The pixie based dacq uses two computers: grpc02 (control room) and vme51 (vault)

Login into grpc02 as pixie16.

Connect to vme51, for example using command:

`govme51`
(or using ssh -X vme51)
This will create a terminal window and inquiry for a password.
(Use same password as on grpc02).
Now if necessary, boot the pixie cards:

`bootpixie`
(An error message is bad news, repeated boot most likely won't help. Call experts).

If boot successful start the list-mode readout program (VME51).

`poll`

New window will be created and the polling program started.
This program will listen to pacman instructions, reads the pixie16 data and send them to grpc02.

Open terminal window on grpc02, type

`pacman`
(in this version of pacman valid commands are
`startvme, stopvme, trun, tstop, fdir, ouf`).

Original scan is in `/home/pixie16/pixie16scan/scan_c++`. We will use a link to the scan code and take data on:

`/home/pixie16/leribss001`

Typing:

`scan`
will take you to this directory.

You may recompile scan with

`make`

Scan data with

`pixie_ldf_c xxx`  
`shm`  
`go`

^C - stops the scan
`end` - saves the histogram
`kill` - quits without saving

View histograms
open terminal
`scan`
`damm`
`in xxx.his`
configuration of pixie16 on VME51

text based UI:
Type:
  pconf
this will start command control prompt

or root based GUI:
Type:
  pgui
This will start the graphic based control program.