Online SW Activities

Murrough Landon
27 June 2013

- News
- SW for recommissioning?

Online Software News

- **TDAQ**
  - Next release (tdaq-05-00-00) is now available!
    - Linked to the very latest LCG release and using gcc 4.7
    - Built for i686 and x86_64 and both SLC5 and SLC6
  - However, no corresponding offline releases for SLC5
    - And SLC6 releases only in the development nightlies so far
      - NB we need DetCommon from offline for trigger menus
  - So in practice we have to move to SLC6 to use tdaq-05-00-00
- **IPbus**
  - I have built IPbus (uhal_2_0_2) with SLC6, gcc47 & new LCG
    - So far only for x86_64
    - A few fixes needed for latest fussinesses from the new compiler
      - CMS use the default (older) compiler for the corresponding SLC version
  - Next step, return to work on L1Calo example module package

SW for P1 Recommissioning?

- Do we need to support multiple versions at once?
  - Eg new style for CP crates leaving old style for JEP crate?
  - New style for single CP/JEP crate leaving others in old style?
- If yes, it means extra work!
  - Need to allow (but not require) new menu thresholds
  - Add OKS(?) flags to identify FW/SW version per crate?
  - Interpretation of this in software
  - Conditional flags in CPM/JEM module services (and sim)
- Pros and Cons
  - Convenience for stepwise CMX installation & commissioning
  - Extra software support effort...
  - Discuss!