now look at how the data appeared at each stage. With Source Transform selected, click the **View** button.



The original data processed was the tab-delimited file you first saw in the [File Specification Editor](#).

PilotFish eiConsole [Getting-Started-Interface]

File Edit Mode Find Tools Help

Execute Test Test Mode Configuration Clear Test Config Create testing trace

| Source System    | Listener                                                                | Source Transform | Route                     | Target Transform | Transport                                                                | Target System      |
|------------------|-------------------------------------------------------------------------|------------------|---------------------------|------------------|--------------------------------------------------------------------------|--------------------|
| Flat File Source | Getting-Started-Interface.Directory / File Listener<br>Directory / File | FlatFileToXML    | Getting-Started-Interface | Relay            | Getting-Started-Interface.Directory / File Transport<br>Directory / File | XML Capable Target |

Objects within selected stage:

| Stage Status                                                                                                                                                        | Stage Name                     | Stage Type     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------|
|   | Delimited and Fixed-Width F... | Transformation |
|   | Forking                        | Forking        |
|   | XSLT-PhotoAlbumFlatXMLT...     | XSLT           |

Testing Configuration

Stage Configuration

☒ Start Test Here ☐ Skip This Stage

☐ Trace Point After Here ☐ End Test After Here

Alternate Testing Data

Source From File

From File ...Photos.txt

Stage Transaction Attributes

Transaction Attributes Global Attributes

| Key | Value |
|-----|-------|
|-----|-------|

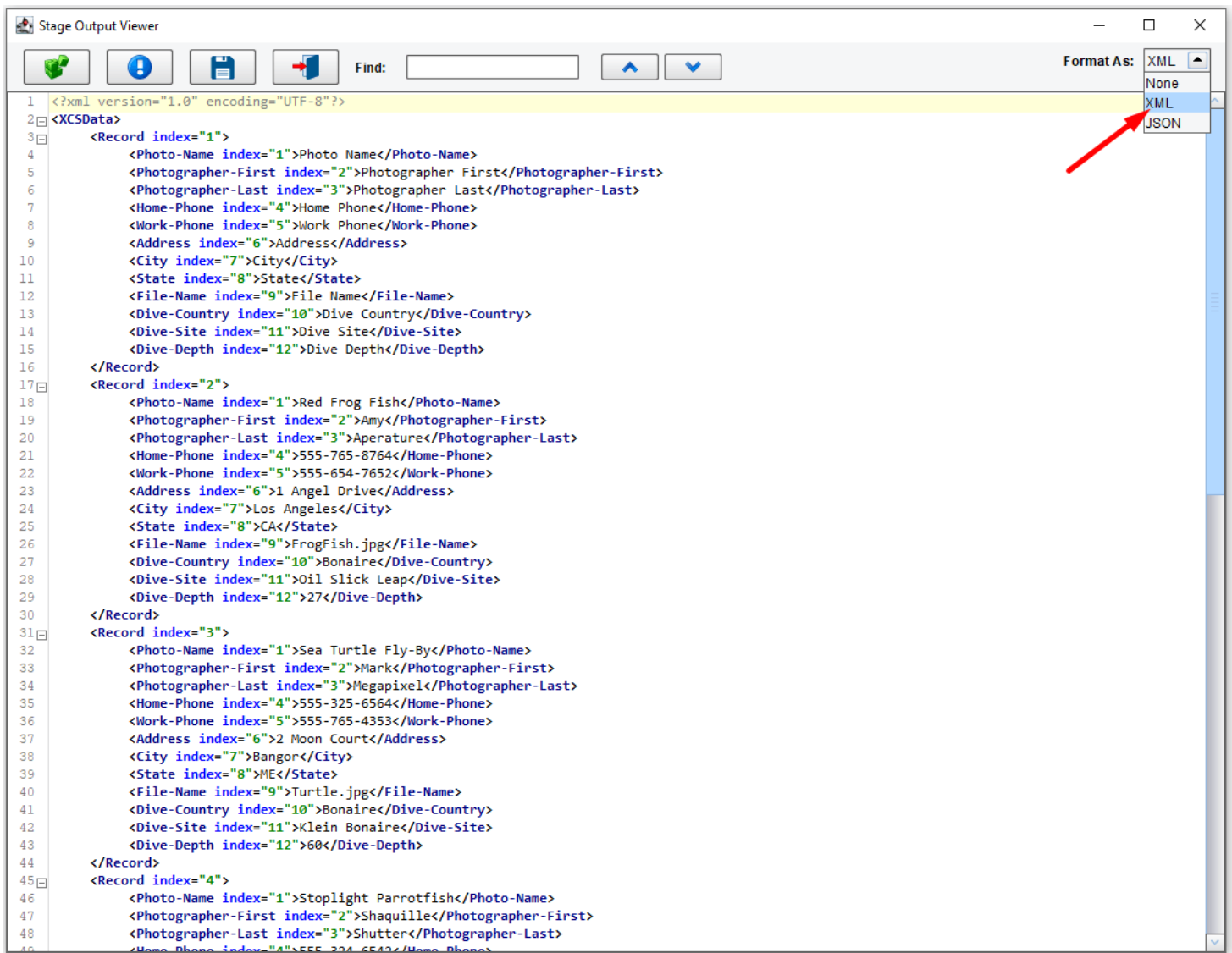
Editor Import From File Remove Remove All

Test Results

| TX ID | Stage End    | Stage Time   | Percent | Status  |
|-------|--------------|--------------|---------|---------|
| 1     | 12:18:13.894 | 00:00:00.151 | 18.11   | Success |

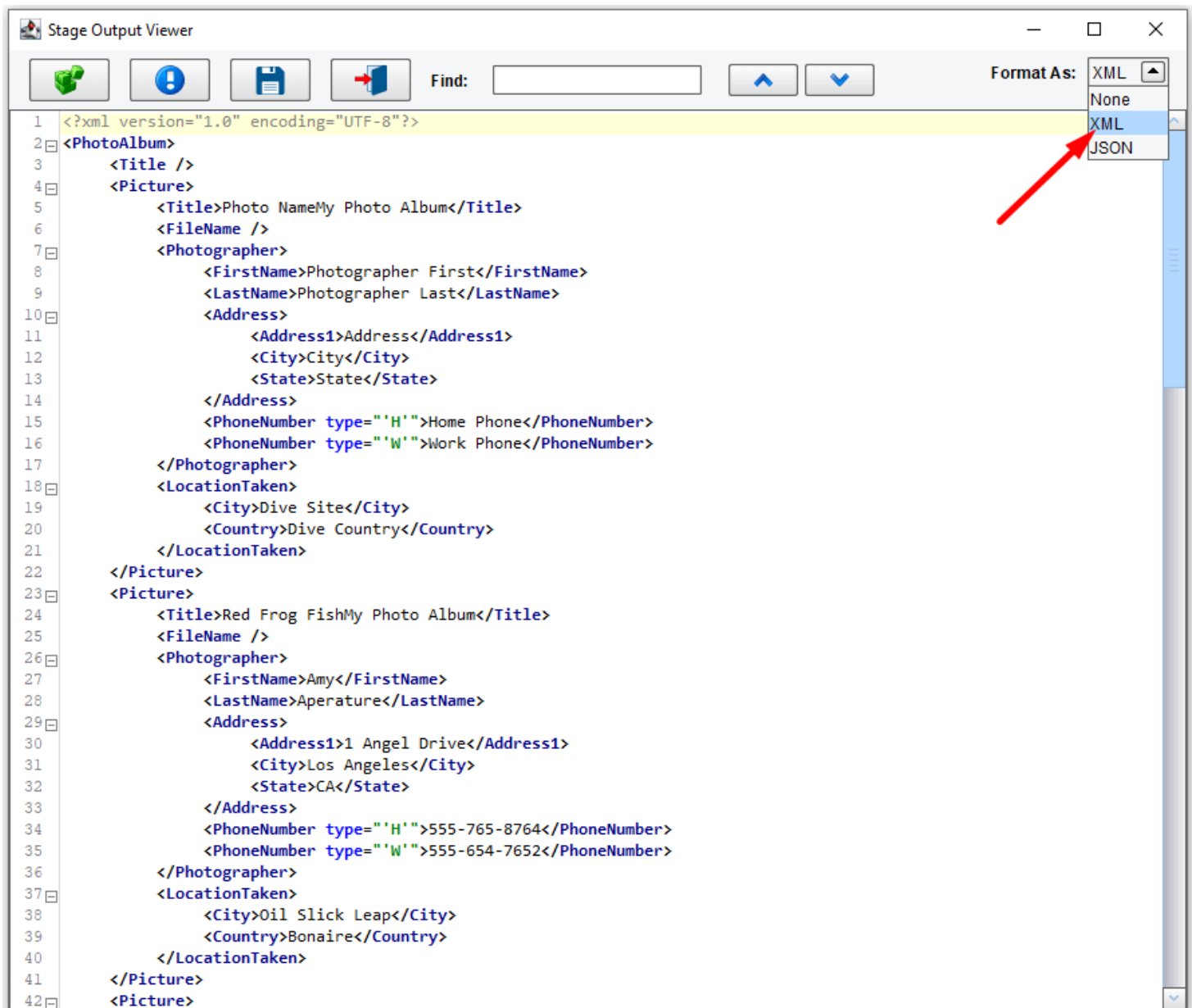
View Stage Output

You then took that data and the File Specification Editor translated it into a generic [format](#)—Double-click on the **Delimited and Fixed-Width** row within the objects of the selected stage panel.



The **Stage Output Viewer** window opens. Choose the **XML** format in the drop-down menu.





That XML format was then converted through the [XSLT](#) generated by the [Data Mapper](#) into the Photo Album XML Standard. Double-click **XSLT** in the same panel, under the Stage Type, to view the panel above.

PilotFish eiConsole [Getting-Started-Interface]

File Edit Mode Find Tools Help

Execute Test Test Mode Configuration Clear Test Config Create testing trace

| Source System    | Listener                                                                | Source Transform | Route                     | Target Transform | Transport                                                                | Target System      |
|------------------|-------------------------------------------------------------------------|------------------|---------------------------|------------------|--------------------------------------------------------------------------|--------------------|
| Flat File Source | Getting-Started-Interface.Directory / File Listener<br>Directory / File | FlatFileToXML    | Getting-Started-Interface | Relay            | Getting-Started-Interface.Directory / File Transport<br>Directory / File | XML Capable Target |

Objects within selected stage:

| Stage Status                                                                                                                                                        | Stage Name | Stage Type |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
|   | Router     | Routing    |

Testing Configuration

Stage Configuration

☐ Start Test Here ☐ Skip This Stage

☐ Trace Point After Here ☐ End Test After Here

Alternate Testing Data

Source

Stage Transaction Attributes

Transaction Attributes Global Attributes

| Key | Value |
|-----|-------|
|-----|-------|

Editor Import From File Remove Remove All

Test Results

| TX ID | Stage End    | Stage Time   | Percent | Status  |
|-------|--------------|--------------|---------|---------|
| 1     | 12:18:14.556 | 00:00:00.009 | 1.08    | Success |

View Stage Output

Next, click the **Route** stage. The [Routing Module](#) routed the data along to the one and only Target System.

PilotFish eiConsole [Getting-Started-Interface]

File Edit Mode Find Tools Help

Execute Test Test Mode Configuration Clear Test Config Create testing trace

| Source System    | Listener                                                                | Source Transform | Route                     | Target Transform | Transport                                                                | Target System      |
|------------------|-------------------------------------------------------------------------|------------------|---------------------------|------------------|--------------------------------------------------------------------------|--------------------|
| Flat File Source | Getting-Started-Interface.Directory / File Listener<br>Directory / File | FlatFileToXML    | Getting-Started-Interface | Relay            | Getting-Started-Interface.Directory / File Transport<br>Directory / File | XML Capable Target |

Objects within selected stage:

| Stage Status                                                                                                                                                        | Stage Name        | Stage Type     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------|
|   | Joining           | Joining        |
|   | No Transformation | Transformation |

Testing Configuration

Stage Configuration

☐ Start Test Here ☐ Skip This Stage

☐ Trace Point After Here ☐ End Test After Here

Alternate Testing Data

Source

Stage Transaction Attributes

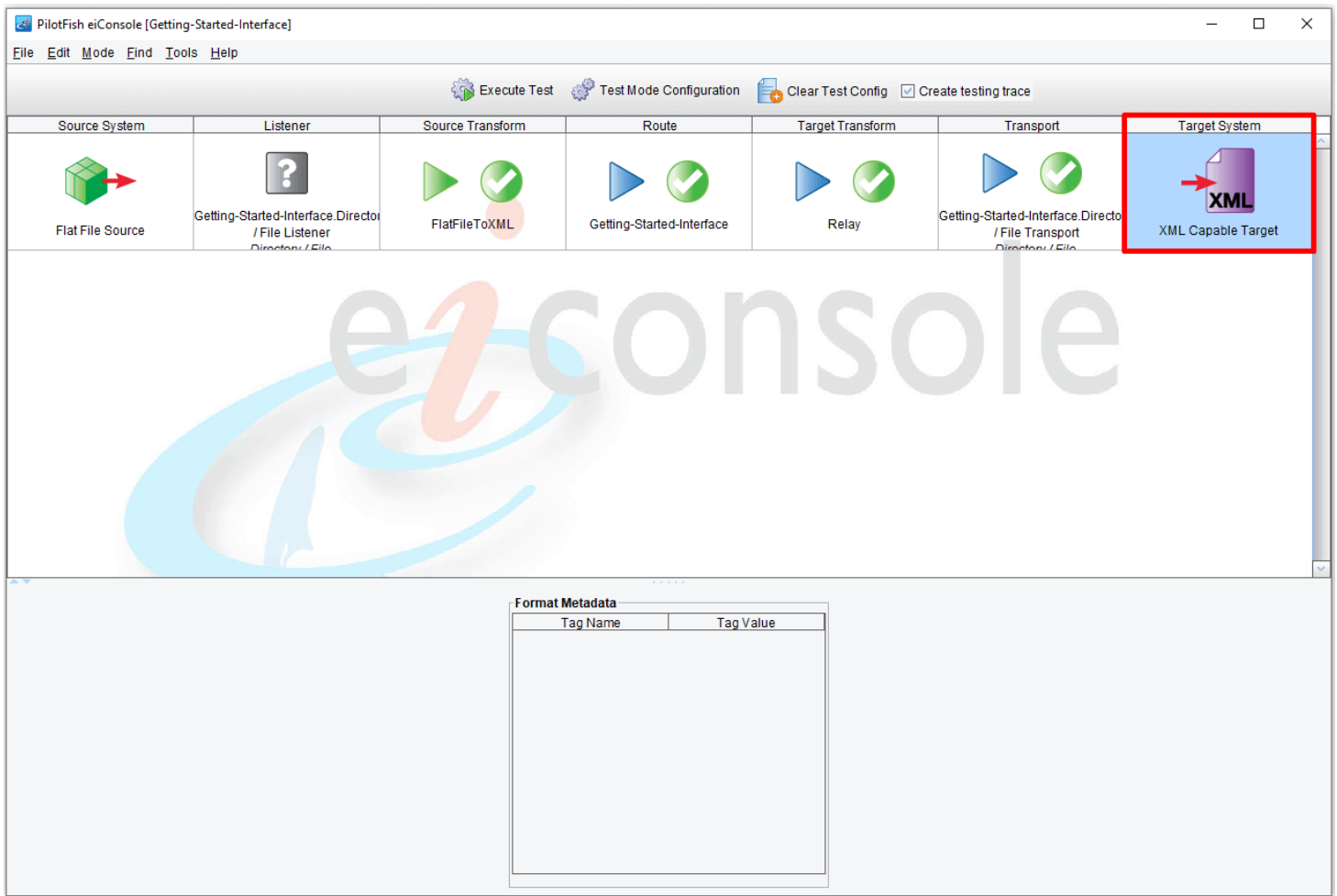
Transaction Attributes Global Attributes

| Key | Value |
|-----|-------|
|-----|-------|

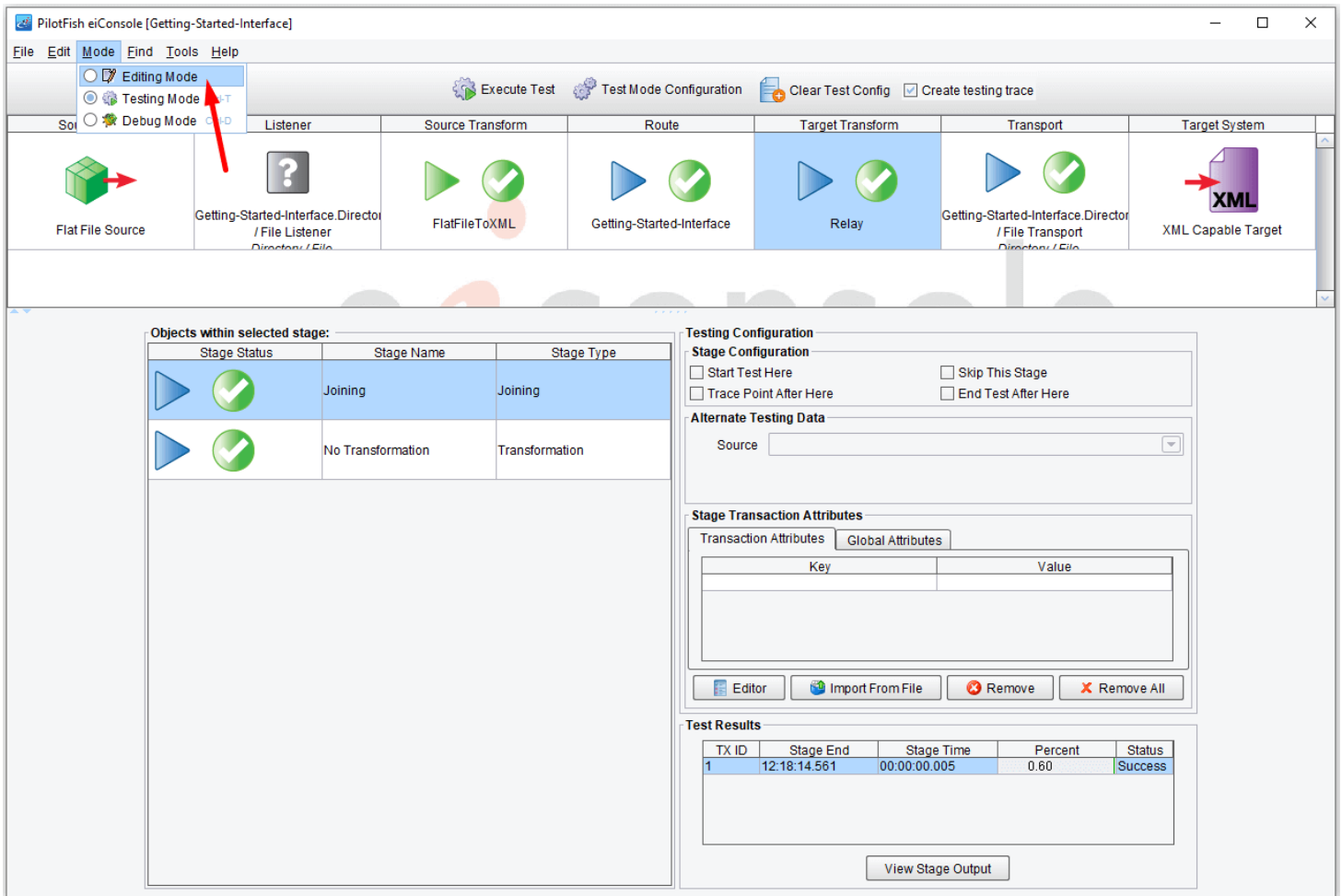
Test Results

| TX ID | Stage End    | Stage Time   | Percent | Status  |
|-------|--------------|--------------|---------|---------|
| 1     | 12:18:14.561 | 00:00:00.005 | 0.60    | Success |

Next, click the **Target Transform** stage. The Target Transformation relayed this data forward without any further transformation.

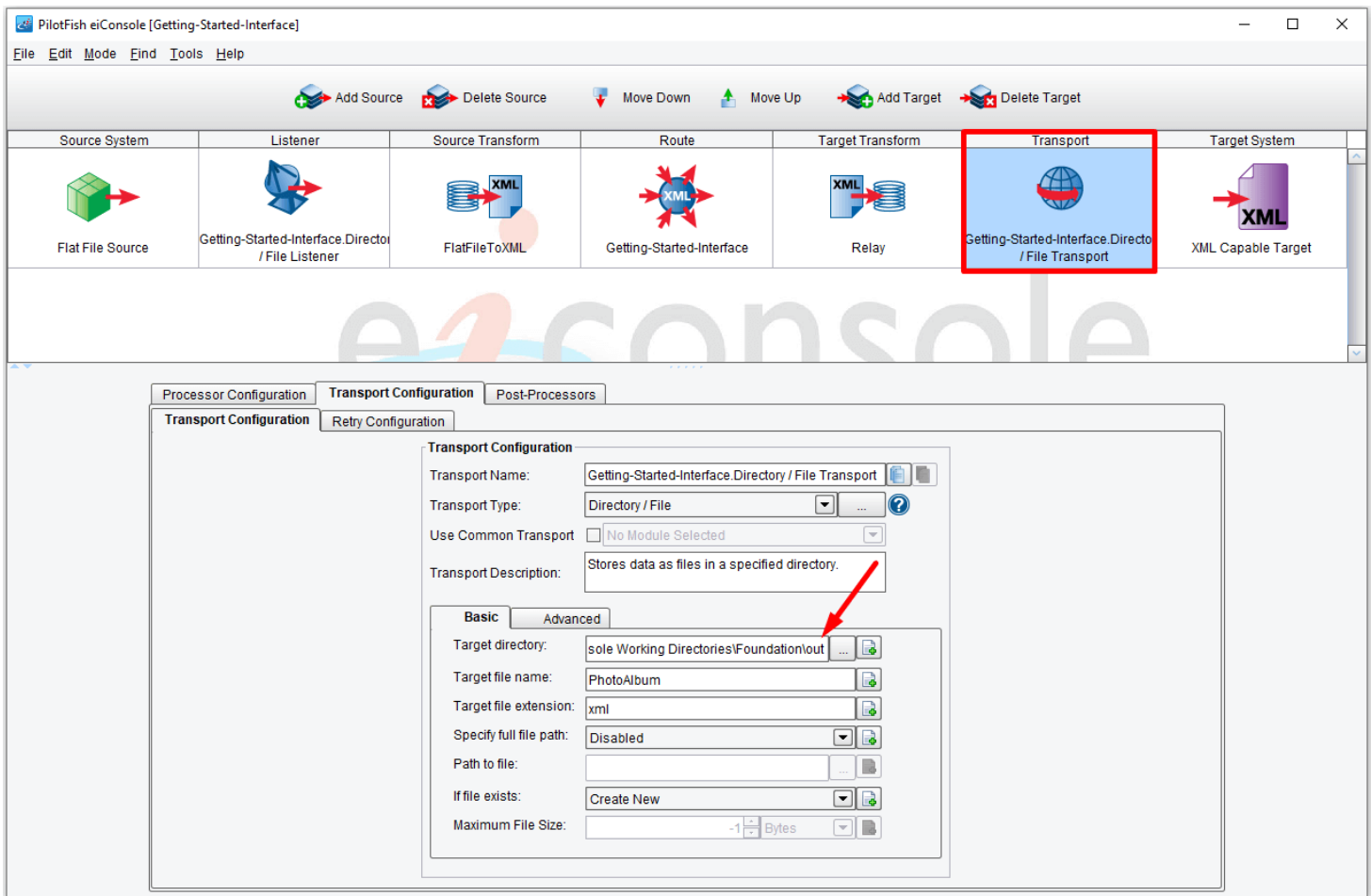


Finally, click the **Target System** stage. The Transport took that file and deposited it in the directory.

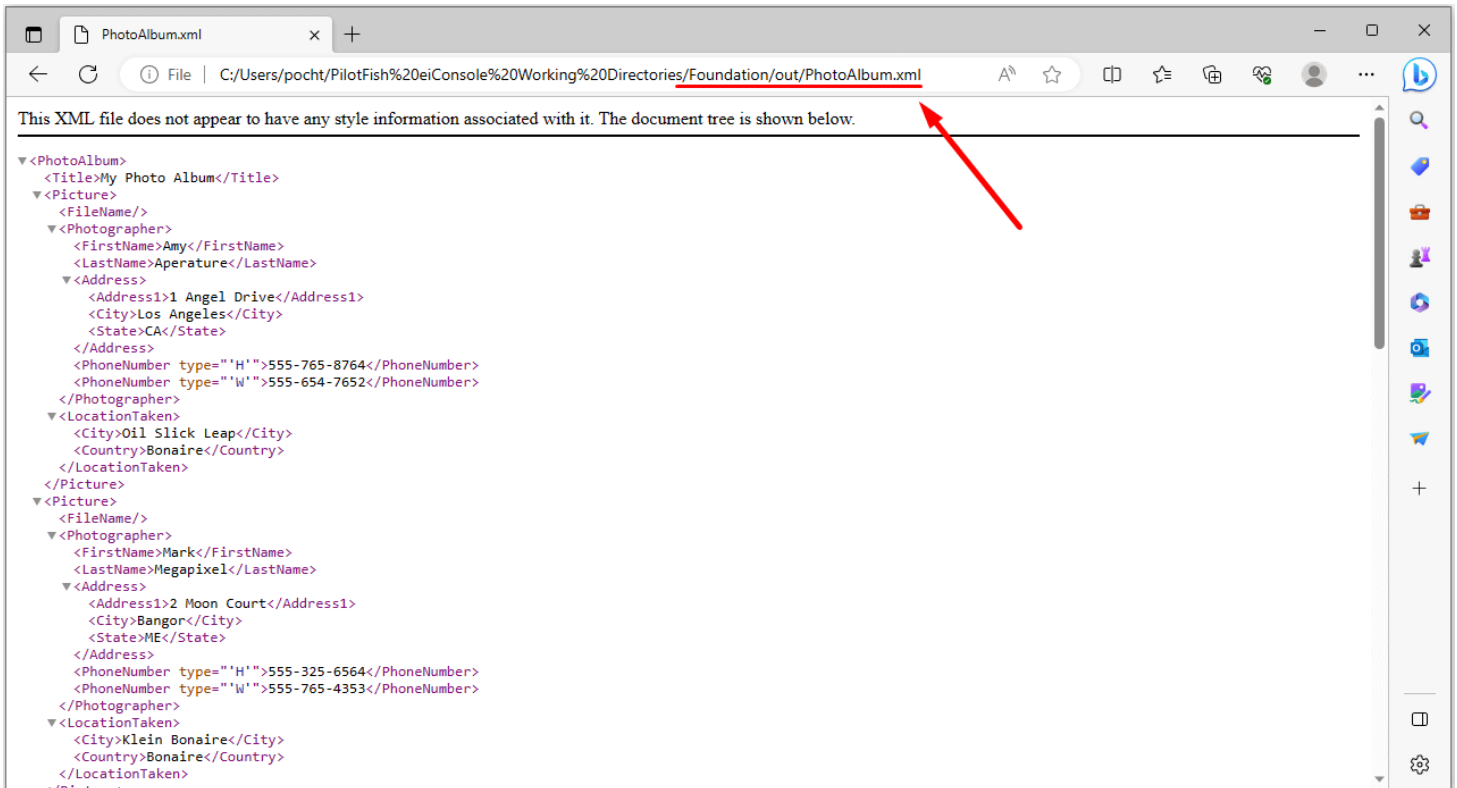


To find the file written with the Directory Transport:

- 1) Return to editing mode by selecting the [Route](#) and then **Editing Mode** from the Mode drop-down.



- 2) Select the Transport stage
- 3) Copy the contents of the "**Target directory**" configuration item
- 4) Paste the contents into a file browser on your computer, or navigate to the "**out**" directory of your [Working Directory](#) folder. In our case it's: c:\Users\{USER\_NAME}\PilotFish eiConsole Working Directories\Foundation\out



5) Open the created "**PhotoAlbum.xml**" file

You have now validated that the file was deposited in the directory.

To return to the File Management window, select **File** menu and select **File Management** from the drop-down.