FNAL Software School, Summer 2014 - Bug #6739

Lacking Permissions

08/03/2014 02:34 PM - Steven Boi

Status:	Closed		**Start date:**	08/03/2014
Priority:	Normal		**Due date:**	
Assignee:	Steven Boi		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

Hello,

I logged into the mu2egpvm05.

I am unable to make a directory in my home directory, so I went to where I keep my other files /grid/data/mu2e/personal/kc9qin/ and made a directory there. I was able to gather all the files and *make*, but in following the instructions, *make test* returns this error:

```
<mu2egpvm05.fnal.gov> make test
./dataGen > testlog_dataGen
/bin/sh: ./dataGen: Permission denied
make: *** [dataGen.test] Error 126
```

I then attempted to run by hand both *./dataGen >& dataGen.log* and *./dataRead >& dataRead.log*, which appeared to worked. But trying to perform *diff dataGen.log dataRead.log* gives this:

```
<mu2egpvm05.fnal.gov> diff dataGen.log dataRead.log
1c1
< -bash: ./dataGen: Permission denied
---
> -bash: ./dataRead: Permission denied
```

History

#1 - 08/03/2014 03:21 PM - Rob Kutschke

Hi Steven,

```
Please let me know if you get this by replying to this ticket.
```

```
About making a subdirectory in your home directory.  Two questions:
1) Have you successfully done it before and it just failed this time?
2) Have you been logged to mu2egpvm05 for more than a day?
```

```
The solution is to put your files on  /mu2e/app/users
```

You should be able to make a directory for yourself there - name it after your kerberos principal.

```
The reason that you cannot make a file on /grid/data/mu2e is the following.  Fermilab policy is that if a disk
 a writeable from a grid node it must be mounted noexec on the interactive nodes.  This is a security feature
to stop rogue grid jobs from writing code to disks from which it can be run on interactive nodes.  See:
```

http://mu2e.fnal.gov/public/hep/computing/hardwareResources.shtml#BlueArc

Let me know if it works.

Rob

#2 - 08/03/2014 03:46 PM - Steven Boi

- Status changed from New to Closed

- % Done changed from 0 to 100

Hi Rob,

I received your response.

For making a sub-directory in my home directory:
1) Today was the first time attempting to make one. There weren't any permissions to change to the various sub-directories either.
2) This was my first login to mu2egpvm05; login duration on the scale of a few hours.

I placed the files into /mu2e/app/users/kc9qin and it worked.

Thank you,
Steve