

8. Routing and Transaction Monitoring (Tutorial)

<https://cms.pilotfishtechnology.com/7routing-and-transaction-monitoring-tutorial>

eiConsole v.20R1
Tutorial 30 mins

eiConsole Foundation Routing and Transaction Monitoring

You will need to download sample files to do this tutorial. If you have not done so yet, please click this [LINK](#).

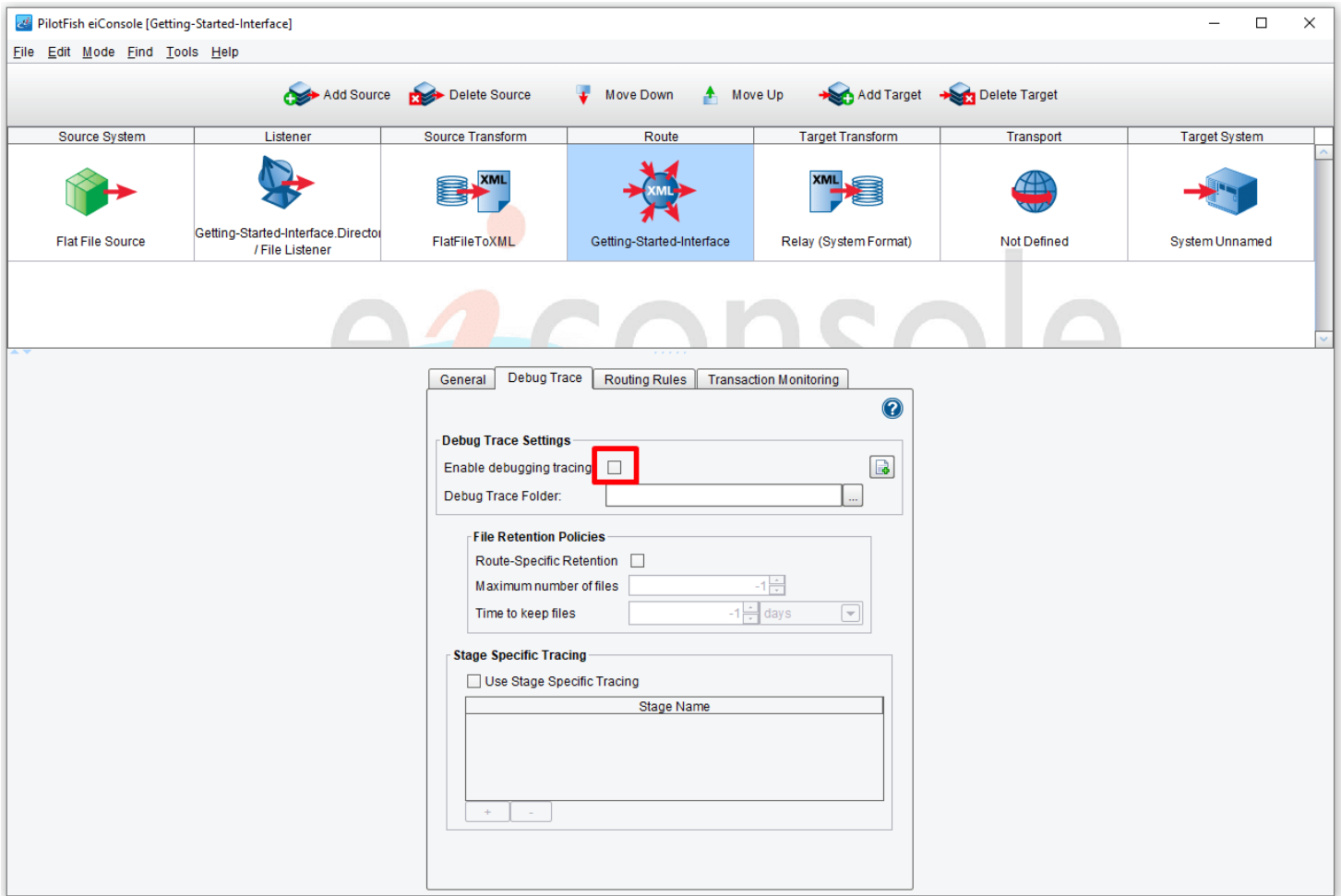
Note: The Tutorials in eiConsole Foundation, 1-13, are modular and are designed to be used in the sequence presented.

The screenshot displays the eiConsole interface for configuring a routing stage. The top toolbar includes buttons for 'Add Source', 'Delete Source', 'Move Down', 'Move Up', 'Add Target', and 'Delete Target'. Below this is a process flow diagram with seven stages: Source System (Flat File Source), Listener (Getting-Started-Interface.Directory / File Listener), Source Transform (FlatFileToXML), Route (Getting-Started-Interface, highlighted with a red box), Target Transform (Relay (System Format)), Transport (Not Defined), and Target System (System Unnamed). The 'Route' stage is selected, opening a configuration dialog with the following sections:

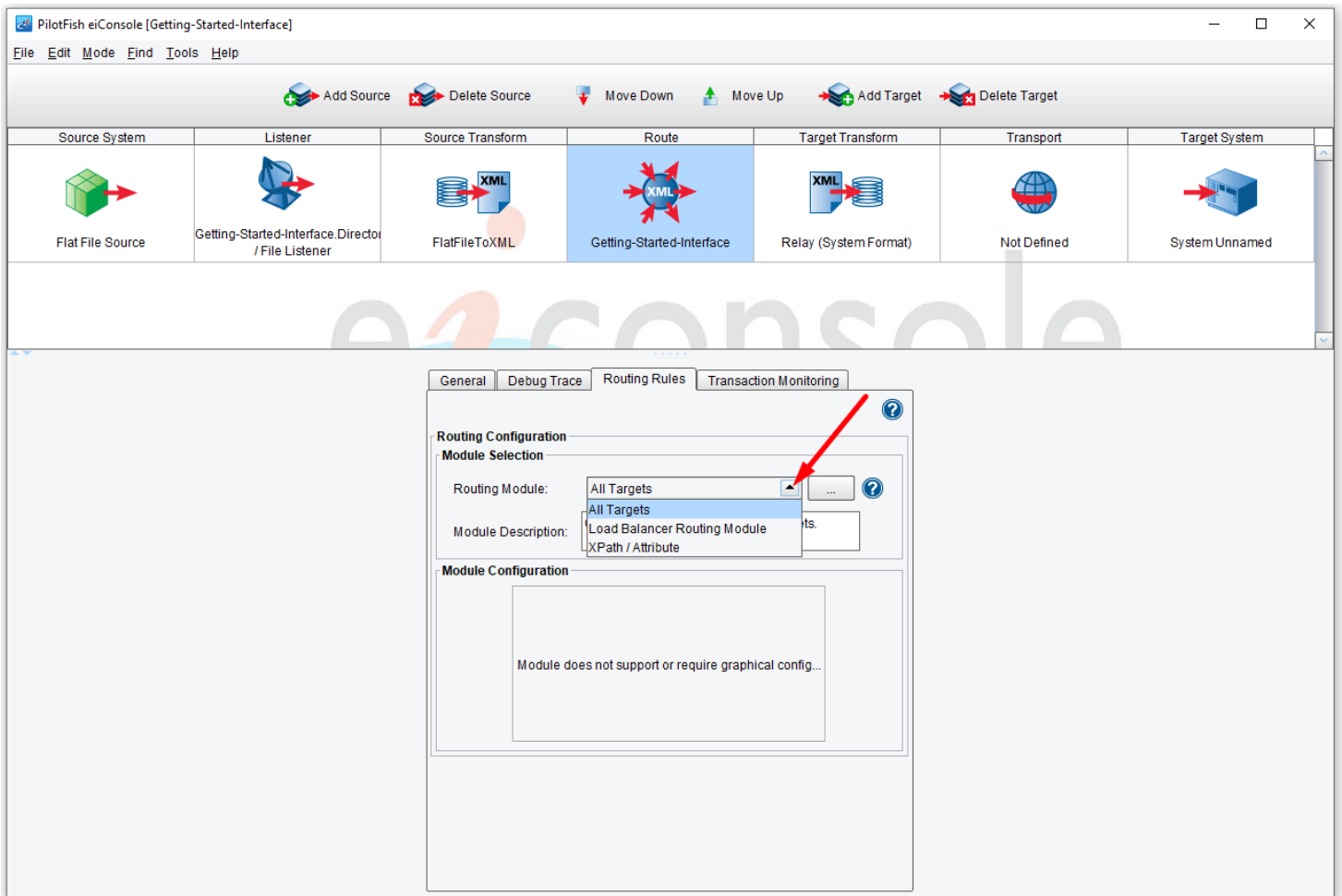
- General** (selected tab)
- Route Settings**: Route Name (Getting-Started-Interface), Route Description (empty), and an Edit button.
- Route Metadata**: A table with columns 'Tag Name' and 'Tag Value', and 'Add' and 'Remove' buttons.
- Pool Configuration**: 'Use Route Specific Pooling' (checked), 'Configure Route Specific Pooling' (disabled), and an Edit button.

The Routing stage is where you will have the opportunity to implement Routing Rules that will help you determine which one of potentially many [target](#) systems to send the data to.

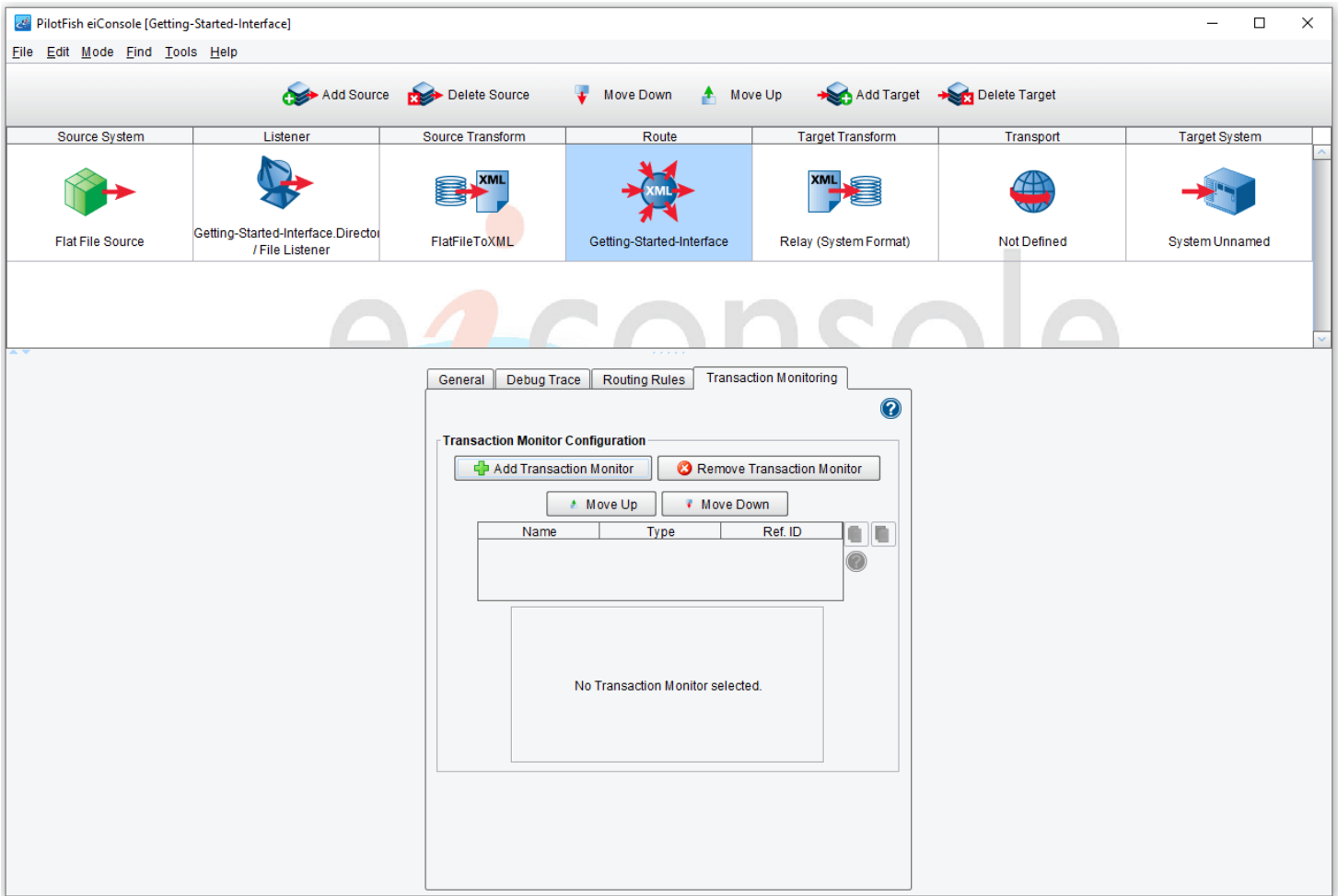
When you click on the Route stage, the default tab in the dialogue window is General. Leave the panel's settings as they are configured.



Click on the Debug Trace tab. Leave the **Enable debugging tracing** unchecked.



Click on the Routing Rules tab. Because there is only one Target in this [interface](#), the **All Targets** Routing Module should be selected (this is the default).



Select the **Transaction Monitoring** Tab.

In the Route stage, you can also configure Transaction Monitoring. Transaction Monitoring allows you to configure the behavior of the system when something goes wrong. Proactive notifications can be sent through email, SNMP trap, or several other mechanisms. You can add transaction monitors by clicking the Add Transaction Monitor button in the panel. Click the Add Transaction Monitor to view the dialogue. Here you would enter the name of the monitor and select the monitor type. Leave the Transaction Monitor blank. Click cancel and proceed to the next stage.