# Running Conductors and Servers without a GUI

ID: 3
Creation Date: 11/3/99
Product: Conductor, Server
Version: 1.2
Distribution: External
Summary: This technote explains how to start up Burstware conductors and servers without displaying their GUI.

## Problem

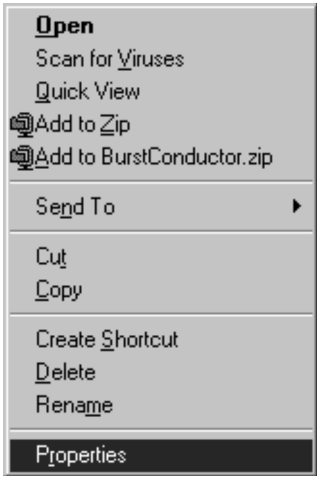
In certain situations, you may want to start up a conductor or server on a machine without displaying its GUI. For example, you may be starting up a conductor or server on a Linux or Solaris machine that is not running XWindows. Or, conductors and servers may be running on machines without monitors.

# Solution

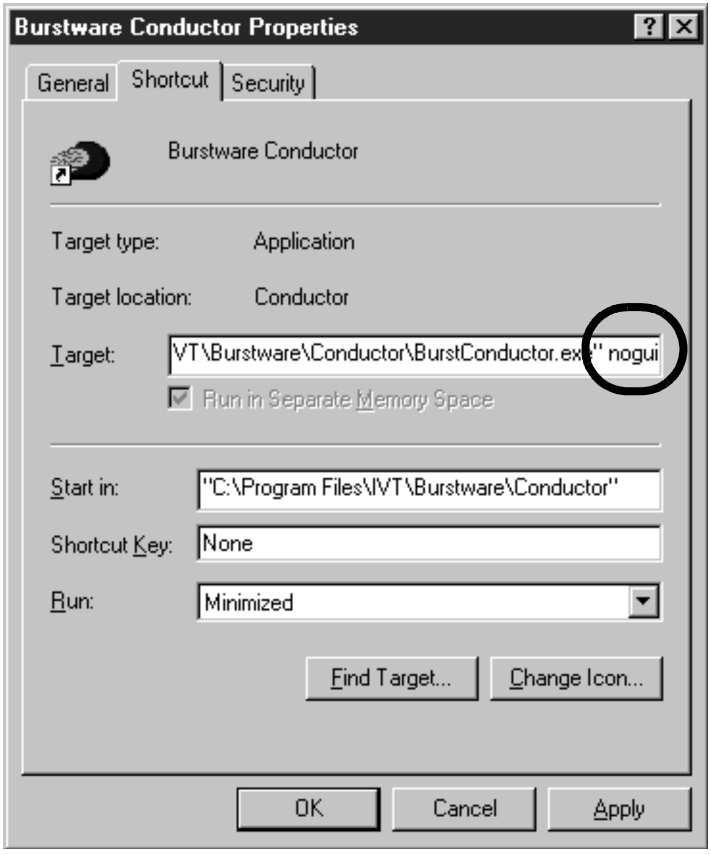
### *Windows NT*

On the Windows NT platform, follow these steps to suppress the GUI:

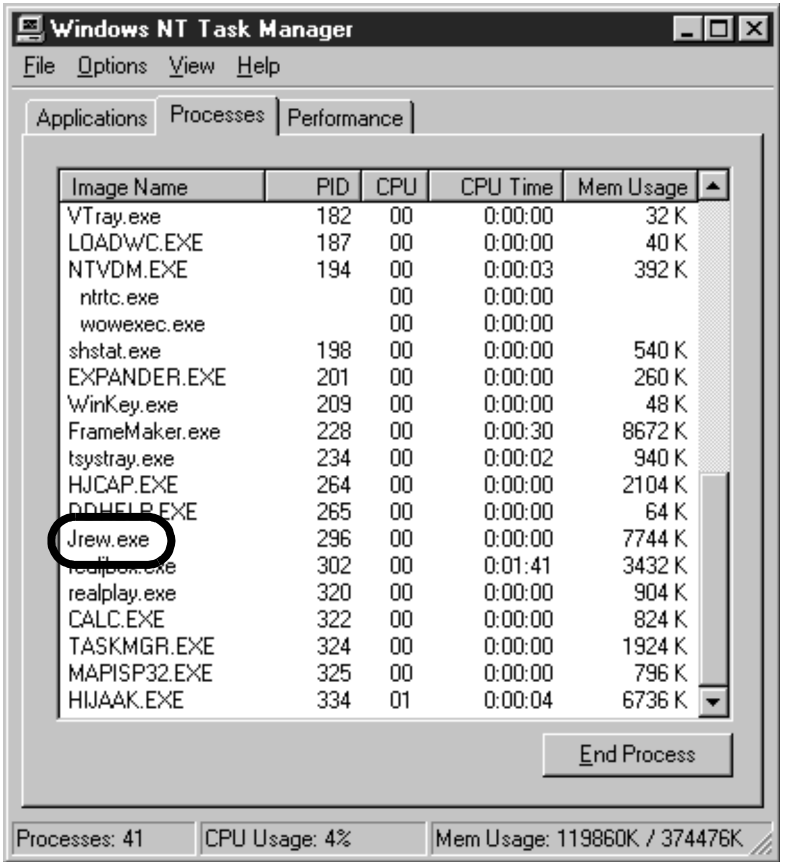
1. Right click on the conductor or server desktop shortcut and select Properties:



2. Under the shortcut tab, in the Target box, append nogui—preceded by a space—to the target. Be sure to append after the closing double quotes.



3. Verify that the conductor or server process has actually started by checking for a process called Jrew.exe in the Processes tab of the Windows NT Task Manager. Both conductor and server processes are called jrew.exe.




### *Solaris and Linux*

On the Solaris and Linux platforms, follow these steps to suppress the GUI:

1. Edit the start_conductor or start_server script to add **nogui** directly after the burstSvrMain argument in the command line:

```
/home/qatest/r12ga/bin/jre -ms48MB -mx48MB -cp /home/
qatest/r12ga/lib/burstserver.jar:/home/qatest/r12ga/
lib/symbeans.jar ivt.burstserver.BSvrMain nogui
```

2. Start the conductor or server:

```
% ./start_conductor
```

or

```
% ./start_server
```

3. Verify that the conductor or server process has actually started by issuing this command:

```
% ps -efl | grep jre
```

   The output should list one process for each conductor and server running. Note that the server uses 48 MB of memory and the conductor uses 16 MB. This will help you identify which process corresponds to which Burstware component.