

TCLK Infrastructure - Bug #20304

libpmctrig-3.2 seems to cause failures on NBPMOV

07/11/2018 03:28 PM - Dennis Nicklaus

Status:	New	Start date:	07/11/2018
Priority:	Normal	Due date:	
Assignee:	Richard Neswold	% Done:	0%
Category:	PMCUCD library for VxWorks	Estimated time:	0.00 hour
Target version:			
Description			
<p>Duane reports that there have been longstanding problems with stability of the node NBPMOV (Numi Orbit Verification) and his investigations point to the file libpmctrig-3.2 as what causes the node to fail. The node will require rebooting sometimes as often as once per day (or 2 or 3 days) when it is running with that object file.</p> <p>Duane states that nbpmov operates with interrupts at 1 kHz, which is the only thing that distinguishes it from other similar nodes. The system clock hasn't been modified and is still slow (60Hz).</p> <p>He had a serial terminal attached to it across multiple outages, and nothing interesting was printed to the terminal (e.g tasks dying). But he added a diagnostic memShow printout and there looked to be a memory leak.</p> <p>He's currently running with the older libpmctrig-3.0 and has no problems.</p>			