

How do I use Spring Property Placeholder with Camel XML

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We do **NOT** yet support the `${something}` notation inside arbitrary Camel XML. For example at the time of writing this is **NOT** supported (due Spring limitations)

IS NOT SUPPORTED

```
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="
http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans-2.0.
xsd
http://activemq.apache.org/camel/schema/spring http://activemq.apache.org/camel/schema/spring/camel-
spring.xsd
">

<bean class="org.springframework.beans.factory.config.PropertyPlaceholderConfigurer"/>

<camelContext xmlns="http://activemq.apache.org/camel/schema/spring">
  <route>
    <from uri="activemq:${someQueueName}"/>
    <to uri="mock:results"/>
  </route>
</camelContext>

</beans>
```

However you can use the **<endpoint/>** element to define endpoints which does support the property resolving which you can then refer to by name, using the [Ref](#) component as shown below (notice the ref: in the uri):

SUPPORTED

```
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="
http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans-2.0.
xsd
http://activemq.apache.org/camel/schema/spring http://activemq.apache.org/camel/schema/spring/camel-
spring.xsd
">

<bean class="org.springframework.beans.factory.config.PropertyPlaceholderConfigurer"/>

<camelContext xmlns="http://activemq.apache.org/camel/schema/spring">
  <endpoint id="input1" uri="activemq:${someQueueName}"/>

  <route>
    <from uri="ref:input1"/>
    <to uri="activemq:OutputQueue"/>
  </route>
</camelContext>

</beans>
```

Camel does not yet fully support property placeholders as there is a limitation in Spring. See JIRA [SPR-4466](#)



Bridge Spring and Camel property placeholders

From Camel 2.10 onwards you can bridge Spring and Camel property placeholders, see [Using PropertyPlaceholder](#) for more details.

Here is a trick that you can use to define the uri in a property file using Spring injection and Camel endpoint : <http://cmoulliard.blogspot.com/2009/05/trick-to-pass-uri-declared-in-property.html>.

From Camel 2.3 onwards there is a [Properties](#) component build in Camel core which allows you to use properties in the same way as Spring property placeholders, and even more.