

Parallel Port Devices

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\ [linux-master] [Documentation] [driver-api]miscellaneous.rst, line 4)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: include/linux/parport.h
   :internal:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\ [linux-master] [Documentation] [driver-api]miscellaneous.rst, line 7)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/parport/ieee1284.c
   :export:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\ [linux-master] [Documentation] [driver-api]miscellaneous.rst, line 10)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/parport/share.c
   :export:
```

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```
.. kernel-doc:: drivers/parport/daisy.c
   :internal:
```

16x50 UART Driver

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```
.. kernel-doc:: drivers/tty/serial/serial_core.c
   :export:
```

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```
.. kernel-doc:: drivers/tty/serial/8250/8250_core.c
   :export:
```

Pulse-Width Modulation (PWM)

Pulse-width modulation is a modulation technique primarily used to control power supplied to electrical devices.

The PWM framework provides an abstraction for providers and consumers of PWM signals. A controller that provides one or more

PWM signals is registered as `:ctype:'struct pwm_chip <pwm_chip>'`. Providers are expected to embed this structure in a driver-specific structure. This structure contains fields that describe a particular chip.

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A chip exposes one or more PWM signal sources, each of which exposed as a `:ctype:'struct pwm_device <pwm_device>'`. Operations can be performed on PWM devices to control the period, duty cycle, polarity and active state of the signal.

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Note that PWM devices are exclusive resources: they can always only be used by one consumer at a time.

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```
.. kernel-doc:: include/linux/pwm.h
   :internal:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\ [linux-master] [Documentation] [driver-api]miscellaneous.rst, line 48)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/pwm/core.c
   :export:
```