Torque

How can I get Torque to recognize additional memory added to a node?

Issue: Torque caches a lot of node information, including memory. After adding memory to a node, the server may not see that additional memory.

Solution: There is a fairly simple process, requiring restarting of pbs_server twice, which will cause Torque to update it's node configuration. These steps are:

1. Shut down the pbs_server
2. Remove the node(s) with additional memory from the "nodes" file (/var/spool/torque/server_priv/nodes, by default).
3. "cd" to the /var/spool/torque/server_priv/node_usage directory and remove the file(s) whose name(s) correspond to the node(s) with new memory
4. Start the pbs_server.
5. Add the node(s) BACK into the "nodes" file.
6. Restart the pbs_server.

After that second restart, Torque's view of the total memory for the node(s) should be correct.

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Author: Rob Greenbank
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