

Monitoring using VisualVM

Monitor the health of your Joget system by using the VisualVM tool. VisualVM comes by default in JDK7 and newer.

1. Add the respective options into your Joget start up script

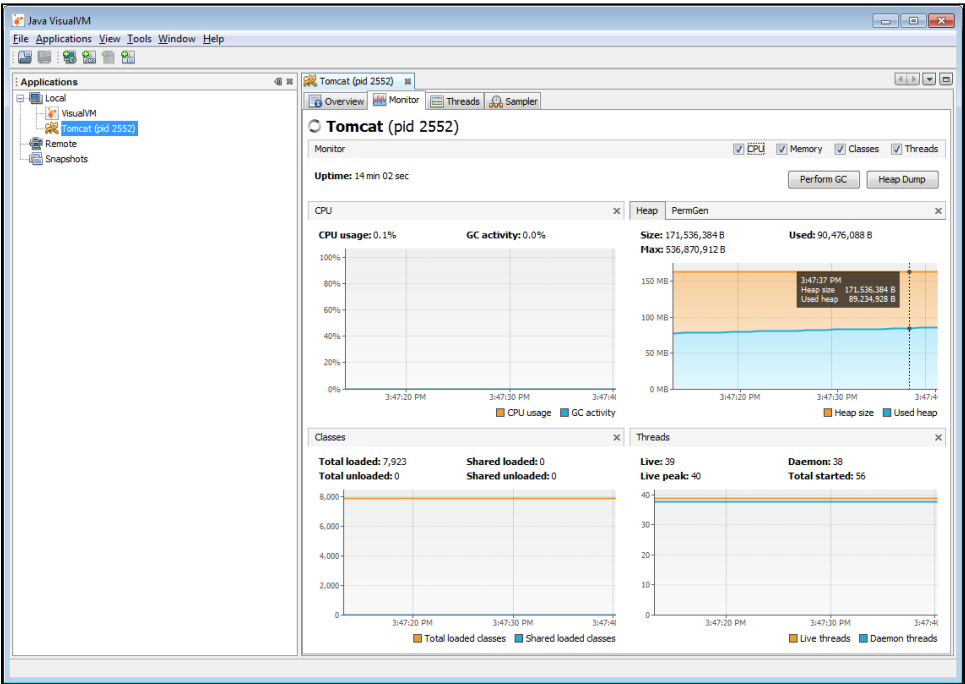
- 1. Edit joget-start.bat
- 2. Append the following into the "set JAVA_OPTS=" line. Amend as needed.

```
-Dcom.sun.management.jmxremote=true -Dcom.sun.management.jmxremote.port=9090 -Dcom.sun.management.jmxremote.ssl=false -Dcom.sun.management.jmxremote.authenticate=false -Djava.rmi.server.hostname=127.0.0.1
```

- 3. Save and restart your server.

2. Starting up VisualVM

- 1. Locate your JDK's bin folder. (e.g. C:\Program Files\Java\jdk1.7.0\bin)
- 2. Locate **Visualvm.exe** and execute it.
- 3. Under the local tab, you should be able to find your Tomcat instance. Open it.



You are now able to monitor the real time performance and/or resources usage of your Joget system.

Common terminology

Name	Description
Heap dump	A heap dump is a snapshot of memory at a given point in time. It contains information on the Java objects and classes in memory at the time the snapshot was taken. Source: https://www.rallydev.com/community/engineering/outofmemoryerror-fun-heap-dump-analysis
Thread dump	A thread dump is a list of all the Java threads that are currently active in a Java Virtual Machine (JVM). Source: https://www.rallydev.com/community/engineering/outofmemoryerror-fun-heap-dump-analysis