DFC Application Router

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Description of DFC Application Router

Instead of using the Restcomm Default Application Router, any SIP Servlets 1.1 compliant Application Router can be used, including the eCharts DFC Application Router.

Installing the DFC Application Router

Detailed instructions are available from the eCharts website. The following procedure describe how to install the eCharts DFC Application Router (DFCAR) on a variety of SIP Servlet Server platforms.

Procedure: Installing DFCAR on Tomcat

1. Deploy the DFCAR

   Drop the *dfcar.jar* from the ECharts distribution package in the `TOMCAT_HOME/lib` directory.

2. Remove the DAR

   Remove the Restcomm Default Application Router located in `TOMCAT_HOME/lib/sip-servlets-application-router-*.jar`.

Please see the following link to learn how to deploy jar files in Restcomm for JBoss AS7.

Procedure: Installing DFCAR on JBoss AS7

1. Deploy the DFCAR

   Create a directory under `JBOSS_HOME/modules/system/layers/base/org/echarts/`

   Drop the *dfcar.jar* from the ECharts distribution package in the `JBOSS_HOME/modules/system/layers/base/org/echarts/` directory.

   Create a `module.xml` file under the same directory with the following contents

   ```
   <module xmlns="urn:jboss:module:1.1" name="org.echarts">
   <resources>
   <resource-root path="dfcar.jar"/>
   </resources>
   <dependencies>
   <module name="org.apache.log4j"/>
   <module name="org.mobicents.javax.servlet.sip"/>
   </dependencies>
   </module>
   ```

2. Remove the DAR

   Remove the Restcomm Default Application Router located in `JBOSS_HOME/modules/system/layers/base/org/mobicents/dar`.

3. Use the DFC DAR

In `JBOSS_HOME/modules/system/layers/base/org/jboss/as/web/main/module.xml`, replace the following line

```
<module name="org.mobicents.dar" export="true"/>
```

by this one

```
<module name="org.echarts" export="true"/>
```