

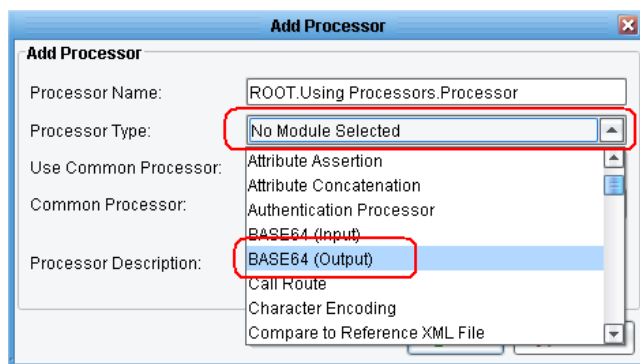
# Using Processors

## Overview

In this exercise, we'll build on the concepts from "Exercise 1: Creating a Simple Route" to incorporate a single Processor to perform Base64-encoding of messages. If you have not yet walked through that tutorial or are not familiar with the concepts introduced, it is recommended you step through it first.

## Steps

1. Create a new Route called "Exercise 2: Using Processors".
2. Define and configure a single Source and Target using a Directory Listener and Directory Transport.
3. Add a Processor to the Listener stage by clicking on the Processor Configuration tab and click "Add Processor".

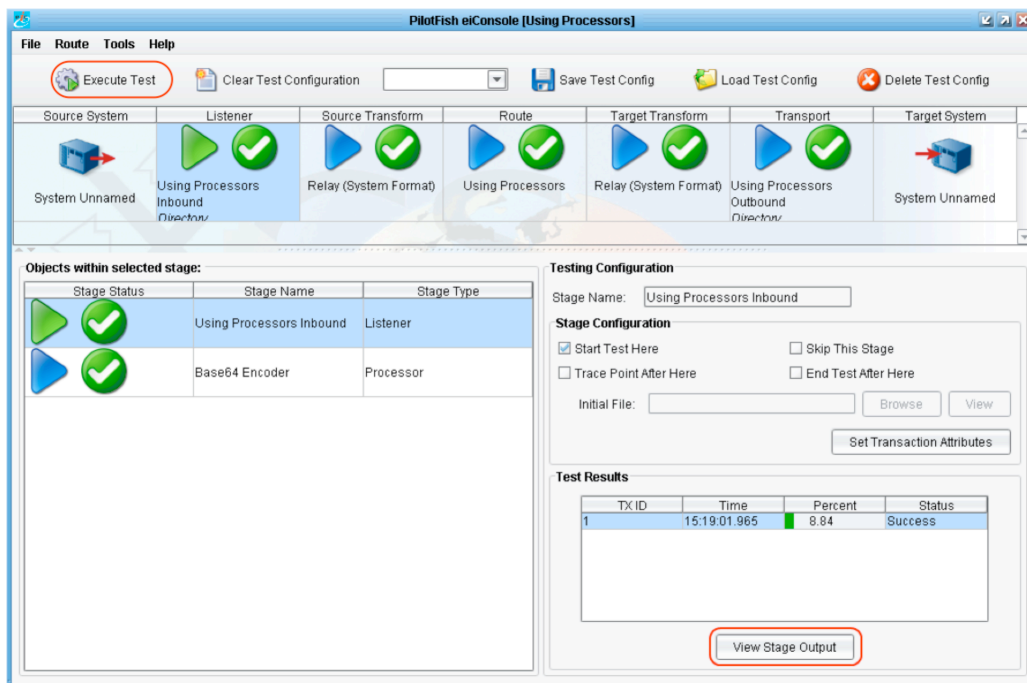


4. Select "Base64 (Output)" from the list:
5. Name your Processor "Base64 Encoder" and click "Add".

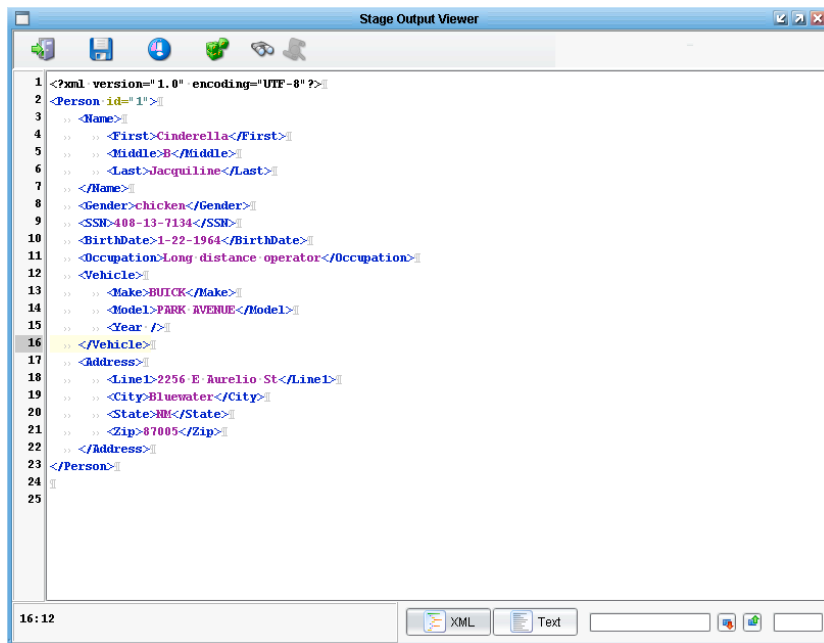
Most Processors require some configuration, but this particular one does not. Depending on your eiConsole version, you may have an "Execute Processor" option available, which allows you to specify if the Processor actually runs or not. Leave this option checked.

## Testing

Switch to Testing Mode and Execute Test



View Stage Output for the Listener and the Processor and verify that the Base64 encoding can be seen in the Processor Output and in the output.txt file.

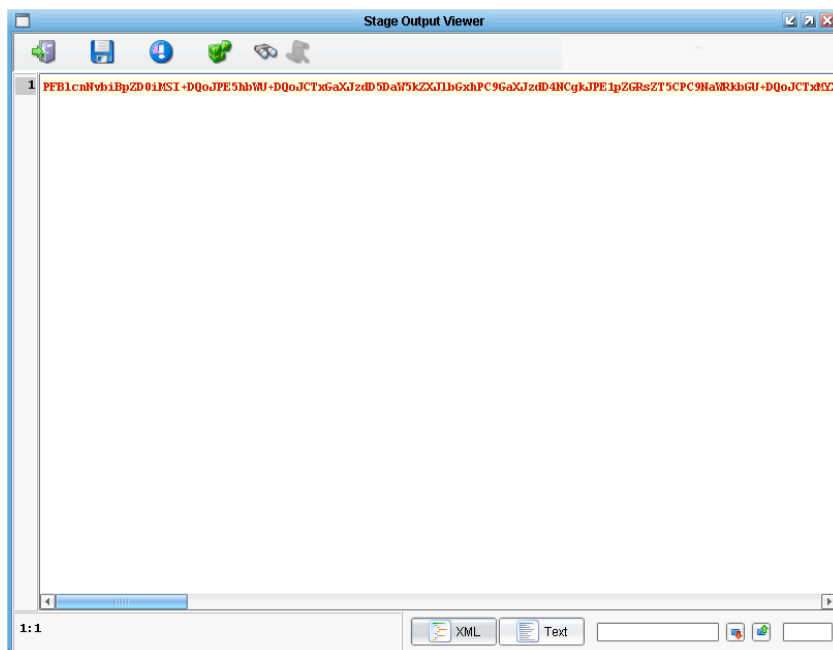


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1 <?xml version="1.0" encoding="UTF-8"?>
2 <Person id="1">
3   <Name>
4     <First>Cinderella</First>
5     <Middle>B</Middle>
6     <Last>Jacqueline</Last>
7   </Name>
8   <Gender>chicken</Gender>
9   <SSN>408-13-7134</SSN>
10  <BirthDate>1-22-1964</BirthDate>
11  <Occupation>Long distance operator</Occupation>
12  <Vehicle>
13    <Make>BUICK</Make>
14    <Model>PARK AVENUE</Model>
15    <Year />
16  </Vehicle>
17  <Address>
18    <Line1>2256 E Aurelio St</Line1>
19    <City>Bluewater</City>
20    <State>MI</State>
21    <Zip>48005</Zip>
22  </Address>
23 </Person>
24
25

```

16:12 XML Text



```

1 PFB1cmNvb1BpZD0iMSIuDQoJPE5hbWUuDQoJCTxGaXJzdD0aI75kZGJlbGxhPC9GaXJzdD04MCgk7PE1pZGRsZT5CPC9NaVRkbGUuDQoJCTx0YX

```

1:1 XML Text