



core
systems

Spoilt for Choice

What is the best LinuxBIOS payload

Discussion on the
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LinuxBIOS and Religion?

- The payload discussion is far from being a religious discussion (aka Vi vs. Emacs, SuSE/Redhat vs. Debian, Pine vs. Mutt...)
- A daring thesis might be there's as many different payloads as core developers ;-)
- This makes choice very hard for the first time user



Cutting the choice?

- Far from that! LinuxBIOS should keep its ability to use any payload a user wants.
- The “best payload“ could be used for the binary images provided on <http://snapshots.linuxbios.org/>



Linux & buildrom

- Hence the name LinuxBIOS
- Lots of drivers (boot from SCSI)
- Shell available (busybox)
- Easily extendable
- Nice graphical boot loader (?)
- 8MBit flash, no less.



Etherboot

- Lots of network cards supported
- Boot via dhcp/tftp/nfs/http/ftp/...
- PXE?
- Old version of FILO integrated (USB, SATA)
- <http://www.etherboot.org/>
- (theoretically) boots BSD



FILO

- GRUB-like interface
- USB, SATA boot facility
- Reuses GRUB's filesystem drivers
- Simple configuration
- <http://linuxbios.org/index.php/FILO>



OpenBIOS / OpenBoot

- IEEE 1275-1994 Open Firmware standard
- Several free Open Firmware implementations available: OpenBIOS, OpenBoot, SLOF, SmartFirmware, (i.p.) Firmworks firmware (i.p.)
- FCODE option roms
- Debug facility
- <http://www.openbios.org/>



ADLO

- 16bit bios compatibility
- Boots Windows 2000 (possibly XP)
- Uses BOCHS bios to achieve compatibility.
- Hardware dependent
- <http://linuxbios.org/index.php/ADLO>



Discussion

