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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]:tth[0,180]:phi[0,360]" 12.
```

it prints

```
Submitted batch job XXXXXXXXX
```

and when immediately check the submitted job by

```
queue -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

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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

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Subject: Re: Job Submission on Kronos  
Posted by [Waleed Esmail](#) on Wed, 25 Apr 2018 08:10:23 GMT  
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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

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