Subject: Simulation on Kronos
Posted by Jennifer Pütz on Thu, 16 Jun 2016 07:57:12 GMT
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Hi everyone,

due to the fact that Prometheus will be shut down at the end of June, I would like to provide you a submit script for Kronos (see attachment). This submit script is similar to the script for Prometheus (~/pandaroot/trunk/source/macro/prod/job_prod.sge). There is no need to change the macros from ~/pandaroot/trunk/source/macro/prod.

The script is easily submited by using the command:

sbatch job_prod_kronos.sh <prefix> <nevts> <dec-file> <mom>

If you want to run more than one job in parallel, use e.g.

sbatch --array=1-20 job_prod_kronos.sh <prefix> <nevts> <dec-file> <mom>

To look up the status of your job use

squeue -u <username> or
watch squeue -u <username> (This command updates the window every 2s.)

For further information see also https://wiki.gsi.de/foswiki/bin/view/Linux/SlurmUsage

You can even run a short test job for debugging (max. 20 minutes):

sbatch --partition=debug job_prod_kronos.sh <prefix> <nevts> <dec-file> <mom>

I hope this is useful for some of you.

Cheers,
Jenny

File Attachments

1) job_prod_kronos.sh, downloaded 526 times