Subject: Job Submission on Kronos
Posted by Waleed Esmail on Wed, 25 Apr 2018 07:44:05 GMT
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Dear experts,

I have a problem in submitting jobs to kronos. I followed the instructions explained in
 https://panda-wiki.gsi.de/foswiki/bin/view/Computing/PandaRootSimulation Kronos

with FairSoft, and FairRoot
SIMPATH=/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/
FAIRROOTPATH=/cvmfs/fairroot.gsi.de/fairroot/v-16.06b_fairsoft-may16_root6/and
PandaRoot dec17.

When I tried to submit a job with one of the examples explained like:
sbatch -a1-20 jobsim_kronos.sh singleK 1000 "box:type[321,1]:p[0.05,8]:tht[0,180]:phi[0,360]"
12.
it prints
Submitted batch job XXXXXXXX
and when immediately check the submitted job by
squeue -u wesmail
I find no submitted jobs
JOBID PARTITION   NAME   USER ST   TIME NODES NODELIST(REASON)

What is going on?!.

Thank you very much for your help
Waleed

Subject: Re: Job Submission on Kronos
Posted by Klaus Götzen   on Wed, 25 Apr 2018 07:56:40 GMT
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Hi Waleed,

I just tried to submit as you did in my installation, and it worked.

I believe you need a permission to submit jobs to the cluster - do you know whether you have
one (or asked for one)?

You also need to have a data/slurmlog/ directory, or the one which is stated as log-directory in
the job submission script. If slurm doesn't find the directory, it immediately kills the job I guess.
Can you inspect the slurm log files?

Best regards,
Klaus

Hello Klaus,

thank you for your instant reply. Yes, the problem was in the data/slurmlog/ directory. The data/ directory was there but empty, when I created slurmlog/ inside it the job submitted and completed and I found the simulated file inside data/.

Thank you very much for your help