

well, as it's said in the docs, the **cMessagingEndpoint** allows two applications to communicate by **either** sending or receiving messages, **one endpoint can not do both**. so I replaced it with a cHttp component, as a server (please find the picture attached).

The route worked one time as expected with no errors, after a restart of my computer, it gives me this errors:

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Démarrage du job testDynamicRouter a 15:12 13/08/2015.
: org.apache.camel.main.MainSupport - Apache Camel 2.15.2 starting
: org.springframework.context.support.ClassPathXmlApplicationContext - Refreshing org.springframework.context.support.ClassPathXmlApplicationConte

: org.springframework.beans.factory.xml.XmlBeanDefinitionReader - Loading XML bean definitions from class path resource
: org.springframework.beans.factory.support.DefaultListableBeanFactory - Pre-instantiating singletons in org.springframework.beans.factory.support

connecting to socket on port 3421
connected
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) is starting
: org.apache.camel.management.ManagedManagementStrategy - JMX is enabled
: org.apache.camel.impl.converter.DefaultTypeConverter - Loaded 193 type converters
: org.apache.camel.spring.SpringCamelContext - AllowUseOriginalMessage is enabled. If access to the original message is not needed, then its recon

: org.apache.camel.spring.SpringCamelContext - StreamCaching is not in use. If using streams then its recommended to enable stream caching. See mc

: org.apache.camel.component.jetty.JettyHttpComponent - Jetty JMX Extensions is enabled
: org.apache.camel.component.jetty.JettyHttpComponent - Using default Jetty continuation timeout for: Endpoint
: org.eclipse.jetty.server.Server - jetty-8.1.12.v20130726
: org.eclipse.jetty.server.AbstractConnector - Started SelectChannelConnector@0.0.0.0:80
: org.eclipse.jetty.server.handler.ContextHandler - stopped o.e.j.s.ServletContextHandler{/,null}
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) is shutting down
null
java.lang.NullPointerException
at org.apache.camel.component.http.HttpEndpoint.getPath(HttpEndpoint.java:241)
at org.apache.camel.component.jetty.JettyHttpComponent.enableMultipartFilter(JettyHttpComponent.java:432)
at org.apache.camel.component.jetty.JettyHttpComponent.connect(JettyHttpComponent.java:356)
at org.apache.camel.component.http.HttpEndpoint.connect(HttpEndpoint.java:178)
at org.apache.camel.component.http.HttpConsumer.doStart(HttpConsumer.java:53)
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
at org.apache.camel.impl.DefaultCamelContext.startService(DefaultCamelContext.java:2869)
at org.apache.camel.impl.DefaultCamelContext.doStartOrResumeRouteConsumers(DefaultCamelContext.java:3163)
at org.apache.camel.impl.DefaultCamelContext.doStartRouteConsumers(DefaultCamelContext.java:3099)
at org.apache.camel.impl.DefaultCamelContext.safelyStartRouteServices(DefaultCamelContext.java:3029)
at org.apache.camel.impl.DefaultCamelContext.doStartOrResumeRoutes(DefaultCamelContext.java:2797)
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) uptime 1.010 seconds
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) is shutdown in 0.004 seconds
: org.apache.camel.main.MainSupport - Apache Camel 2.15.2 stopping
at org.apache.camel.impl.DefaultCamelContext.doStartCamel(DefaultCamelContext.java:2653)
at org.apache.camel.impl.DefaultCamelContext.access$000(DefaultCamelContext.java:167)
at org.apache.camel.impl.DefaultCamelContext$2.call(DefaultCamelContext.java:2467)
at org.apache.camel.impl.DefaultCamelContext$2.call(DefaultCamelContext.java:2463)
at org.apache.camel.impl.DefaultCamelContext.doWithDefinedClassLoader(DefaultCamelContext.java:2486)
at org.apache.camel.impl.DefaultCamelContext.doStart(DefaultCamelContext.java:2463)
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
at org.apache.camel.impl.DefaultCamelContext.start(DefaultCamelContext.java:2432)
at org.apache.camel.main.Main.doStart(Main.java:124)
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
at org.apache.camel.main.MainSupport.run(MainSupport.java:150)
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at restclient.testdynamicrouter_0_1.testDynamicRouter.run(testDynamicRouter.java:240)
at restclient.testdynamicrouter_0_1.testDynamicRouter.runJobInTOS(testDynamicRouter.java:326)
at restclient.testdynamicrouter_0_1.testDynamicRouter.main(testDynamicRouter.java:287)
```

and if put "**direct://GET**" (I add //) to the URI in the cHttp component, the error become:

```
: org.apache.camel.main.MainSupport - Apache Camel 2.15.2 starting
: org.springframework.context.support.ClassPathXmlApplicationContext - Refreshing org.springframework.context.support.ClassPathXmlApplicationContext

: org.springframework.beans.factory.xml.XmlBeanDefinitionReader - Loading XML bean definitions from class path resource
: org.springframework.beans.factory.support.DefaultListableBeanFactory - Pre-instantiating singletons in org.springframework.beans.factory.support

connecting to socket on port 3846
connected
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) is starting
: org.apache.camel.management.ManagedManagementStrategy - JMX is enabled
: org.apache.camel.impl.converter.DefaultTypeConverter - Loaded 193 type converters
: org.apache.camel.spring.SpringCamelContext - AllowUseOriginalMessage is enabled. If access to the original message is not needed, then its recon

: org.apache.camel.spring.SpringCamelContext - StreamCaching is not in use. If using streams then its recommended to enable stream caching. See mc

: org.apache.camel.component.jetty.JettyHttpComponent - Jetty JMX Extensions is enabled
: org.apache.camel.component.jetty.JettyHttpComponent - Using default Jetty continuation timeout for: Endpoint
: org.eclipse.jetty.server.Server - jetty-8.1.12.v20130726
: org.eclipse.jetty.util.component.AbstractLifeCycle - FAILED SelectChannelConnector@GET:80: java.net.SocketException: Unresolved address
java.net.SocketException: Unresolved address
at sun.nio.ch.Net.translateToSocketException(Unknown Source)
at sun.nio.ch.Net.translateException(Unknown Source)
at sun.nio.ch.Net.translateException(Unknown Source)
at sun.nio.ch.ServerSocketAdaptor.bind(Unknown Source)
at org.eclipse.jetty.server.nio.SelectChannelConnector.open(SelectChannelConnector.java:187)
at org.eclipse.jetty.server.AbstractConnector.doStart(AbstractConnector.java:316)
at org.eclipse.jetty.server.nio.SelectChannelConnector.doStart(SelectChannelConnector.java:265)
at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
at org.eclipse.jetty.server.Server.doStart(Server.java:293)
at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
at org.apache.camel.component.jetty.JettyHttpComponent.connect(JettyHttpComponent.java:335)
at org.apache.camel.component.http.HttpEndpoint.connect(HttpEndpoint.java:178)
at org.apache.camel.component.http.HttpConsumer.doStart(HttpConsumer.java:53)
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
at org.apache.camel.impl.DefaultCamelContext.startService(DefaultCamelContext.java:2869)
at org.apache.camel.impl.DefaultCamelContext.doStartOrResumeRouteConsumers(DefaultCamelContext.java:3163)
at org.apache.camel.impl.DefaultCamelContext.doStartRouteConsumers(DefaultCamelContext.java:3099)
at org.apache.camel.impl.DefaultCamelContext.safelyStartRouteServices(DefaultCamelContext.java:3029)
at org.apache.camel.impl.DefaultCamelContext.doStartOrResumeRoutes(DefaultCamelContext.java:2797)
at org.apache.camel.impl.DefaultCamelContext.doStartCamel(DefaultCamelContext.java:2653)
at org.apache.camel.impl.DefaultCamelContext.access$000(DefaultCamelContext.java:167)
at org.apache.camel.impl.DefaultCamelContext$2.call(DefaultCamelContext.java:2467)
at org.apache.camel.impl.DefaultCamelContext$2.call(DefaultCamelContext.java:2463)
at org.apache.camel.impl.DefaultCamelContext.doWithDefinedClassLoader(DefaultCamelContext.java:2486)
at org.apache.camel.impl.DefaultCamelContext.doStart(DefaultCamelContext.java:2463)
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
at org.apache.camel.impl.DefaultCamelContext.start(DefaultCamelContext.java:2432)
at org.apache.camel.main.Main.doStart(Main.java:124)
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
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at org.apache.camel.main.MainSupport.run(MainSupport.java:150)
at restclient.testdynamicrouter_0_1.testDynamicRouter.run(testDynamicRouter.java:240)
at restclient.testdynamicrouter_0_1.testDynamicRouter.runJobInTOS(testDynamicRouter.java:326)
at restclient.testdynamicrouter_0_1.testDynamicRouter.main(testDynamicRouter.java:287)
Caused by: java.nio.channels.UnresolvedAddressException
at sun.nio.ch.Net.checkAddress(Unknown Source)
at sun.nio.ch.ServerSocketChannelImpl.bind(Unknown Source)
... 30 more
: org.eclipse.jetty.util.component.AbstractLifeCycle - FAILED org.eclipse.jetty.server.Server@6e5c0621: java.net.SocketException: Unresolved address

java.net.SocketException: Unresolved address
at sun.nio.ch.Net.translateToSocketException(Unknown Source)
at sun.nio.ch.Net.translateException(Unknown Source)
at sun.nio.ch.Net.translateException(Unknown Source)
at sun.nio.ch.ServerSocketAdaptor.bind(Unknown Source)
at org.eclipse.jetty.server.nio.SelectChannelConnector.open(SelectChannelConnector.java:187)
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at org.apache.camel.impl.DefaultCamelContext.doStartOrResumeRoutes(DefaultCamelContext.java:2797)
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at org.apache.camel.impl.DefaultCamelContext.doWithDefinedClassLoader(DefaultCamelContext.java:2486)
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at org.apache.camel.main.Main.doStart(Main.java:124)
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
at org.apache.camel.main.MainSupport.run(MainSupport.java:150)
at restclient.testdynamicrouter_0_1.testDynamicRouter.run(testDynamicRouter.java:240)
at restclient.testdynamicrouter_0_1.testDynamicRouter.runJobInTOS(testDynamicRouter.java:326)
at restclient.testdynamicrouter_0_1.testDynamicRouter.main(testDynamicRouter.java:287)
Caused by: java.nio.channels.UnresolvedAddressException
at sun.nio.ch.Net.checkAddress(Unknown Source)
at sun.nio.ch.ServerSocketChannelImpl.bind(Unknown Source)
... 30 more
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) is shutting down
Unresolved address
java.net.SocketException: Unresolved address
at sun.nio.ch.Net.translateToSocketException(Unknown Source)
at sun.nio.ch.Net.translateException(Unknown Source)
at sun.nio.ch.Net.translateException(Unknown Source)
at sun.nio.ch.ServerSocketAdaptor.bind(Unknown Source)
at org.eclipse.jetty.server.nio.SelectChannelConnector.open(SelectChannelConnector.java:187)
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at org.eclipse.jetty.server.nio.SelectChannelConnector.doStart(SelectChannelConnector.java:265)
at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
at org.eclipse.jetty.server.Server.doStart(Server.java:293)
at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
at org.apache.camel.component.jetty.JettyHttpComponent.connect(JettyHttpComponent.java:335)
at org.apache.camel.component.http.HttpEndpoint.connect(HttpEndpoint.java:178)
at org.apache.camel.component.http.HttpConsumer.doStart(HttpConsumer.java:53)
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) uptime 3.206 seconds
: org.apache.camel.spring.SpringCamelContext - Apache Camel 2.15.2 (CamelContext: testDynamicRouter-ctx) is shutdown in 0.007 seconds
: org.apache.camel.main.MainSupport - Apache Camel 2.15.2 stopping
at org.apache.camel.support.ServiceSupport.start(ServiceSupport.java:61)
at org.apache.camel.impl.DefaultCamelContext.startService(DefaultCamelContext.java:2869)
at org.apache.camel.impl.DefaultCamelContext.doStartOrResumeRouteConsumers(DefaultCamelContext.java:3163)
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Caused by: java.nio.channels.UnresolvedAddressException
at sun.nio.ch.Net.checkAddress(Unknown Source)
at sun.nio.ch.ServerSocketChannelImpl.bind(Unknown Source)
... 30 more
```



may I have a hint about what can be the problem??
Thank you