

```
depc218.gsi.de - SecureCRT
File Edit View Options Transfer Script Tools Help
depc218.gsi.de

[anar@depc218 proof_demo1]$ root
*****
*                                     *
*           W E L C O M E  to  R O O T           *
*                                     *
*   Version   5.11/06           1 June 2006   *
*                                     *
*   You are welcome to visit our Web site   *
*           http://root.cern.ch             *
*                                     *
*****

FreeType Engine v2.1.9 used to render TrueType fonts.
Compiled on 13 November 2006 for linux with thread support.

CINT/ROOT C/C++ Interpreter version 5.16.12, May 16, 2006
Type ? for help. Commands must be C++ statements.
Enclose multiple statements between { }.
root [0] TGrid::Connect( "glite" );
Info in <TGLite::TGLite>: gLite API Wrapper engine has been successfully initialized.
root [1] TGridJob *job = gGrid->Submit("/home/anar/svn/grid/D-Grid/gLite_PROOF/trunk/gLite_PROOF/proof.jdl");
Info in <TGLite::Submit>: Job successfully submitted
Info in <TGLite::Submit>: NativeJobID https://grid25.gsi.de:9000/GCwh12AP8JsCDtUXKYdBzw; ROOT JobID 1;
root [2] TGridJobStatus *status = job->GetJobStatus();
root [3] status->GetStatus();
Info in <TGLiteJobStatus::GetStatus>: Native JobID = https://grid25.gsi.de:9000/GCwh12AP8JsCDtUXKYdBzw
Info in <TGLiteJobStatus::GetStatus>: Job status is [3]; gLite status code is "Ready"; gLite status string is "matching
s found"
Info in <TGLiteJobStatus::GetStatus>: Job status is kWAITING
root [4] gGrid->Cd("/grid/dech/");
send2nsd: reply too large
root [5] TGridResult *all_res = gGrid->Ls();
root [6] Int_t i = 0;
root [7] while( all_res->GetFileName(i)) \
> cout << "File " << all_res->GetFileName(i++) << endl;
File anar_test
File dstarmb.root
File dstarp1a.root
File glite-api-wrapper.cfg.xml
File glite-api-wrapper.cfg.xml_grid0
File root_file_test.file
File root_file_test1.file
File root_file_test2.file
File root_file_test3.file
File root_file_test4.file
File root_file_test5.file
File root_file_test6.file
File root_file_test7.file
File root_file_test8.file
File root_file_test9.file
File root_test1
File root_test2
File root_test3
```

```
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root [8] TGridResult *res = gGrid->Query( "/grid/dech", ".*\\.root$" );
root [9] TDSet *set;
root [10] set = new TDSet("TTree","h42");
root [11] for ( Int_t i = 0; res->GetKey( i, "sfno" ); ++i )\
> set->Add( res->GetKey( i, "sfno" ) );
root [12] set->GetListOfElements()->Print();
      LFN: root://grid24.gsi.de:5152//home/dech001/dstarmb.root
      LFN: root://grid24.gsi.de:5152//home/dech001/dstarp1a.root
root [13] status->GetStatus();
Info in <TGLiteJobStatus::GetStatus>: Native JobID = https://grid25.gsi.de:9000/GCwh12AP8JsCDtUXKYdBzw
Info in <TGLiteJobStatus::GetStatus>: Job status is [5]; gLite status code is "Running"; gLite status string is "execut
unning"
Info in <TGLiteJobStatus::GetStatus>: Job status is kRUNNING
root [14] gROOT->Proof("proof://grid24.gsi.de:5151");
Starting master: opening connection ...
Starting master: OK
Opening connections to workers: OK (1 workers)
Setting up worker servers: OK (1 workers)
PROOF set to parallel mode (1 workers)
root [15] gProof->Print();
Connected to:      grid24.gsi.de (valid)
Port number:      5151
User:             anar
Security context:  Method: 3 (Globus) expiring on Thu Nov 30 08:09:55 2006
Proofd protocol version: 13
Client protocol version: 9
Remote protocol version: 9
Log level:        0
Session unique tag: 0-grid24-1164829415-17417
*** Master server 0 (parallel mode, 1 slaves):
Master host name:  grid24
Port number:       5151
User:             dech001
Protocol version:  9
Image name:        grid24.gsi.de
Working directory: /home/dech001/master-0-grid24-1164829415-17417
Config directory:  /usr/R00T/5.11.06
Config file:       proof.conf
Log level:         0
Number of slaves:   1
Number of active slaves: 1
Number of unique slaves: 0
Number of bad slaves: 0
Total MB's processed: 0.00
Total real time used (s): 0.001
Total CPU time used (s): -0.000
root [16] set->Process("myselector.C");
OBJ: TStatus      PROOF_Status      OK
<TCanvas::MakeDefCanvas>: created default TCanvas with name c1
TH1.Print Name = fHist, Entries= 95163, Total sum= 95009
root [17]
```

PROOF Query Progress: grid24.gsi.de

Executing on PROOF cluster "grid24.gsi.de" with 1 parallel workers:
Selector: myselector.C
2 files, number of events 95163, starting event 0

Estimated time left: 11.2 sec (50468 events of 95163 processed)
Processing rate: 3986.7 events/sec

☐ Close dialog when processing is complete

☐ Show only logs from query

last

Stop

Cancel

Close

Show Logs

c1

File Edit View Options Inspect Classes Help

ptd0_d

fHist	
Entries	95163
Mean	1.993
RMS	0.7186

A histogram plot titled 'ptd0_d'. The y-axis represents frequency, ranging from 0 to 25,000 with major ticks every 5,000. The x-axis represents the value of ptd0_d, ranging from 0 to 8 with major ticks every 1 unit. The histogram shows a sharp peak at approximately 1.5, reaching a frequency of about 24,000. The distribution then decays rapidly, forming a long tail that extends to the right, reaching a frequency of about 1,000 at x=8.