

# 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.mobicens.dar" export="true"/>
```

by this one

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