

VME Intensity Monitor - Task #11289

Milestone # 10477 (New): ANUB Startup

Support chaining together filter chains

12/22/2015 07:31 PM - John Diamond

Status:	Closed	Start date:	12/22/2015
Priority:	Normal	Due date:	
Assignee:	John Diamond	% Done:	100%
Category:		Estimated time:	2.00 hours
Target version:		Spent time:	1.00 hour
Description			
Perhaps a SpliceFilter that passes the sample through a previously defined filter chain.			

History

#1 - 12/22/2015 08:16 PM - John Diamond

- Status changed from Assigned to Closed
- % Done changed from 0 to 100

Implemented SpliceFilter.

Configured I:BCDCCT and R:BCDCCT to splice in I:DCCT and R:DCCT filter chains instead of re-implementing them.

This implementation is a little naive due to time constraints. Because each AbstractFilter implementation may contain it's own state, SpliceFilter should (ideally) make a copy of the spliced-in ChainFilter and pass the processed sample through the copied filter chain. This implementation just calls get() on the spliced-in filter chain in it's process() method instead of passing through the sample. This means it's only effective at the beginning of the chain - good enough for now...