

Mustache

Mustache

Available as of Camel 2.12

The **mustache:** component allows for processing a message using a [Mustache](#) template. This can be ideal when using [Templating](#) to generate responses for requests.

Maven users will need to add the following dependency to their `pom.xml` for this component:

```
<dependency>
<groupId>org.apache.camel</groupId>
<artifactId>camel-mustache</artifactId>
<version>x.x.x</version> <!-- use the same version as your Camel core version -->
</dependency>
```

URI format

```
mustache:templateName[?options]
```

Where **templateName** is the classpath-local URI of the template to invoke; or the complete URL of the remote template (eg: [file://folder/myfile.mustache](#)).

You can append query options to the URI in the following format, `?option=value&option=value&...`

Options

Option	Default	Description
encoding	null	Character encoding of the resource content.
startDelimiter	{{	Characters used to mark template code beginning.
endDelimiter	}}	Characters used to mark template code end.

Mustache Context

Camel will provide exchange information in the Mustache context (just a Map). The Exchange is transferred as:

key	value
exchange	The Exchange itself.
exchange.properties	The Exchange properties.
headers	The headers of the In message.
camelContext	The Camel Context.
request	The In message.
body	The In message body.
response	The Out message (only for InOut message exchange pattern).

Dynamic templates

Camel provides two headers by which you can define a different resource location for a template or the template content itself. If any of these headers is set then Camel uses this over the endpoint configured resource. This allows you to provide a dynamic template at runtime.

Header	Type	Description	Support Version
MustacheConstants.MUSTACHE_RESOURCE_URI	String	A URI for the template resource to use instead of the endpoint configured.	
MustacheConstants.MUSTACHE_TEMPLATE	String	The template to use instead of the endpoint configured.	

Samples

For example you could use something like:

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

To use a Mustache template to formulate a response for a message for InOut message exchanges (where there is a `JMSReplyTo` header).

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

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

It's possible to specify what template the component should use dynamically via a header, so for example:

```
from("direct:in").  
setHeader(MustacheConstants.MUSTACHE_RESOURCE_URI).constant("path/to/my/template.mustache").  
to("mustache:dummy");
```

The Email Sample

In this sample we want to use Mustache templating for an order confirmation email. The email template is laid out in Mustache as:

```
Dear {{headers.lastName}}, {{headers.firstName}}  
  
Thanks for the order of {{headers.item}}.  
  
Regards Camel Riders Bookstore  
{{body}}
```

See Also

- [Configuring Camel](#)
- [Component](#)
- [Endpoint](#)
- [Getting Started](#)