

## 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

<b>Status:</b>	New	<b>Start date:</b>	08/22/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	24.00 hours
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
<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>			