

inst-bpm - Milestone #9017

State Machine subsystem

06/03/2015 10:02 AM - John Diamond

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|--|--------------|------------------------|-----------------|
| Status: | Accepted | Start date: | 06/03/2015 |
| Priority: | Normal | Due date: | |
| Assignee: | John Diamond | % Done: | 95% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | Spent time: | 113.65 hours |
| Description | | | |
| The state machine subsystem is responsible for coordinating the Control task with the Booster via the timing hardware. | | | |
| Subtasks: | | | |
| Task # 9030: Implement attach-to-tclk support for BTime | | | Closed |
| Bug # 9032: State machine task does not properly shutdown. | | | Closed |
| Bug # 9081: Detach from TCLK events when StateMachine is destroyed | | | Closed |
| Feature # 9042: Implement detach-all TCLK for BTime | | | Closed |
| Task # 9084: Verify that necessary signals are present when device is initialized. | | | Closed |
| Bug # 9085: VME Interrupt already taken error when re-launching bpmd | | | Closed |
| Task # 9113: Command List / Measurement Modes Design | | | Closed |
| Task # 9189: Shared Allocator for STL Containers | | | Rejected |
| Task # 9191: Implemented SharedCommandListTable | | | Closed |
| Task # 9198: Implement bpmcli interface for creating/editing/removing entries in the co... | | | Closed |
| Task # 9250: Execute CommandLists | | | Assigned |
| Task # 9383: Implement timer-triggered commands | | | New |
| Task # 9385: State Machine subsystem test | | | New |
| Task # 9658: Instrument bpmd control commands and display their execution time in syslog | | | New |

History

#1 - 06/03/2015 11:13 AM - John Diamond

- % Done changed from 10 to 20

Began implementing the StateMachine class and the state machine task.