

Integration Community of Practice: CXF gzip support in pure Blueprint XML

Posted by [Michael Thirion](#) May 4, 2016

The support for request/response compression, enabling by the well known "Accept-Encoding=gzip,deflate" HTTP header, is often missing in CXF-based Camel routes, because it's not enabled by default on the CXF bus and because it's easy to have it disabled in tools like SOAPUI (preferences > request compression and preferences > response compression).

It's however very simple to add such a support in a pure Blueprint.xml fashion without any other kind of configuration:

```
<blueprint xmlns="http://www.osgi.org/xmlns/blueprint/v1.0.0" xmlns:cxf="http://camel.apache.org/schema/blueprint/cxf" ...>
```

```
...
```

```
<bean id="gZipOutInterceptor" class="org.apache.cxf.transport.common.gzip.GZIPOutInterceptor" />
```

```
<bean id="gZipInInterceptor" class="org.apache.cxf.transport.common.gzip.GZIPInInterceptor" />
```

```
<cxf:cxfEndpoint id="myServiceEndpoint"
```

```
    address="{{myServiceEndpointAddressProperty}}" wsdlURL="wsdl/myService.wsdl"
```

```
    endpointName="s:myServiceSoap" serviceName="s:myService"
```

```
    xmlns:s="urn:myServiceNamespace">
```

```
<cxf:properties>
```

```
    <entry key="dataFormat" value="MESSAGE" />
```

```
</cxf:properties>
```

```
<cxf:outInterceptors>
```

```
    <ref component-id="gZipOutInterceptor" />
```

```
</cxf:outInterceptors>
```

```
<cxf:inInterceptors>
```

```
    <ref component-id="gZipInInterceptor" />
```

```
</cxf:inInterceptors>
```

```
</cxf:cxfEndpoint>
```

```
...
```

```
<camelContext xmlns="http://camel.apache.org/schema/blueprint">
```

```
...
```

```
</camelContext>
```

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</blueprint>

10 Views Tags: [soap](#), [camel](#), [gzip](#), [cxf interceptors](#)

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