**Appion - Bug #695**

**Frealign/EMAN lets you request more that 500 cpus, but you job will never run**

06/21/2010 04:49 PM - Neil Voss

| Status: New | Start date: 06/21/2010 |
| Priority: Low | Due date: |
| Assignee: | % Done: 0% |
| Category: | Estimated time: 0.00 hour |
| Target version: Appion/Leginon Future Version | Spent time: 0.00 hour |
| Affected Version: Pre-2.0 | Workaround: |

Show in known bugs: No

**Description**

To get the information run qmgr and type print server:

```
user> qmgr
Max open servers: 49
Qmgr: print server
#
# Create queues and set their attributes.
#
#
# Create and define queue workq
#
create queue workq
set queue workq queue_type = Execution
set queue workq resources_max.cput = 9600:00:00
set queue workq resources_max.ncpus = 1200
set queue workq resources_max.nodes = 160
set queue workq resources_max.walltime = 240:00:00
set queue workq resources_default.cput = 01:00:00
set queue workq resources_default.mem = 2gb
set queue workq resources_default.ncpus = 1
set queue workq resources_default.nodes = 1
set queue workq resources_default.walltime = 01:00:00
set queue workq max_user_run = 400
set queue workq max_group_run = 1000
set queue workq max_user_res.mem = 2000gb
set queue workq max_user_res.ncpus = 500
set queue workq max_group_res.ncpus = 1200
set queue workq enabled = True
set queue workq started = True
#
# Set server attributes.
#
set server scheduling = True
set server managers = wyoun@garibaldi.scripps.edu
set server default_queue = workq
set server log_events = 511
set server mail_from = adm
set server query_other_jobs = True
set server resources_default.ncpus = 1
set server default_chunk.ncpus = 1
set server scheduler_iteration = 600
set server resv_enable = True
set server node_fail_requeue = 310
set server max_array_size = 10000
set server node_group_enable = True
set server node_group_key = switch
set server pbs_license_file_location = 7788@garibaldi-adm
set server pbs_license_min = 0
```
set server pbs_license_max = 2147483647
set server pbs_license_linger_time = 3600
set server license_count = "Avail_Global:570 Avail_Local:497 Used:1781 High_Use:2700"

History

#1 06/21/2010 04:50 PM - Neil Voss
- Target version set to Appion/Leginon 2.1.0
- Affected Version changed from Appion/Leginon 2.0.1 to Pre-2.0

#2 07/02/2010 09:43 AM - Amber Herold
- Priority changed from Normal to Low
- Target version changed from Appion/Leginon 2.1.0 to Appion/Leginon 2.2.0

#3 07/13/2011 10:50 AM - Amber Herold
- Target version changed from Appion/Leginon 2.2.0 to Appion/Leginon Future Version