Node Run Time Component

A node represents an IceGrid node process registered with the IceGrid registry.

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States

A node can be either up (or down (). A "down" node is shown only when it is described by an application deployed on this IceGrid registry.

Actions

A node provides the following actions, from its contextual menu and from the Tools > Node menu:

Retrieve stdout

Retrieve the stdout log file of the IceGrid node into a Log File Dialog. This retrieval succeeds only when the node stdout output has been redirected to a file using the Ice.Stdout property.

Retrieve stderr

Retrieve the stderr log file of the IceGrid node into a Log File Dialog. This retrieval succeeds only when the node stderr output has been redirected to a file using the Ice.StdErr property.

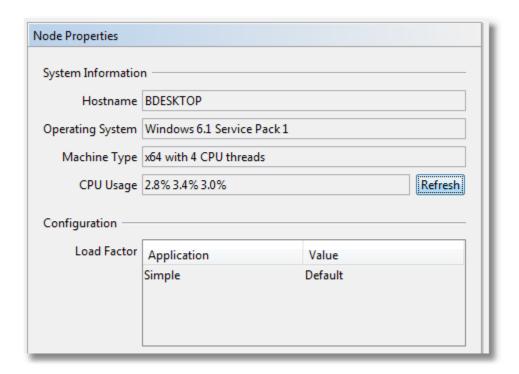
Shutdown

Shutdown the IceGrid node process.



You cannot restart an IceGrid node from IceGrid Admin.

Properties



The Node Properties panel shows:

Hostname

The name of the host on which the IceGrid node process is running.

Operating System

The operating system name and version of the host on which the IceGrid node process is running.

Machine Type

The type of CPUs and the number of CPU threads of the host on which the IceGrid node process is running. For example, a computer with a dual-core CPU and 2 "hyper threads" per core will show 4 CPU threads.

• CPU Usage (Windows) or Load Average (Linux/Unix)

On Windows, shows the percentage of CPU utilization in the past 1, 5, and 15 minutes. On Linux/Unix, shows the load-average in the past 1, 5 and 15 minutes. These values are retrieved when the Node Properties panel is displayed. Click on the Refresh button to retrieve the latest values.

Load Factor

Shows the load factor defined by each application using this node.

Children

A registry node can only have two types of children:

- · Regular Server
- IceBox Server