LinHES - Feature # 979: Add GPU Temperature to xymon

Status:	Closed	**Priority:**	Low
Author:	bobmyth	**Category:**	
Created:	10/14/2014	**Assignee:**	
Updated:	10/27/2014	**Due date:**	

Description:	I've created and attached a script for monitoring GPU temperature in xymon. This only works for an NVidia based card with the nvidia drivers installed and the nvidia-smi utility. The script will exit silently if these conditions are not met. The script attempts to identify the model of the video card and then determine the maximum temperature NVidia recommends.

Associated revisions

10/26/2014 10:04 am - jams

xymon: add gputemp.sh, fix permissions, and add some extra try/except to hbnotes

refs #979

History

10/19/2014 09:42 am - jams

This version will not work with LinHES 8.2 because of a change in location for proc nvidia.

Any reason that nvidia-smi wasn't used to determine the model?

10/20/2014 02:08 pm - brfransen

- Status changed from New to Feedback

10/20/2014 07:41 pm - bobmyth

- File gputemp added

Good feedback, I've attached a newer version that does not rely on /proc anymore and uses just nvidia-smi. I let it run overnight and it appears to be working well.

10/24/2014 03:41 pm - bobmyth

- File gputemp added

I just installed a GeForce GT 630, which is not recognized by the NVidia driver in LinHes 8.1. This case causing no temperature to be logged even though the card would report a temperature. This has been fixed.

10/25/2014 08:13 pm - jams

- Target version set to 8.2

- % Done changed from 0 to 90

- Status changed from Feedback to In Progress

10/27/2014 07:00 am - jams

- Status changed from In Progress to Closed

Made a few minor modifications and added it to 8.2

10/27/2014 07:00 am - jams

- % Done changed from 90 to 100

Files

gputemp		1.7 kB	10/14/2014	bobmyth
gputemp		1.8 kB	10/20/2014	bobmyth
gputemp		1.9 kB	10/24/2014	bobmyth