

Meeting Minutes - Mi, 16.01.2013, 14:00-15:00

Participants: Solveigh Matthies, Matthias Wiebel, Ludwig Hechler, Harald Bräuning, Alexander Schwinn (Protokoll)

1. New release Fesa3 v0.8.0

- Installed on asl-cluster (asl72x), should run stable.
- Installation for MiniControlSystem will be done with v0.8.1 in the next week
- Cosylab already installed 0.8.0 (Currently some minor problems on compile, concerning libboost)
- The possibility to test a fresh installation together with a FEC will be checked, in order to validate the full system.
- Currently the only testclass to test a fresh install is the "GSITemplateIntegrationTest". As well all integration-test classes provided by CERN will be added in the future.
- Installation on new asl-cluster featuring SLC6:
 - No official FEC-boot-image available yet. (Tobias Hoffman has a self-build boot-image)
 - No mounted nfs-pathes for FEC's yet.
 - Kernel-driver for VME-TimingConverter has to be compiled for SLC6, without cern-dependencies to /acc/local/...
 - Alexander Schwinn will ask Christoph Handel when he will have time
- Demo of v0.8.0
 - Since Harald Braeuning will provide a tutorial in february which as well covers the new Fesa-release, no need to offer an additional demo. Harald's tutorial will be on the 07.02 and 08.02. On interest, just contact him!
- Start-script to launch fesa-binaries
 - We had a small discussion about if it would make sense to move the script to the "global", instead of the "local" folder (local is FEC,specific).
 - However than it would not be possible to e.g. provide a different "fesa.cfg" for a specific FEC. So we agreed on leaving it where it currently is.
 - We agreed to allways overwrite the generated start-scrip (like it is now)
 - For different binary-versions
 - For different deployment-modes
 - So there always will be only one script, instead of having one script per version and deployment-mode.
 - Script for launching classes directly in workspace:
 - Solveigh Matthies will add a script directly near the instance-file. So it will not be necessary to deliver classes which should only run on the asl-cluster. And as well the risk of name-clashes for testclasses will be reduced.
 - Possibly we can share source-code with CERN here, since they as well generate some kind of start-script.

2. ACU-Power-Supplies

- Together with Gerd Schulz, Matthias Thieme and Wolfgang Panschow a agreement for the register-assignment was found. E.g. Setting invalid combinations of data will result in an error now. The new firmware as well will be backward-compatible. The hardware team currently is working on a new version of that firmware.
- The development of the Saclely power-supply-classes will be done with the new firmware and with fesa v0.8.0/0.8.1. The idea is to directly connect the ACU to the MCS-computers. Matthias Wiebel will contact Christoph Handel for that.
- A loopback cable on the ACU will "simulate" the real power-supply by connecting an output-channel to an input-channel.

3. Fesa Explorer

- Since the FESA-navigator from CERN was difficult to maintain and generated different problems, Harald Braeuning did the effort to develop a light-weight solution in order to replace the navigator. In the current release one can already use it (Navigator-button in the instance-file).

Here some of the mayor differences to the Navigator:

- Can be integrated into Eclipse, or used stand-alone
- No need to enter the server-name manually
- Introduces lab-specific part as well in Java (For DB-Interaction, Access-Control-System, ...)
- No RBAC-token-validation timeouts any more at GSI
- Not needed to transfere zip-files any more
- Later as well usable as separate eclipse-plugin

4. Next tiny-release

- End of this week/start of next week 0.8.1 will be released, introducing many bugfixes of 0.8.0. Porting of 0.8.0 classes, DU's, etc should be trivial.