Moab

How can I graph the Moab scheduling cycle?

Issue: You want to graph the Moab scheduling cycle, to spot trends and potential issues.

Solution:
Install Munin, out of scope for this article, but here's a good article to get started: http://www.rackspace.com/knowledge_center/article/how-to-install-munin-monitoring-systems

The rest of this article assumes you're working on CentOS, so if you're on a different distribution, paths may be different.

After munin is installed and munin-node is setup and running on the node that runs Moab, you'll need to add a plugin to monitor Moab, we've prepared one for you and attached it to this article, moab_scheduling_cycle

Place moab_scheduling_cycle in /usr/share/munin/plugins/moab_scheduling_cycle and make it executable, eg:
chmod +x /usr/share/munin/plugins/moab_scheduling_cycle

Then create a symlink to activate the plugin:
ln -s /usr/share/munin/plugins/moab_scheduling_cycle /etc/munin/plugins/moab_scheduling_cycle

Next copy the attached moab_scheduling_cycle.conf to /etc/munin/plugin-conf.d/moab_scheduling_cycle

Now, restart munin-node: service munin-node restart

Test that it works:

telnet localhost 4949

fetch moab_scheduling_cycle

quit

If all works, the munin graph for moab_scheduling_cycle should show up after some time, half an hour or so.

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