

sysfs-pps..txt

What: /sys/class/pps/  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description:

The /sys/class/pps/ directory will contain files and directories that will provide a unified interface to the PPS sources.

What: /sys/class/pps/ppsX/  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description:

The /sys/class/pps/ppsX/ directory is related to X-th PPS source into the system. Each directory will contain files to manage and control its PPS source.

What: /sys/class/pps/ppsX/assert  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description:

The /sys/class/pps/ppsX/assert file reports the assert events and the assert sequence number of the X-th source in the form:

<secs>.<nsec>#<sequence>

If the source has no assert events the content of this file is empty.

What: /sys/class/pps/ppsX/clear  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description:

The /sys/class/pps/ppsX/clear file reports the clear events and the clear sequence number of the X-th source in the form:

<secs>.<nsec>#<sequence>

If the source has no clear events the content of this file is empty.

What: /sys/class/pps/ppsX/mode  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description:

The /sys/class/pps/ppsX/mode file reports the functioning mode of the X-th source in hexadecimal encoding.

Please, refer to linux/include/linux/pps.h for further info.

What: /sys/class/pps/ppsX/echo  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description:

The /sys/class/pps/ppsX/echo file reports if the X-th does or does not support an "echo" function.

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What: /sys/class/pps/ppsX/name  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description: The /sys/class/pps/ppsX/name file reports the name of the X-th source.

What: /sys/class/pps/ppsX/path  
Date: February 2008  
Contact: Rodolfo Giometti <giometti@linux.it>  
Description: The /sys/class/pps/ppsX/path file reports the path name of the device connected with the X-th source.

If the source is not connected with any device the content of this file is empty.