
Subject: running analysis macros on GRID

Posted by [Dima Melnychuk](#) on Thu, 16 Jun 2011 14:34:29 GMT

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Hi all,

My first question is mainly to Stefano concerning running analysis macros on GRID.

For eta_c channel produced results are located in
/panda/user/p/pbarprod/tdr11/output/sig/run201/
in 500 folders in each for 1000 events.

And for example in folder /2/ there is a output file
evt_pid_stt_r201_2.root

And my problem is how to manage those file names to use them as an input in my analysis macro. From the <http://panda-wiki.gsi.de/cgi-bin/view/Computing/TDR11> I understood that Stefano tried to manage it producing collection. But I cannot understand by myself how it helps here. So my question is if there are exists a working example how to manage file names for analysis. Is it done in .jdl file or should it be done in .sh script which runs root macro?

I have a backup solution to run my macro locally but I would like to try to run it on GRID when data will be produced.

And another partially related technical question on which I couldn't find an answer is how to run alien on GSI machine.

I tried to install alien at GSI in my private directory but have the following error:

```
-----
##### Automated AliEn vbox installer
#####
Installing in the user specified directory: /d/panda02/dmelnich/pandagrid/alien
Platform set as Linux: x86_64-unknown-linux-gnu
Waiting 10 seconds. Press 'Ctrl+c' to exit the installation..... Done
Downloading vbox distribution..... Done
Extracting the files.....
.....
.....
.....
.... Done
/d/panda02/dmelnich/pandagrid/alien.v2-18.85/bin/perl: /lib/libc.so.6: version `GLIBC_2.4' not
found (required by /d/panda02/
dmelnich/pandagrid/alien.v2-18.85/bin/perl)
-----
```

But I assume that there is already alien installation at GSI and I should only properly set a path, since by default another application "alien" from /usr/bin/alien is running. Anybody have a

solution how to do it?
