

**NAME**

**arswitch** - driver for Atheros Fast Ethernet switch

**SYNOPSIS**

**device mdio**  
**device etherswitch**  
**device arswitch**

**DESCRIPTION**

The **arswitch** device driver provides a management interface to multiple Atheros fast ethernet switch chips:

AR8216 Fast Ethernet Switch

AR8226

AR8316 Six-port Gigabit Ethernet Switch

AR8327 Seven-port Gigabit Ethernet Switch

The driver uses an `mdio(4)` or `miibus(4)` interface to configure the ethernet interface.

This driver supports port based vlan, and IEEE 802.1Q (QinQ). These options can be configured with the `etherswitchcfg(8)` command. **arswitch** supports `addtag`, `striptag`, and `doubletag`. `addtag` and `striptag` are mutually exclusive.

Setting the switch MAC address is not supported.

**SEE ALSO**

`etherswitch(4)`, `etherswitchcfg(8)`

**HISTORY**

The **arswitch** device driver first appeared in FreeBSD 12.0.

**AUTHORS**

The **arswitch** manual was written by Felix Johnson.