

RCMS and XDAQ Status

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RCMS <-> XDAQ Integration Status

- PixelFunctionManager <-> PixelSupervisor integration done.
- PixelSupervisorGUI abandoned. PixelSupervisor has its own GUI.
 - FSM GUI
 - Low Level GUI (Jenny was developing in PixelSupervisor, should be moved here)
 - Console Output to HTML text box. (Useless if XDAQ crashes though)
- PixelFunctionManager FSM Command “Configure” needs an Alias aka Run Type. PixelFunctionManager FSM Command “Start” needs a Run Number. The GUI does not prompt for these and the user must remember to use them or PixelFunctionManager goes into ERROR state.
- PixelFunctionManager cannot detect the CONFIGURED state of PixelSupervisor. This has to do with how the SOAP message is sent with Alias as an attribute. Will ask Alex Oh. Does not interfere with running so far.

Miscellaneous XDAQ Issues

- Baseline Calibration drawing .GIF files problematic. Problem with using ROOT libraries in pixel/PixelUtilities/PixelFEDDataTools/PixelDecodedFEDRawData. Need to coordinate with Steve to get this fixed.

Drawing of .GIF files in Baseline Calibration removed from Head of CVS.

- PixelFEDSupervisor automatically splits files > 2GB in ReadFIFO method. Compiles, but not tested. Will try Anders' solution of using C I/O and compiling with `-D_FILE_OFFSET_BITS=64`. Do we need to recompile XDAQ?