

**NAME**

**mdio** - IEEE 802.3 Management Data Input/Output interface

**SYNOPSIS**

To compile this driver into the kernel, place the following line in your kernel configuration file:

**device mdio**

**DESCRIPTION**

The **mdio** driver provides an interconnection between the Media Access Control (MAC) sublayer and Physical Layer (PHY) entities' control and status registers, as defined by the IEEE 802.3 Standard.

The **mdio** layer allows device drivers to share common support code for various external PHY devices.

MDIO is one of two signal interfaces that comprise the Media Independent Interface (MII) defined by the IEEE 802.3 Standard. The `miibus(4)` driver provides support for devices that require full MII support.

**SEE ALSO**

`miibus(4)`

**STANDARDS**

More information on MDIO can be found in the IEEE 802.3 Standard.

**HISTORY**

The **mdio** driver first appeared in FreeBSD 10.0.

**AUTHORS**

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