

camel-jboss

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Available as of Camel 2.1

The [camel-jboss](#) is a component which allows you to run Camel inside JBoss Application Server. This component is needed due JBoss classloading challenges.

The component is a specialized Camel [Pluggable Class Resolvers](#) to remedy this.

JBoss version

If you are using JBoss 4.x/5.x then you need to use camel-jboss JAR. If you are using JBoss 6.x then you need to use camel-jboss6 JAR.

The resolver is provided in the class `org.apacheextras.camel.jboss.JBossPackageScanClassResolver` in the camel-jboss jar file.

Camel 2.8 onwards

From **Camel 2.8** onwards there is no longer the need for using this [camel-jboss](#) component as Camel is now capable of loading type converters without package scanning. This requires though that all 3rd party components with type converter must define the name of the converter classes as FQN in the META-INF/org/apache/camel/TypeConverter file. See more details at [Type Converter](#).

One exception is if you are using [Bindy](#) component as it still needs this JBoss resolver.

Using with Java DSL

You need to configure the resolver on the [CamelContext](#) which is done like this:

```
PackageScanClassResolver jbossResolver = new JBossPackageScanClassResolver();

CamelContext context = new DefaultCamelContext();
context.setPackageScanClassResolver(jbossResolver);
```

Using with Spring XML

When using Spring XML its just a matter of defining a spring bean with the JBoss class resolver as shown:

```
<bean id="jbossResolver" class="org.apacheextras.camel.jboss.JBossPackageScanClassResolver" />

<camelContext id="camel" xmlns="http://camel.apache.org/schema/spring">
  <route>
    <from uri="seda:start" />
    <to uri="mock:result" />
  </route>
</camelContext>
```

The [Camel Extra](#) project was moved to an official associated Apache site and as part of the migration the package names in the source code must not use `org.apache` so we renamed the packages as shown above. But *if you are using the older versions of the JAR files* then you need to use as shown below:

```
<bean id="jbossResolver" class="org.apache.camel.jboss.JBossPackageScanClassResolver" />
```

Dependencies

You need to get the component from the [Camel Extra](#) project as JBoss uses **LPGL** license which cannot be hosted at Apache.