NAME

　　pnp - support for "Plug and Play" (PnP) ISA devices

DESCRIPTION

　　The **pnp** driver enumerates ISA devices which support "Plug and Play ISA Specification" in the system. It assigns ISA bus resources (interrupt line, DMA channel, I/O ports, and memory region) to each device and activates it.

　　If it cannot assign necessary resources to a PnP ISA device without causing conflict with other devices in the system, the device will not be activated and will be unavailable to programs.

SEE ALSO

　　pnpbios(4)

STANDARDS

　　Intel and Microsoft, *Plug and Play ISA Specification, Version 1.0a*, May 5, 1994.

　　Clarifications to the Plug and Play ISA Specification, Version 1.0a, December 10, 1994.

HISTORY

　　The **pnp** driver first appeared in FreeBSD 2.2.5. It has been substantially updated in subsequent versions.

AUTHORS

　　PnP support was originally written for FreeBSD 2.2.5 by Luigi Rizzo, based on initial work done by Sujal Patel.

CAVEATS

　　It is not possible to disable individual PnP ISA devices. The **pnp** driver will find all devices conforming the PnP ISA specification and try to activate them all.

　　There is no way to explicitly assign particular resource to the PnP ISA device. The resource assignment is fully automatic and there is no provision for manual override.