

VME Intensity Monitor - Feature #11258

Milestone # 10477 (New): ANUB Startup

Triggered Beam Devices

12/19/2015 08:01 PM - John Diamond

Status:	Closed	Start date:	12/19/2015
Priority:	Normal	Due date:	
Assignee:	John Diamond	% Done:	100%
Category:		Estimated time:	8.00 hours
Target version:		Spent time:	9.50 hours
Description			
Support for triggered beam devices I:BEAMx and R:BEAMx where x = 1 to 10.			

History

#1 - 12/22/2015 12:48 PM - John Diamond

- % Done changed from 0 to 80

Implemented TriggerMgr, TriggerDevice and TriggerDeviceAccessor classes. Device IDs for Trigger ACNET devices are:

Device ID	ACNET name	Description
0x0050	m:BEAMn	Reading property is the last sample, setting property is the trigger delay
0x0051	m:BEAMTn	Setting property is the trigger event for device ID 0x0050

Configured 10 trigger devices for I:DCCT and R:DCCT.

Verified that triggers work and samples are being returned to ACNET.

Having trouble getting the timing reference displaying on a parameter page. E-mailed Brian Hendricks for help.

Delay settings do not seem to be returned correctly.

Need to implement show routines.

#2 - 12/22/2015 02:53 PM - John Diamond

- % Done changed from 80 to 90

Brian help me get R:DCTT1 working properly. Was able to debug the event & delay setting accessors. Going to make the rest of the ACNET devices now...

#3 - 12/23/2015 11:55 AM - John Diamond

- Status changed from Assigned to Closed

- % Done changed from 90 to 100

Created devices:

- I:DCCT1 - I:DCCT10 with timer reference devices I:DCTT1 - I:DCTT10
- R:DCCT1 - R:DCCT10 with timer reference devices R:RCTT1 - R:DCTT10