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Subject: Re: running analysis macros on GRID

Posted by [Johan Messchendorp](#) on Thu, 16 Jun 2011 20:43:23 GMT

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just for the forum records (answer from Kilian)...

How to use alien client at GSI:

```
. .alienv218login
```

```
.....
```

Johan.

Dima Melnychuk wrote on Thu, 16 June 2011 16:34Hi 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)

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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?