Precautions in Handling TRG/FCS Hardware

General precautions:

- Move slowly.
- Pause before any major action:
  - Is this what you really want to do?
  - Everything else around this in right setup?
    - (power off? Back of crate card right type? etc.)
- Take note of settings before change anything.
- Nothing (almost) should require brute force.
- Unless absolutely sure, don’t `try/guess’ with hardware.
Standard DAQ crate

Teststand:
Slot 1: ROM
Slot 4: FCDM
Slot 5: FCPM

slots not interchangable!

Standard VME J1/J2 backplane

Custom J3 backplane

Note: socket key system to prevent insertion of wrong type of boards.
Trigger Front End Crate

Custom J1/J2
(trigger signals, voltages)

Communicate with back of Crate card (TSFi, ZPDi, GLTi etc.)

DIRC J3
(clocks, voltages, slow-mon C-link/D-link data/D data)

Slot 5 only: DCC

Slot 6-22: Trg boards
(DCC must go in slot-5
Trg board must >= 6 ! )
Board Insertion/Ejection