Software Meeting: Discussion Points

Murrough Landon – 6 April 2005

`http://www.hep.ph.qmul.ac.uk/~landon/talks`

Overview

- Run types

- Point 1 software environment

Run Types

What do we want in future?

- specification of alternate firmware (already on board) – per module type?

- test vectors (DataGenRecipes) – per module (eg for TTC DSS)?

- test vector generation parameters (optionally still from IS/IGUI)

- some key parameters per module type (eg BCMUX mode, TTC commands?)

- sequence: N steps, step size, N triggers or time per step

- what to increment during the sequence

- what to readout

- what type of analysis to perform

Point 1 Software Environment

- computing, network and system management environment at point 1 is being defined now

- strict firewall policy

- individual user accounts on ATLAS control network but no private laptops

- no AFS access and no compilation!

- suggests we need more tagging and frequent releases or patches if we need rapid software development during installation and commissioning - or perhaps a requirement that we have developed and frozen the commissioning tools well beforehand!