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Random thoughts about technology, findings, tips and tricks

### How to Enable ActiveMQ Web Console on ServiceMix 4.4



August 19, 2011

A few days ago I was helping an Apache user getting the ActiveMQ Web Console up and running on [ServiceMix 4.4](#). At first instance, it seems to be a trivial setting but it's a little bit tricky.

Out of the box, every ServiceMix instance comes with an embedded [ActiveMQ](#) JMS (Java Message Service) broker. This feature makes it easy to communicate between Camel routes using persistent messages and also to distribute messages over multiple instances using clustering or load balancing.

The [ActiveMQ Web Console](#) feature is included in any ActiveMQ distribution and you'll probably want to have it installed in ServiceMix as well to make sure you can monitor your JMS broker.

So, the first thing you have to do is to install the war feature running the following command:

```
karaf@root> features:install war
```

Then you can do run the following command to install the ActiveMQ Web Console:

```
karaf@root> features:install activemq-web-console
```

This command will install and start the web console automatically with an embedded broker which you can access going to the following URL:

<http://localhost:8181/activemqweb>

But that brings the first issue... Once you have the default embedded ActiveMQ broker

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ServiceMix and not be able to test it or execute it right away.

So, to configure the ActiveMQ Web Console to connect to the default embedded broker you have to do a little extra configuration change but that should be straightforward.

Go to \$SMX\_HOME/etc and edit the system.properties file then add the following details:

```
webconsole.type=properties
webconsole.jms.url=tcp://localhost:61616
webconsole.jmx.url=service:jmx:rmi:///jndi/rmi://localhost:1099/karaf-r
webconsole.jmx.user=smx
webconsole.jmx.password=smx
```

Save it and (re)start ServiceMix. That should be enough to get the ActiveMQ Web Console connected to the default embedded broker in ServiceMix.

If you don't want to monitor the default embedded broker but want to stick with the instance that the Web Console starts for you then all you will have to do is to uninstall the default embedded ActiveMQ broker with the following command:

```
karaf@root> features:uninstall activemq-broker
```

and then restart ServiceMix. This way there will be no conflicts on the ActiveMQ port number anymore.

I hope this helps to clarify some of the issues out there...

Enjoy the ride!

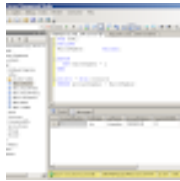
[activemq](#)[fusesource](#)[servicemix](#)[web-console](#)

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March 17, 2011



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July 08, 2011

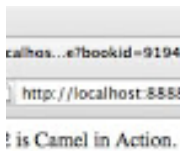


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