Subject: spliting the job via collection
Posted by donghee on Thu, 23 Jun 2011 08:40:08 GMT

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Hi all,

I have a technical problem.
Only 60 sub-jobs are allowed to me at Gridka.

But in my collection I have 200 files.
question # 1. how can I get only 60 file lists with find commend?

question # 2. How can I remove 140 files from existing collection list of total 200 files?

The problem is arising when I use split="file" or split="directory"
because I cannot control only until 60 sub-jobs.

If you have other simple method to avoid limiting of subjobs.
welcome to hear for that.

Thank you in advance.
Best wishes,
Donghee

Subject: Re: spliting the job via collection
Posted by donghee on Thu, 23 Jun 2011 09:03:55 GMT

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Hi gridka veterans....

The collection list have 3 different file names with points, param, and pid.root in one particular
events.

If I submit job via split="file" with a collection list,
Gridka submit count 3 files as each individual sub-jobs.

I think one has to submit with split="directory", then machine knows 3 files have to be puted in
one subjob.
Is it correct? or it doesn't matter use either "file" or "directory"?

This is slightly confuse to me...(actually really complicate!)
Best wishes,
Dongee

Subject: Re: spliting the job via collection
Posted by donghee on Thu, 23 Jun 2011 09:50:05 GMT

Hi all,

I found simple methods

find -c output-run701 /panda/user/p/pbarprod/tdr11/output/sig/run701/*1/ evt_p*.root

Then only every *1 list will be accounted

and other solution is rather simple
One can add and remove items in the produced list with
addFileToCollection
removeFileFromCollection

But I'm still unclear for split="file" or "directory"

Cheers,
Donghee

Subject: Re: spliting the job via collection
Posted by StefanoSpataro on Thu, 23 Jun 2011 09:59:57 GMT

"file" will create a subjob for each file in the collection, while "directory" for each folder. The "directory" solution is what you need, if you do not want to run the same code 3 times.