

Protocol 11. Meeting Di, 16.02.11 14.00 – 15.00

Participants:Ludwig, Stefan, Harald, Solveigh, Alex(Protokoll)

1. *Additional Beam Diagnostic NFS requirements*

- [base]/[arch]/bin
- Prod/Test for drivers
- Timing drivers in seperate folder, not in "drivers" (postponed, will be done if required)
- r/w right on special Timing folders (postponed, will be done if required)
- predefined /scratch mount (per default just on ram-disk ... possibility to use nfs mount)
- The r/w folder /data will be mounted on each FEC and seperated into
 - /data/[FECName]
 - /data/[FECName]/fesa-data (for persistancy files)
 - /data/shared
- A test is needed to see, if a FESA3 class can crash if the NFS crashes while writing peristancy data.
- A script generator for the FEC-specific init scrips will propably be necesarry with a growing number of FEC's. For the first this issue will be postponed.

2. *SCU Tests*

- For the first no further performance tests forseen

3. *FPGA Interface Definition*

- Stefan Rauch will take care about this issue (#11)

4. *SVN Structures*

- In the first approach we will use the same svn structures like at CERN. These are:
acc.gsi.de/svn/fesa/
- fesa-app
 - fesa-class
 - BEL
 - FE
 - HF
 - ...

- fesa-deploy-unit
 - BEL
 - FE
 - HF
 - ...
- As well a repository-place to store hardware driver code should exist. A first approach would be:
acc.gsi.de/svn/drivers Alex will talk with Christoph to figure out if this would be a proper location.

5. NFS Access Rights

- To simplify the management of the read-only tree from within the blade-system, we agreed on restricting write privileges by using the account "fesauser". That means whenever anybody wants to deploy/deliver a class /deploy unit, the password for the "fesauser" will be requested.
- If this restriction should be too low, one could think about allowing only "fesaadm" to write to "prod" folders.
- In the design document of a fesa class, the developer can define some entries:
 - creator (1) (is predefined with the acc-name of the developer)
 - editor with full access (0 .. N)
 - editor with limited access (0 .. N)

One could imagine to couple the deploy/deliver right with the user-accounts which are defined there. But again, this would require access rights per folder in the NFS-tree on the blades.

6. EventConnection / DataCorrelation

- This issue will be discussed on a separate meeting