

3000xx - DMO Support - MARS O&M

Week 47

1. Kent Headley
 - a. Testing some GUI updates: adding support for MVC serial output status data. This is working as well as I can test it off-target; will test when I'm back in the office.

Week 43

1. Kent Headley
 - a. Wrote and tested an improved implementation of a GUI bug fix to address incorrect relay state indication. In the new version, hardware write results are used to indicate success/failure, eliminating the need to maintain relay state in the GUI.

Week 42

1. Kent Headley
 - a. Implemented proposed patch for GUI bug (relay state reported incorrectly, i.e. out of sync with true state). The patch addresses two issues in the current implementation: a single variable was used to maintain state for multiple ports, and the state variable was not being updated by other operations that changed the state. IMO, there is an underlying issue, which is that the existing code always assumes that hardware operation function calls succeed, when in fact they can fail without changing the hardware state.
 - b. Meeting with MARS team

Week 37

1. Kent Headley
 - a. cloned test node hardware stack SSD
 - b. reviewing node control software logging

Week 35

1. Kent Headley
 - a. working on cloning test node SSD
 - b. reviewing codebase

Week 34

1. Kent Headley
 - a. Working with Mike Risi to come up to speed on MARS software transfer from UW
 - b. built repo, trying out hardware