

[Aspire :: BEG Server management with JMX](#)

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This section describes the management of the BEG server with JMX.

[JMX \(Java Management eXtension\)](#) is the de-facto standard for managing and for monitoring Java applications and middlewares.

The management is composed of 2 parts

- MBean which are probes to manage/monitor the BEG elements and its extensions (sensors, ...).
- consoles

## 1 BEG MBeans

The BEG can be managed with the following MBeans:

- `org.ow2.aspirerfid:type=beg,name=server` (class `org.ow2.aspirerfid.beg.server.mbean.BEGServer`) provides general information about the Server
- `org.ow2.aspirerfid:type=beg,name=begspec` (class `org.ow2.aspirerfid.beg.server.mbean.BEGSpec`) manages BEGSpec (add, remove)

## 2 Consoles

2.1 VisualVM plugin for Aspire BEG Server The console uses to manage the ALEServer is the standard [VisualVM](#) with the Aspire BEGServer plugin

The Aspire BEGServer plugin gathers in one panel the main operations available on the 2 MBeans previously described.

[Additional plugins](#) can completed the management of the host :

- OSGi plugin (bundles and shell)
- Tomcat
- Glassfish (which is also based on Felix since the version 3)

## 3 Misc

\* [More documentation on the VisualVM ...](#)

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