

Headless Mode

Headless Mode (Unix System)

Running Elixir Server without a monitor, mouse or keyboard.

In UNIX environments, usually X or an equivalent windowing system is not present.

Steps:

- Include argument '*Djava.awt.headless=true*' in the startup script
- Include symbol '&' at the end of the startup script

```
$JAVACMD -mx512M %RED%-Djava.awt.headless=true%ENDCOLOR% -Delixir.home=..
-Delixir.config=../config -jar -Djava.security.auth.login.config=../config/auth.conf
-Djava.security.policy=../config/java2.policy !RepertoireServer-Launcher.jar &
```

IMPT : Required JDK 1.4 and later

Server (Unix System)

If you are using SUN JVM, you can tune the performance of the Elixir Report Server by using the following parameters: *-server* and *-Djava.awt.headless=true*.

Headless mode is as described above.

By default, the Java HotSpot Client VM is selected.

Use the "*-server*" option to select the Java HotSpot Server VM.

Steps:

Include argument '*-server*' in the startup script

```
$JAVACMD -mx512M %RED%-server -Djava.awt.headless=true%ENDCOLOR%
-Delixir.home=.. -Delixir.config=../config -jar
-Djava.security.auth.login.config=../config/auth.conf
-Djava.security.policy=../config/java2.policy !RepertoireServer-Launcher.jar &
```

The *-client* and *-server* systems are different binaries. They are essentially two different compilers (JITs) interfacing to the same runtime system. The client system is optimal for applications that need fast startup times or small footprints. The server system is optimal for applications where the performance is most important. In general, the client system is better on GUIs. Some of the other differences include the compilation policy used, heap defaults, and inlining policy. The above two parameters are SUN JVM specific. If you are using JVM other than Sun, check with your respective software vendor on the parameters for tuning the performance of the Elixir Report Server.