

## Matrex Server JMX

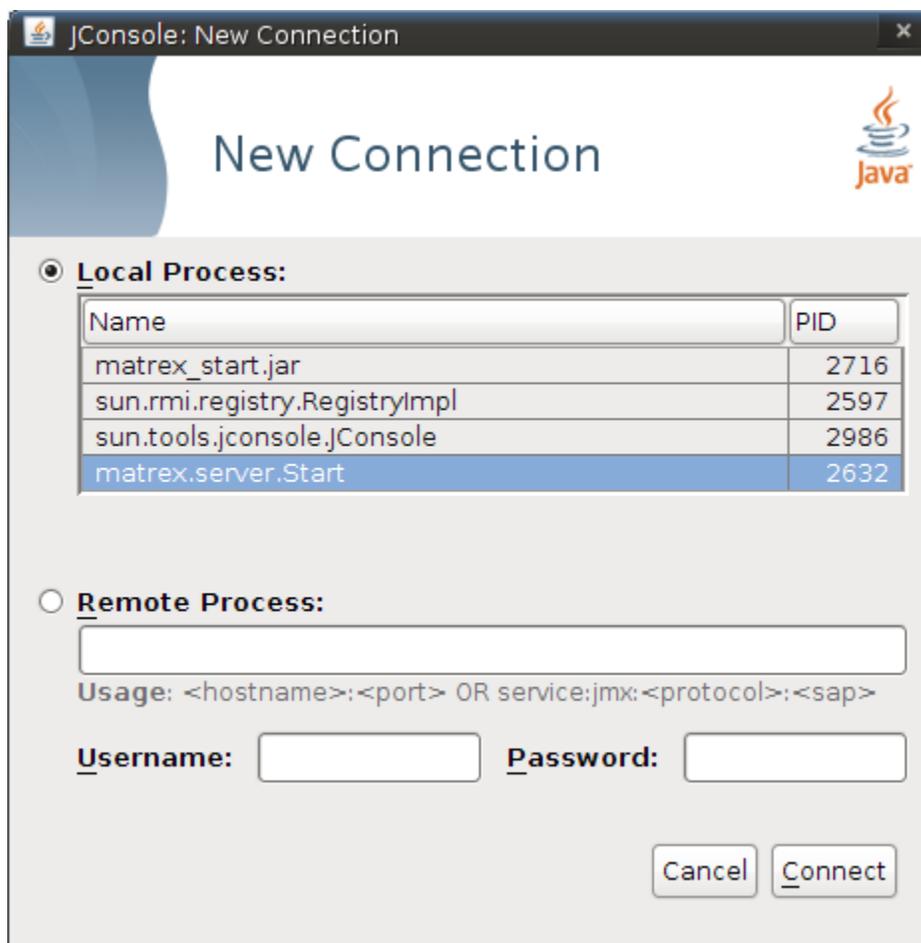
The status of a Matrex server can be inspected using JMX, for example to understand the causes of a problem.

JMX is a java technology to inspect the content and behaviour of java applications.

The standard tool to inspect an application through JMX is JConsole

(<http://java.sun.com/javase/6/docs/technotes/guides/management/jconsole.html>).

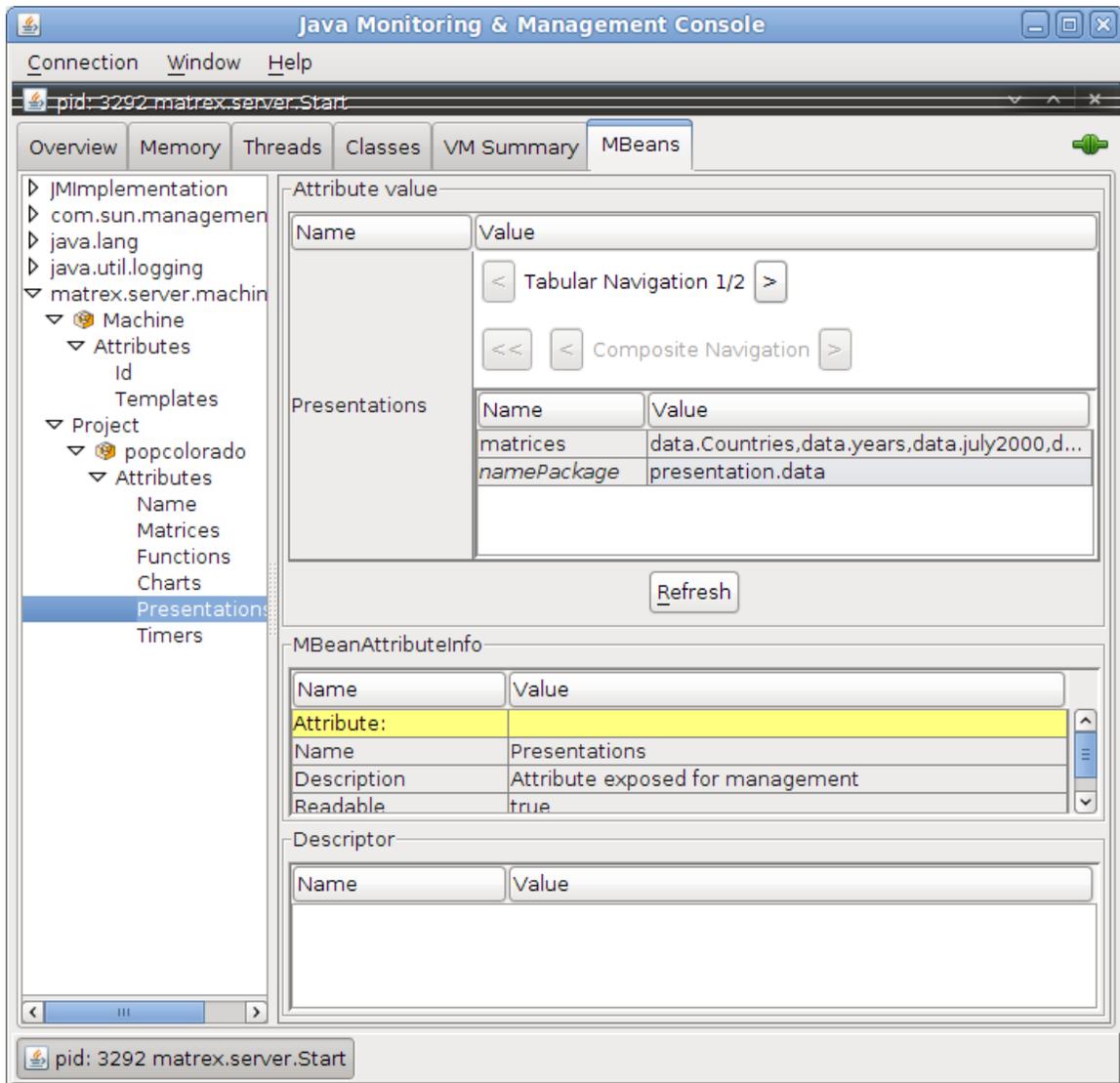
To connect to a server on your PC using JConsole you need to select a **matrex.server.Start** process from the connection dialog:



Pressing the **Connect** button a tab window appears, with different types of charts and information about the Matrex Server to which you connected.

The last tab, called **MBeans**, displays a tree with of instrumented objects contained in the server.

The top node `matrex.server.machine` contains the information published by the server itself.



You can see:

- The server machine itself (**Machine**) of which you can display the templates, using a tabular navigation.
- All the projects (**Project**) open in the server machine. Of these, always using the tabular navigation, you can inspect all the items (matrices, functions, charts, presentations, and timers).