Kepler - Bug #5363

spanTodt performance

04/01/2011 04:30 PM - Derik Barseghian

Status:	New	**Start date:**	04/01/2011
Priority:	Normal	**Due date:**	
Assignee:	Derik Barseghian	**% Done:**	0%
Category:	sensor-view	**Estimated time:**	0.00 hour
Target version:	sensor-view-1.x.y	**Spent time:**	0.00 hour
Bugzilla-Id:	5363		

Description

The spanTodt process is often hovering around 90% cpu usage on my gumstix (i'm currently sampling batt_volt every 5s, 2 other sensors every 30s, and we're still doing periodic (every 60s) metadata writes for each channel). I made logging pretty verbose, which probably isn't helping performance.
Would be good to improve this.

History

#1 - 04/25/2011 12:22 PM - Derik Barseghian

It looks like spanTodt can also use up the gumstix memory to the point of the oom-killer being repeatedly invoked, including killing span-dcd:

Out of memory: kill process 1265 (dcd_mgr) score 206 or a child
Killed process 1265 (dcd_mgr)
java invoked oom-killer: gfp_mask=0x201da, order=0, oom_adj=0

Before killing spanTodt:

MemTotal: 241596 kB
MemFree: 4788 kB
Buffers: 264 kB
Cached: 5648 kB
SwapCached: 0 kB
Active: 108124 kB
Inactive: 119648 kB
Active(anon): 107016 kB
Inactive(anon): 115024 kB
Active(file): 1108 kB
Inactive(file): 4624 kB

After killing spanTodt:

MemTotal: 241596 kB
MemFree: 195624 kB
Buffers: 288 kB
Cached: 4876 kB
SwapCached: 0 kB
Active: 5640 kB
Inactive: 31828 kB
Active(anon): 4528 kB
Inactive(anon): 27952 kB
Active(file): 1112 kB
Inactive(file): 3876 kB

#2 - 08/30/2012 05:34 PM - Derik Barseghian

Moving to 1.x.y target.

#3 - 03/27/2013 02:30 PM - Redmine Admin

Original Bugzilla ID was 5363