

Templating

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When you are testing distributed systems its a very common requirement to have to stub out certain external systems with some stub so that you can test other parts of the system until a specific system is available or written etc.

A great way to do this is using some kind of Template system to generate responses to requests generating a dynamic message using a mostly-static body.

There are a number of templating components included in the Camel distribution you could use

- [FreeMarker](#)
- [Mustache](#)
- [StringTemplate](#)
- [Velocity](#)
- [XQuery](#)
- [XSLT](#)

or the following external Camel components

- [Scalate](#)

Example

Here's a simple example showing how we can respond to InOut requests on the **My.Queue** queue on [ActiveMQ](#) with a template generated response. The reply would be sent back to the JMSReplyTo Destination.

```
from( "activemq:My.Queue" ).
  to( "velocity:com/acme/MyResponse.vm" );
```

If you want to use InOnly and consume the message and send it to another destination you could use

```
from( "activemq:My.Queue" ).
  to( "velocity:com/acme/MyResponse.vm" ).
  to( "activemq:Another.Queue" );
```

See Also

- [Mock](#) for details of mock endpoint testing (as opposed to template based stubs).