

TTY Port

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The TTY drivers are advised to use struct `tty_port` helpers as much as possible. If the drivers implement `c:member: 'tty_port.ops.activate()'` and `c:member: 'tty_port.ops.shutdown()'`, they can use `tty_port_open()`, `tty_port_close()`, and `tty_port_hangup()` in respective `c:member: 'tty_struct.ops'` hooks.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\ (linux-master) (Documentation) (tty) tty_port.rst, line 9); [backlink](#)

Unknown interpreted text role "c:member".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\ (linux-master) (Documentation) (tty) tty_port.rst, line 9); [backlink](#)

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Unknown interpreted text role "c:member".

The reference and details are contained in the [TTY Port Reference](#) and [TTY Port Operations Reference](#) sections at the bottom.

TTY Port Functions

Init & Destroy

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\ (linux-master) (Documentation) (tty) tty_port.rst, line 24)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/tty/tty_port.c
   :identifiers: tty_port_init tty_port_destroy
               tty_port_get tty_port_put
```

Open/Close/Hangup Helpers

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\ (linux-master) (Documentation) (tty) tty_port.rst, line 31)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/tty/tty_port.c
   :identifiers: tty_port_install tty_port_open tty_port_block_til_ready
               tty_port_close tty_port_close_start tty_port_close_end tty_port_hangup
               tty_port_shutdown
```

TTY Refcounting

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\ (linux-master) (Documentation) (tty) tty_port.rst, line 39)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/tty/tty_port.c
:identifiers: tty_port_tty_get tty_port_tty_set
```

TTY Helpers

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\linux-master) (Documentation) (tty) tty_port.rst, line 45)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/tty/tty_port.c
:identifiers: tty_port_tty_hangup tty_port_tty_wakeup
```

Modem Signals

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\linux-master) (Documentation) (tty) tty_port.rst, line 52)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/tty/tty_port.c
:identifiers: tty_port_carrier_raised tty_port_raise_dtr_rts
               tty_port_lower_dtr_rts
```

TTY Port Reference

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\linux-master) (Documentation) (tty) tty_port.rst, line 61)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: include/linux/tty_port.h
:identifiers: tty_port
```

TTY Port Operations Reference

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\tty\linux-master) (Documentation) (tty) tty_port.rst, line 69)

Unknown directive type "kernel-doc".

```
.. kernel-doc:: include/linux/tty_port.h
:identifiers: tty_port_operations
```