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Subject: [FIXED] Problem in running macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Wed, 16 Jan 2013 13:11:05 GMT

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Hi,

I have successfully installed pandaroot in Suse 11.1 system.

As a beginning I start to look macros in /pandaroot/macro/run/ dir.

but while running root -l sim\_complete.C, it is giving following error:

```
root [0]
```

```
Processing sim_complete.C...
```

```
Error: Symbol FairRunSim is not defined in current scope sim_complete.C:33:
```

```
Error: Symbol FairRunSim is not defined in current scope sim_complete.C:33:
```

```
Error: type FairRunSim not defined
```

```
FILE:/home/bhatt/PANDA/pandaroot/macro/run/./sim_complete.C LINE:33
```

```
Warning: Automatic variable FairRunSim*fRun is allocated sim_complete.C:33:
```

```
Error: Undeclared variable FairRunSim*fRun sim_complete.C:33:
```

```
*** Interpreter error recovered ***
```

I tried other macro as well but getting similar error.

Is there anything else I need to do in order to run this macros.

Regards,

Himani

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Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Stefano Spataro](#) on Wed, 16 Jan 2013 13:20:58 GMT

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Did you run the config.sh before?

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Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Wed, 16 Jan 2013 13:28:47 GMT

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Yes I did this in buildpanda dir itself.

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Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Stefano Spataro](#) on Wed, 16 Jan 2013 13:47:00 GMT

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Which version of the code you are using?

And can you put here your config.sh? It seems you are not properly loading the environment variables.

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Subject: Re: Problem in runing macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Wed, 16 Jan 2013 14:21:40 GMT

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the svn info is following:

```
bhatt@ikp398:~/PANDA/pandaroot/macro/run> svn info
Path: .
URL: https://subversion.gsi.de/fairroot/pandaroot/trunk/macro/run
Repository Root: https://subversion.gsi.de/fairroot
Repository UUID: 0381ead4-6506-0410-b988-94b70fbc4730
Revision: 18287
Node Kind: directory
Schedule: normal
Last Changed Author: spataro
Last Changed Rev: 18235
Last Changed Date: 2013-01-03 17:44:01 +0100 (Thu, 03 Jan 2013)
```

and config.sh file is attached here.

#### File Attachments

1) [config.sh](#), downloaded 407 times

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Subject: Re: Problem in runing macro /macro/run/sim\_complete.C

Posted by [Stefano Spataro](#) on Wed, 16 Jan 2013 15:17:48 GMT

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Ok,

can you copy here what is printing after you execute the config.sh, and what is appearing after you run the macro? it seems that you cut some part of the log message.

---

Subject: Re: Problem in runing macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Thu, 17 Jan 2013 08:54:21 GMT

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While giving ./config.sh command it shows:

```
System during compilation: Welcome to openSUSE 11.1 - Kernel r (l).
                           x86_64
System now                 : Welcome to openSUSE 11.1 - Kernel r (l).
                           x86_64
```

and when I run the code it gives:

```
bhatt@ikp398:~/PANDA/pandaroot/macro/run> root -l sim_complete.C
```

```
root [0]
Processing sim_complete.C...
Error: Symbol FairRunSim is not defined in current scope sim_complete.C:33:
Error: Symbol FairRunSim is not defined in current scope sim_complete.C:33:
Error: type FairRunSim not defined
FILE:/home/bhatt/PANDA/pandaroot/macro/run/./sim_complete.C LINE:33
Warning: Automatic variable FairRunSim*fRun is allocated sim_complete.C:33:
Error: Undeclared variable FairRunSim*fRun sim_complete.C:33:
*** Interpreter error recovered ***
root [1]
```

One thing I found when I give source check\_system.sh in buildpanda dir myself, it is giving such statement:

```
bhatt@ikp398:~/PANDA/pandaroot/buildpanda> source check_system.sh
System during compilation:
```

```
System now          : Welcome to openSUSE 11.1 - Kernel r (l).
                    x86_64
```

```
You try to run the software on a different
linux flavour than it was compiled on.
```

```
This is normaly a serious error, so we stop
the execution at this point.
```

```
If you know what you do you can change the
config.sh script to bypass this security issue.
```

```
You try to run the software on a different
linux flavour than it was compiled on.
```

```
This is normaly a serious error, so we stop
the execution at this point.
```

```
If you know what you do you can change the
config.sh script to bypass this security issue.
```

```
bhatt@ikp398:~/PANDA/pandaroot/buildpanda>
```

---

Subject: Re: Problem in runing macro /macro/run/sim\_complete.C

Posted by [StefanoSpataro](#) on Thu, 17 Jan 2013 09:25:03 GMT

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It seems that the following lines are not executed:

```
gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");
rootlogon();
```

Have you modified your sim\_complete.C?

---

Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Thu, 17 Jan 2013 10:45:47 GMT

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No, I didn't modified that file.

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Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Stefano Spataro](#) on Thu, 17 Jan 2013 10:47:20 GMT

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Can you execute these lines from your root shell?

```
gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");
rootlogon();
```

---

Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Thu, 17 Jan 2013 11:24:43 GMT

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Yes I tried it. I don't know whether it should show some additional messages but in my case when I execute this command it is like this:

```
bhatt@ikp398:~/PANDA/pandaroot/macro/run> root -l
root [0] gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");
root [1] rootlogon();
root [2]
```

---

Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Stefano Spataro](#) on Thu, 17 Jan 2013 11:25:50 GMT

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It is not working. Can you check if \$VMCWORKDIR is set?

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Subject: Re: Problem in running macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Thu, 17 Jan 2013 11:54:53 GMT

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My bashrc looks like:

```
export ROOTSYS="$HOME/PANDA/sep12/tools/root/"
export SIMPATH=$HOME/PANDA/INSTALL/
export VMCWORKDIR=$HOME/PANDA/pandaroot
export PATH=$PATH:$SIMPATH/bin
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$SIMPATH/lib:$SIMPATH/lib/root
```

---

Subject: Re: Problem in runing macro /macro/run/sim\_complete.C

Posted by [Stefano Spataro](#) on Thu, 17 Jan 2013 13:57:58 GMT

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You don't have to set such variables in the .bashrc, they could conflict.  
The environment is set after you launch the:

```
./config.sh
```

Can you remove such voices in your bash rc, open a new terminal, launch the config, do:

```
echo $VMCWORKDIR  
ls $VMCWORKDIR/gconfig/rootlogon.C
```

and put here the output? Probably you screwed such variables.

---

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Subject: Re: Problem in runing macro /macro/run/sim\_complete.C

Posted by [Himani Bhatt](#) on Fri, 18 Jan 2013 12:15:13 GMT

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Now its working. I removed the stuffs from the bashrc and execute: ./config.sh. Before I was executing with wrong command: ./config.sh

Thanks a lot.

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