

## LinHES - Feature # 979: Add GPU Temperature to xymon

<b>Status:</b>	Closed	<b>Priority:</b>	Low
<b>Author:</b>	bobmyth	<b>Category:</b>	
<b>Created:</b>	10/14/2014	<b>Assignee:</b>	
<b>Updated:</b>	10/27/2014	<b>Due date:</b>	
<b>Description:</b>	<p>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.</p> <p>The script attempts to identify the model of the video card and then determine the maximum temperature NVidia recommends.</p>		

### 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