

adinstbpm - Task #20665

Milestone # 20350 (New): IOTA BPM deployment

Support multiple sets of coefficients for 2-D fits

08/22/2018 08:51 PM - John Diamond

Status:	New	Start date:	08/22/2018
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	24.00 hours
Target version:		Spent time:	0.00 hour
Description			
<p>Right now the IOTA BPMs use a 2-d fit for their position calculation. The co-efficients are hard-coded, but there is at least one BPM at IOTA that needs to use a different set of coefficients.</p> <p>There are ~30 coefficients for the fit, so specifying the same coefficients over and over again on the BPM-level in bpmd.conf would be cumbersome. There should be some way of specifying "default" coefficients for all BPMs and then over-riding with a different set of coefficients on the BPM-level.</p>			