Davicom DM9102(A)/DM9132/DM9801 fast ethernet driver for Linux

Note: This driver doesn't have a maintainer.

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This driver provides kernel support for Davicom DM9102(A)/DM9132/DM9801 ethernet cards (CNET 10/100 ethernet cards uses Davicom chipset too, so this driver supports CNET cards too).If you didn't compile this driver as a module, it will automatically load itself on boot and print a line similar to:

```
dmfe: Davicom DM9xxx net driver, version 1.36.4 (2002-01-17)
```

If you compiled this driver as a module, you have to load it on boot.You can load it with command:

```
insmod dmfe
```

This way it will autodetect the device mode.This is the suggested way to load the module.Or you can pass a mode= setting to module while loading, like:

```
insmod dmfe mode=0 # Force 10M Half Duplex
insmod dmfe mode=1 # Force 100M Half Duplex
insmod dmfe mode=4 # Force 10M Full Duplex
insmod dmfe mode=5 # Force 100M Full Duplex
```

Next you should configure your network interface with a command similar to:

```
ifconfig eth0 172.22.3.18
              ^^^^^^^^^^^
              Your IP Address
```

Then you may have to modify the default routing table with command:

```
route add default eth0
```

Now your ethernet card should be up and running.

TODO:

- Implement pci_driver::suspend() and pci_driver::resume() power management methods.
- Check on 64 bit boxes.
- Check and fix on big endian boxes.
- Test and make sure PCI latency is now correct for all cases.

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