Online Software M6->M7

Murrough Landon
10 November 2014

- Progress in M6
- Plans for M7

M6

- PPM
  - REM+Calippr FW updated and corresponding SW updated
  - New readout scheme
- CPM/JEM
  - New CPM error counters for CPchip-HitMerger errors
  - Trying to understand errors from JEM input timing scan
- ROD
  - CMX-CP tested OK
- CMX
  - Fleshed out cmxServices: basic configuration
    - Still not the fine timing setup
- L1Topo
  - Also fleshed out topoControl: added ROD configuration, fixed address map, started expanding IGUI panel

Towards M7

- **PPM**
  - Another FW update, bytestream decoders for new ROD formats, start COOL database changes?
- **JEM**
  - Get input timing working again
- **ROD**
  - Update rodSim for new PPM formats
- **CMX**
  - Further cmxServices updates, also cmxSim?
- **L1Topo**
  - Plenty of testing: configuration, ROD, compare with simulation

Miscellaneous

- TDAQ technical run this week
  - No access to ROSes this week unless we ask
- CTP
  - New CTP installation delayed
    - No new trigger menu for M7
- Database
  - Changes to our COOL database schema are not yet ready
  - Stick with private sqlite file until after M7