

**NAME**

**ifenslave** — Attach and detach slave network devices to a bonding device.

**SYNOPSIS**

```
ifenslave [ -acdfhuvV] [--all-interfaces] [--change-active] [--detach]  
          [--force] [--help] [--usage] [--verbose] [--version] master slave ...
```

**DESCRIPTION**

**ifenslave** is a tool to attach and detach slave network devices to a bonding device. A bonding device will act like a normal Ethernet network device to the kernel, but will send out the packets via the slave devices using a simple round-robin scheduler. This allows for simple load-balancing, identical to channel bonding or trunking techniques used in switches.

The kernel must have support for bonding devices for **ifenslave** to be useful.

**OPTIONS**

- a, --all-interfaces**  
Show information about all interfaces.
- c, --change-active**  
Change active slave.
- d, --detach**  
Removes slave interfaces from the bonding device.
- f, --force**  
Force actions to be taken if one of the specified interfaces appears not to belong to an Ethernet device.
- h, --help**  
Display a help message and exit.
- u, --usage**  
Show usage information and exit.
- v, --verbose**  
Print warning and debug messages.
- V, --version**  
Show version information and exit.

If no options are given, the default action will be to enslave interfaces.

**EXAMPLE**

The following example shows how to setup a bonding device and enslave two real Ethernet devices to it:

```
# modprobe bonding  
# ifconfig bond0 192.168.0.1 netmask 255.255.0.0  
# ifenslave bond0 eth0 eth1
```

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