

# Working With the JMX Console

JConsole uses the extensive instrumentation of the Java virtual machine to provide information on performance and resource consumption of applications running on the Java platform using Java Management Extension (JMX) technology.

The following steps allow a user to monitor Elixir Repertoire Server using the JConsole -

1) Copy the following 2 lines into your **startServer.bat** (for Windows) or **startServer.sh** (for Unix). JConsole can be found in the Java 2 Platform, Standard Edition (J2SE)/bin directory.

**Note:** Java 2 Platform, Standard Edition (J2SE) ver 7.0 or above must be installed.

## For startServer.bat (Windows)

```
-Dcom.sun.management.jmxremote  
-Dcom.sun.management.jmxremote.authenticate=false
```

1. Open a command prompt and start the Elixir Repertoire Server using **startServer.bat**.
2. Check that the server is running by opening a browser and point to <http://localhost:8080> to see if the login page is active.
3. Start another command prompt and launch JConsole pointing to the jconsole program file in the **java/bin** folder.
4. JConsole Management will be launched.

## For startServer.sh (Unix)

```
-Dcom.sun.management.jmxremote  
-Dcom.sun.management.jmxremote.authenticate=false
```

1. Open a terminal and start the Elixir Repertoire Server using **startServer.sh**.
2. Check that the server is running by opening a browser and point to <http://localhost:8080> to see if the login page is active.
3. Open another terminal and launch JConsole pointing to the jconsole program file in the **java/bin** folder.
4. JConsole Management will be launched.

The following are the attached samples to be used with Jconsole:

- [startServer-JMX-Unix.zip.zip](#)
- [startServer-JMX.zip](#)