

**NAME**

biosdecode – BIOS information decoder

**SYNOPSIS**

**biosdecode** [**OPTIONS**]

**DESCRIPTION**

**biosdecode** parses the BIOS memory and prints information about all structures (or entry points) it knows of. Currently known entry point types are:

- SMBIOS (System Management BIOS)  
Use **dmidecode** for a more detailed output.
- DMI (Desktop Management Interface, a legacy version of SMBIOS)  
Use **dmidecode** for a more detailed output.
- SYSID
- PNP (Plug and Play)
- ACPI (Advanced Configuration and Power Interface)
- BIOS32 (BIOS32 Service Directory)
- PIR (PCI IRQ Routing)
- 32OS (BIOS32 Extension, Compaq-specific)  
See **ownership** for a Compaq ownership tag retrieval tool.
- SNY (Sony-specific, not decoded)
- VPD (Vital Product Data, IBM-specific)  
Use **vpddecode** for a more detailed output.
- FJKEYINF (Application Panel, Fujitsu-specific)

**biosdecode** started its life as a part of **dmidecode** but as more entry point types were added, it was moved to a different program.

**OPTIONS**

**-d, --dev-mem FILE**

Read memory from device **FILE** (default: **/dev/mem**)

**--pir full**

Decode the details of the PCI IRQ routing table

**-h, --help**

Display usage information and exit

**-V, --version**

Display the version and exit

**FILES**

*/dev/mem*

**BUGS**

Most of the time, **biosdecode** prints too much information (you don't really care about addresses) or not enough (because it doesn't follow pointers and has no lookup tables).

**AUTHORS**

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**SEE ALSO****dmidecode(8), mem(4), ownership(8), vpddecode(8)**