

status Lt module software
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new functionality

- F-MUX integration
- Root file compatible with ARC system
- DCU -id readout

ps:

The developments are done on RedHat 7.2 but up to now no problems are reported for RedHat 7.3 (used at CERN) .

improvements

- Humidity software “interlock”
- more controls in case of problems. Direct control of DAQ (scope mode) , F-MUX , cold box control
- registration of (hybrid) I2C errors and “DAQ” errors.
- exclude modules with too many errors from measurements.
- command line options
- directory structure has changed. GUI is now “hierarchical”.
- DCU conversions almost ready

Attention !!

- Take care you have the latest stable version (tag stable0703) for the Daq_Cms_Like and Fec software .
- Please take care about the correct definition of the hardware configuration file:
 - take care **not** to define I2C address (PAACB) or ADC channels (electrometers) **twice**.
 - Take care that the device numbers are different. (for equal devices like current probes, temperature probes)
- Make sure all I2C devices connected to the TSC/TPO are powered (F-MUX, PAACB's)
- All VUTRI's connected to the CCU module should be defined in the configuration file .

status

- beta version is under test in Torino and USBC.
- missing save of information in one record.
- waiting for definitive data base tables before going to production data base.
 - To be fixed after this meeting (additional meeting)
 - implementation this week.
 - release of version lt_1_20
- After this tuning of the threshold levels (TIB, TEC 1 module, 2 modules , TOB == TEC?) .
- IF levels change, eventual rerun the root file and download the new results again to the data base ?