
Subject: Batch Farm

Posted by [wuestenf](#) on Tue, 13 Sep 2005 09:32:07 GMT

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How can I get a list off all available machines, that are in a specific queue? With the old system, the bqueues gave this list with the line "HOSTS", but now it gives only "batch_default".

I need this list for my scripts to submit jobs.

Subject: Re: Batch Farm

Posted by [Christopher Huhn](#) on Tue, 13 Sep 2005 09:43:04 GMT

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I made this change to cleanup the LSF setup, since a lot of queues run on the same set of hosts.

The list of hosts can be obtained by `bhosts [I]host_group[I]`, i. e. `bhosts batch_default`.

`bhosts batch_default | cut -f 1 -d ' ' | grep -v "HOST_NAME"` will give you a scriptable names-only list.

Subject: Re: Batch Farm

Posted by [wuestenf](#) on Fri, 10 Feb 2006 09:43:46 GMT

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I have a problem, running a simple perl command on the batch farm.

Depending on how I submit the command, I get different result.
The command is:

```
perl -e "use Sys::Hostname; open  
host,">>/misc/wuestenf/Hydra/macros/Batch/hosts_problem.txt"
```

If I submit this command interactively (`bsub -l -q quick ...`)
I get no error message.

If I submit the same command non interactively, I get an error message.

From the report, the submitted command looks like:

```
perl -e "use Sys::Hostname; open  
\$host,\">>/misc/wuestenf/Hydra/macros/Batch/hosts_problem.txt"
```

The error message is:

```
/misc/wuestenf/.lsbatch/1139564366.730234: line 8: perl -e "use Sys::Hostname; open  
\$host,\">>/misc/wuestenf/Hydra/macros/Batch/hosts_problem.txt\"": No such file or directory
```

Whats going wrong here?
