

Message Bus

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Camel supports the [Message Bus](#) from the [EIP patterns](#). You could view Camel as a Message Bus itself as it allows producers and consumers to be decoupled.

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Folks often assume that a Message Bus is a JMS though so you may wish to refer to the [JMS](#) component for traditional MOM support. Also worthy of note is the [XMPP](#) component for supporting messaging over XMPP (Jabber)

Of course there are also ESB products such as [Apache ServiceMix](#) which serve as full fledged message busses. You can interact with [Apache ServiceMix](#) from Camel in many ways, but in particular you can use the [NMR](#) or [JBI](#) component to access the ServiceMix message bus directly.

Example

The following demonstrates how the Camel message bus can be used to communicate with consumers and producers

Using the [Fluent Builders](#)

```
from("direct:start")
    .pollEnrich("file:inbox?fileName=data.txt")
    .to("jms:queue:foo");
```

Using the [Spring XML Extensions](#)

```
<route>
  <from uri="direct:start"/>
  <pollEnrich uri="file:inbox?fileName=data.txt"/>
  <to uri="jms:queue:foo"/>
</route>
```

Using This Pattern

If you would like to use this EIP Pattern then please read the [Getting Started](#), you may also find the [Architecture](#) useful particularly the description of [Endpoint](#) and [URIs](#). Then you could try out some of the [Examples](#) first before trying this pattern out.