Zimbra   **jmurphey@redhat.com**

Re: Spring XML with Fuse 6.2.1 on EAP

From : Viral Gohel <vgohel@redhat.com>   Wed, Jan 06, 2016 10:14 AM
Sender : fuse-eng-help-bounces@redhat.com   🏷 priority-docContent
Subject : Re: Spring XML with Fuse 6.2.1 on EAP
To : Torsten Mielke <tmielke@redhat.com>
Cc : fuse-eng-help@redhat.com fuse-eng-help@redhat.com <fuse-eng-
help@redhat.com>

Hi Torsten,

Yes, it is a pity that file names have to be changed. But unless the files names are given,
i am not sure the camelContext will be bootstrapped and then initialized.
Here's the naming convention, https://github.com/wildfly-extras/wildfly-
camel/blob/master/subsystem/src/main/java/org/wildfly/extension/camel/CamelConstants.java#L53

This community guide provides more details about the deployment,
https://docs.jboss.org/author/display/wfcam/User+Guide, check for 'Camel Context Deployments'.

What i learned referring to the system test for various camel components from here,
https://github.com/wildfly-extras/wildfly-camel/tree/master/itests/standalone/basic/src/main/java/org/wildfly/camel/test is
that components which depend on spring, use the file convention of the component name, but i
am not sure or won't believe in this theory yet.

For example, checking this camel-cxf test, https://github.com/wildfly-extras/wildfly-
camel/blob/master/itests/standalone/basic/src/main/java/org/wildfly/camel/test/cxf/CXFSpringContextTest.java#L56, the
file name is cxf-camel-context.xml.
For JDBC namespace, its https://github.com/wildfly-extras/wildfly-
camel/blob/master/itests/standalone/basic/src/main/java/org/wildfly/camel/test/spring/SpringJdbcNamespaceTest.java#L46.

Best Regards,
Viral

----- Original Message -----
From: "Torsten Mielke" <tmielke@redhat.com>
To: "Viral Gohel" <vgohel@redhat.com>
Cc: "Kevin Boone" <kboone@redhat.com>, "fuse-eng-help@redhat.com fuse-eng-help@redhat.com"
<fuse-eng-help@redhat.com>
Sent: Wednesday, January 6, 2016 8:18:56 PM
Subject: Re: Spring XML with Fuse 6.2.1 on EAP

So far a (somewhat loose) naming convention was to name Camel Spring files camel-
context.xml. Many customers follow this practice.
Its a bit of a pity that a file named camel-context.xml would not be considered here. But it
seems too late to change easily?

My two cents,
Torsten

> On 06 Jan 2016, at 14:21 PM, Viral Gohel <vgohel@redhat.com> wrote:
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> Cc: "fuse-eng-help@redhat.com fuse-eng-help@redhat.com" <fuse-eng-help@redhat.com>
> Sent: Wednesday, January 6, 2016 6:46:55 PM
> Subject: Re: Spring XML with Fuse 6.2.1 on EAP
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>>   -DgroupId=com.myapp \
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>> From: "Kevin Boone" <kboone@redhat.com>
>> To: "Viral Gohel" <vgohel@redhat.com>
>> Cc: "fuse-eng-help@redhat.com fuse-eng-help@redhat.com" <fuse-eng-help@redhat.com>
>> Sent: Wednesday, 6 January, 2016 12:34:26 PM
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tmielke@redhat.com
tmielke.blogspot.com
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Re: Spring XML with Fuse 6.2.1 on EAP

From : Torsten Mielke <tmielke@redhat.com>   Wed, Jan 06, 2016 09:48 AM

Sender : fuse-eng-help-bounces@redhat.com

Subject : Re: Spring XML with Fuse 6.2.1 on EAP

To : Viral Gohel <vgohel@redhat.com>

Cc : fuse-eng-help@redhat.com fuse-eng-help@redhat.com <fuse-eng-help@redhat.com>

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Re: Spring XML with Fuse 6.2.1 on EAP

From : Christina Lin <clin@redhat.com>

Sender : fuse-eng-help-bounces@redhat.com

Subject : Re: Spring XML with Fuse 6.2.1 on EAP

To : Kevin Boone <kboone@redhat.com>

Cc : fuse-eng-help@redhat.com fuse-eng-help@redhat.com <fuse-eng-
help@redhat.com>

Wed, Jan 06, 2016 09:06 AM

🏷 priority-docContent

Hi Kevin,

I did a workshop that explain the possible archetype supported in EAP and how it is done,
http://wei-meilin.blogspot.tw/2015/12/red-hat-jboss-fuse-workshop-101-fuse-in.html

And posted a few blog on the details, please check out the post I did in
http://wei-meilin.blogspot.tw/2015_12_01_archive.html

-Christina L

On 2016年1月6日, at 下午7:55, Kevin Boone <kboone@redhat.com> wrote:

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PS. This question is specifically about the new EAP support in Fuse 6.2.1, not Camel-on-EAP in general.

Re: Spring XML with Fuse 6.2.1 on EAP

From : Viral Gohel <vgohel@redhat.com>   Wed, Jan 06, 2016 08:48 AM

Sender : fuse-eng-help-bounces@redhat.com   🏷 priority-docContent

Subject : Re: Spring XML with Fuse 6.2.1 on EAP

   To : Kevin Boone <kboone@redhat.com>

   Cc : fuse-eng-help@redhat.com fuse-eng-help@redhat.com <fuse-eng-
            help@redhat.com>

```
Hi Kevin,

Anybody could have not understood. I didn't check the doc initially, but since i also take
Switchyard cases, i remembered i had a camel jar application which i developed running on
EAP.
The doc is new and i agree that interpreting what needs to be done is really not pretty
clear enough.

A lot of things are mentioned on camel routes, but yes, these are mostly for configuring on
only the configuration files, (standalone.xml). These make the routes static and i don't
think in development env, then moving to production will have these static routes in the
EAP file configuration.
Hence, my point of view, the docs still need to be more clearer for anyone who doesn't have
knowledge of EAP before.

'another supported deployment' is hard to understand.

On the other side, camel is installed as a Resource in EAP and we can inject that using,

@Resource(name = "java:jboss/camel/context/mycontext")
    CamelContext camelContext;

Camel quickstarts are a bit different, they only have Java DSL and it seems that developers
are trying to highlight how camel can be used in a JEE container with @Resource or CDI.
Hence, i think there is no mentioning of spring xml files in the doc. And i am not sure why
?

I only created a jar file with the META-INF/spring/hi-camel-context.xml and it worked for
me.

We need have more clarity on the docs to understand this better.

Best Regards,
Viral

----- Original Message -----
From: "Kevin Boone" <kboone@redhat.com>
Cc: "fuse-eng-help@redhat.com fuse-eng-help@redhat.com" <fuse-eng-help@redhat.com>
Sent: Wednesday, January 6, 2016 6:59:53 PM
Subject: Re: Spring XML with Fuse 6.2.1 on EAP

Hi Viral

Thanks. Fair enough -- it is there in the documentation if you know how
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"You can deploy a camel context to JBoss EAP using the
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or as a standalone |XML| file."

Problem is, I didn't read that as applying to application development. I
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thought this was referring to server-level configuration. I guess the
problem here is my lack of EAP knowledge. I really don't know what is
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It seems to me that it's going to be increasingly necessary to have a
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    To : Kevin Boone <kboone@redhat.com>

    Cc : fuse-eng-help@redhat.com fuse-eng-help@redhat.com <fuse-eng-help@redhat.com>

Wed, Jan 06, 2016 08:40 AM

🏷 priority-docContent

```
Yes, that sentence probably wants rewording. Basically it translates to...


"part of another supported deployment" = any Jar, War, Ear deployment


"or as a standalone XML file" = dropping the -camel-context.xml file into the EAP
deployment directory



----- Original Message -----
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Cc: "fuse-eng-help@redhat.com fuse-eng-help@redhat.com" <fuse-eng-help@redhat.com>
Sent: Wednesday, 6 January, 2016 1:29:53 PM
Subject: Re: Spring XML with Fuse 6.2.1 on EAP


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>> Or there's a maven arechetype:
>>
>> mvn archetype:generate -DarchetypeGroupId=org.wildfly.camel.archetypes \

```
>>                               -DarchetypeArtifactId=wildfly-camel-archetype-spring \
>>                               -DarchetypeVersion=2.3.0.redhat-621084 \
>>                               -DgroupId=com.myapp \
>>                               -DartifactId=my-camel-spring-app
>>
>> --
>> James
>>
>> ----- Original Message -----
>> From: "Kevin Boone" <kboone@redhat.com>
>> To: "Viral Gohel" <vgohel@redhat.com>
>> Cc: "fuse-eng-help@redhat.com fuse-eng-help@redhat.com" <fuse-eng-help@redhat.com>
>> Sent: Wednesday, 6 January, 2016 12:34:26 PM
>> Subject: Re: Spring XML with Fuse 6.2.1 on EAP
>>
>> Hi Viral
>>
>> Thanks. Is it just a matter of putting the XML file in the right place,
>> or does something else need to be done? Do I have do something in code
>> to initialize Spring, or anything like that?
>>
>> I think I have the file in the right place:
>>
>> [kboone@localhost fuseoneap_helloworld]$ unzip -l
>> target/fuseoneap_helloworld-0.0.0.1.war |grep camel-context
>>           332  01-06-2016 12:09   META-INF/spring/camel-context.xml
>>
>> But it's not being processed, and there are no error messages.
>>
>> Sorry if I'm being thick -- I don't much about EAP at all :/
>>
>> Best wishes
>> Kevin
>>
>>
>> On 01/06/2016 12:25 PM, Viral Gohel wrote:
>>> Hi Kevin,
>>>
>>> With spring files you will need to name the file, using the -camel-context.xml suffix.
>>> For example, i was able to get a simple camel spring xml route working with my file
>> named META-INF/spring/hi-camel-context.xml.
>>>
>>> CDI and Spring works are DI for EAP, which is probably what blueprint does in Fuse.
>>> Hence, we will not have blueprint in EAP, as its only more of OSGi specific.
>>>
>>> Hope that helps!
>>>
>>> Best Regards,
>>> Viral
>>>
>>> ----- Original Message -----
>>> From: "Kevin Boone" <kboone@redhat.com>
>>> To: "fuse-eng-help@redhat.com fuse-eng-help@redhat.com" <fuse-eng-help@redhat.com>
>>> Sent: Wednesday, January 6, 2016 5:25:04 PM
>>> Subject: Spring XML with Fuse 6.2.1 on EAP
>>>
>>> Hi folks
>>>
>>> Sorry if this is a bit of an obscure one...
```

```
>>>
>>> I'm trying to work out how to build applications to deploy on the new
>>> Fuse-on-EAP subsystem with Fuse 6.2.1. i saw some training material
>>> recently (can't remember where) that said that Camel routes could be
>>> specific using Spring XML, but I can't find out how to do that. I would
>>> presume that the Spring XML file could be bundled up in the WAR
>>> somewhere, but I don't know where.
>>>
>>> The quickstart examples all use the Java DSL to specify Camel routes
>>> (which works fine). I suspect that many customers are using Spring or
>>> Blueprint XML, and it would be nice to know how to do that on EAP
>>> (although I suspect that Blueprint is not on the Radar at present).
>>>
>>> Best wishes
>>> Kevin
>>>
>>> PS. This question is specifically about the new EAP support in Fuse
>>> 6.2.1, not Camel-on-EAP in general.
>>>
```