Thread Dump

1 Purpose

A thread dump is a list of all the Java threads that are currently active. FileNet WSM uses threads to perform tasks such as composing a page, processing a template or executing functions.

2 Application

If the FileNet WSM servlet engine is unresponsive, the thread dump can help you to find out which template or method is responsible for it. Note that a large number of threads can be active at any time.

To receive a thread dump under UNIX, type:

```
kill -QUIT process_id
```

(where process_id is the ID of the WSM process)

To achieve the same on Windows you can use the tool javadump.exe found in the installation folder under:

```
/opt/helpers/javadump.exe
```

To start it, type:

```
javadump <pid>
```

The process ID (<pid>) is listed in the Windows Task Manager. If you have started WSM using the WSM manager, the thread dump is written to the startup log, otherwise it is displayed in the command window that started the process.

Note: To use javadump.exe, start WSM without the option -Xrs, as this will disable thread dumps. Use the file java.exe and not javaw.exe.

If you create a thread dump while the system is unresponsive and does not receive new requests, look out for a thread that is processing a request. It is likely that this thread causes the slowdown. You can recognize such a thread by its name, which is the GET request from the server, such as:

```
127.0.0.1 [952248542] GET /author/mysite/helloworld.html
```