

art - Bug #5773

config_dumper can not read files in dCache via xrootd

03/27/2014 12:47 PM - Thomas Junk

Status:	Closed	Start date:	03/27/2014
Priority:	Normal	Due date:	
Assignee:	Christopher Green	% Done:	100%
Category:	I/O	Estimated time:	0.00 hour
Target version:	1.09.03	Spent time:	0.75 hour
Occurs In:		Experiment:	LBNE
Scope:	Internal	SSI Package:	art

Description

Many thanks to Mark Mengel who told us how to access files in dCache scratch via xrootd. Instructions are at the bottom of this wiki page

https://cdcvs.fnal.gov/redmine/projects/lbne-software-and-computing/wiki/Using_LBNE_dCache_Scratch_Space_at_Fermilab

I can verify that the example file can be browsed with ROOT and even read in with an art executable following these instructions, but config_dumper can not open the file. After setting up my grid proxy and opening the file in root and lar, I tried this:

```
<lbnegpvm02.fnal.gov> config_dumper root://fndca1.fnal.gov:1094/pnfs/fnal.gov/usr/lbne/scratch/users/qzli/TESTFILE.root
Error in <TFile::TFile>: file pnfs/fnal.gov/usr/lbne/scratch/users/qzli/TESTFILE.root does not exist
Unable to open file 'root://fndca1.fnal.gov:1094/pnfs/fnal.gov/usr/lbne/scratch/users/qzli/TESTFILE.root' for reading.
Skipping to next file.
```

Related issues:

Related to art - Bug #5629: sam_metadata_dumper fails to open xrootd input Closed 03/11/2014

Associated revisions

Revision 44e9739c - 03/27/2014 02:58 PM - Christopher Green

Fix for issue #5773.

History

#1 - 03/27/2014 02:59 PM - Christopher Green

- Category set to I/O
- Status changed from New to Resolved
- Assignee set to Christopher Green
- Target version set to 1.09.03

This is an exact analog of issue [#5629](#).

Fixed with [44e9739](#)

#2 - 03/27/2014 03:04 PM - Christopher Green

- % Done changed from 0 to 100
- SSI Package art added
- SSI Package deleted ()

#3 - 05/01/2014 03:27 PM - Marc Paterno

- Status changed from Resolved to Closed