

# SUSE na PPC

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Novell.

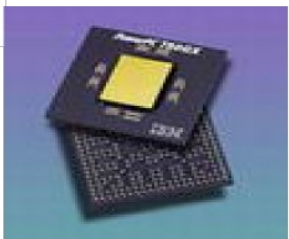
## Agenda

- Open Firmware
- Bootování
- HFS+
- Ovladače xBook

1993 1994 1995 1997 1998 1999 2000 2002 2003 2004

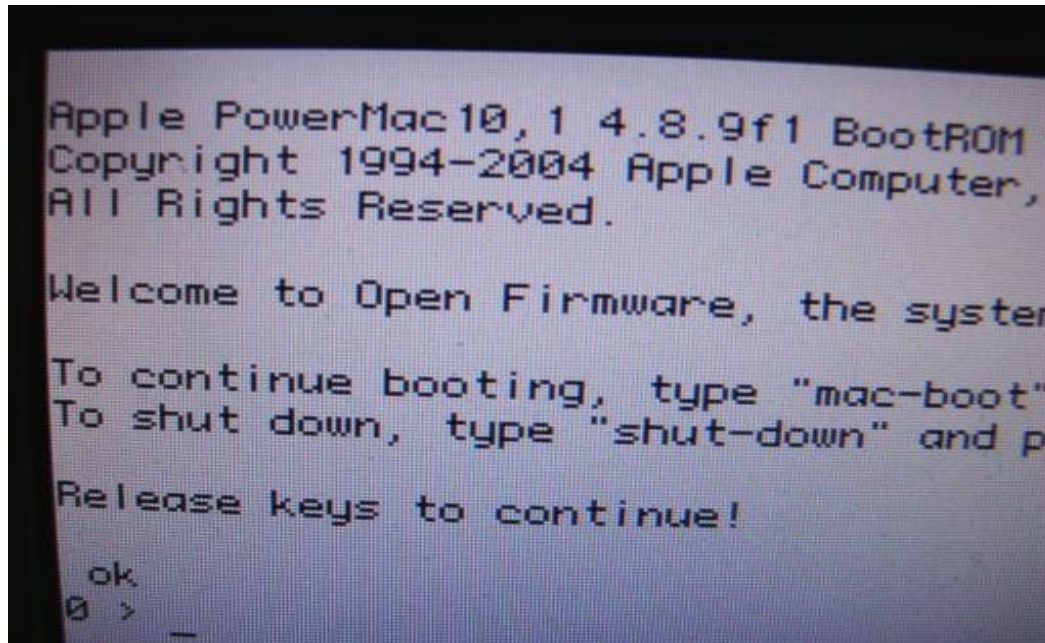


602, 603, 604, 604e, 604ev





# Open Firmware



- <http://playground.sun.com/1275/mejohnson/>
- [http://www.kernelthread.com/mac/osx/arch\\_boot.html](http://www.kernelthread.com/mac/osx/arch_boot.html)
- <http://developer.apple.com/technotes/tn/tn1061.html>
- <http://openbios.org/docs/index.html>

# Základní příkazy OF

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vypsání device tree: `dev / ls`

vypsání cesty k uzlu, v kterém se nacházíme: `pwd`

vypsání všech properties v uzlu: `.properties`

seznam všech metod implementovaných v uzlu: `words`

vypasání aliasů pro jednotlivá zařízení: `devalias`

přechod do konkrétního uzlu: `dev alias_uzlu`

nabootování: `boot`

```

pavel@whowie:~ - Shell - Konsole
Relace Úpravy Pohled Záložky Nastavení Nápověda

.7G)


Device block size=512, Number of Blocks=78140160 (37.3G)
DeviceType=0x0, DeviceId=0x0

Command (? for help): p

Partition map (with 512 byte blocks) on '/dev/hda'
#:          type name          length  base  ( size
1: Apple_partition_map 'Apple'      63 @ 1
2:  Apple_Bootstrap 'yaboot'     2112 @ 57797168 ( 1.0M
3:  Apple_UNIX_SVR2 'swap'      2123171 @ 57799280 ( 1.0G
4:  Apple_HFS 'Apple_HFS_Untitled_1' 57517552 @ 262208 ( 27.4G
5:  Apple_HFS 'eXternal booter'      17408 @ 57779760 ( 8.5M
6:  Apple_UNIX_SVR2 'untitled'    262144 @ 64 (128.0M
7:  Apple_UNIX_SVR2 'untitled'   18217709 @ 59922451 ( 8.7G

Device block size=512, Number of Blocks=78140160 (37.3G)
DeviceType=0x0, DeviceId=0x0

Command (? for help): █
  
```



<http://penguinppc.org/bootloaders/yaboot/doc/yaboot-howto.shtml>



# HFS

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B\*-strom 4GB,65535,31,3TiB,NO

[http://en.wikipedia.org/wiki/Hierarchical\\_File\\_System](http://en.wikipedia.org/wiki/Hierarchical_File_System)

# HFS+



Relace Úpravy Pohled Zložky Nastavení nápověda

HFS+ Utilities, BUGS

- \* Disk First Aid will hang with some strange behaviour in case the length of a key does not match the length of the string inside the key (I'll try to report this bug to Apple ;-)
- \* HFS+ contains hints for the finder what encoding (Roman, Asiatic, etc. to use. These are not supported. MacOS may react strange on files or folders that are not marked but need such an encoding.
- \* HFS+ contains POSIX permissions which are not used by MacOS <= 9, but probably by MacOS X. None of the HFS+ utils cares for those by now. This should be implemented in some later version.
- \* hpfsck will not complain about files/folders without thread and vice versa. All sorts of strange results will happen when using such a volume.
- \* hpfsck will not complain about records without parent. They will not show up, but are still there. Fixing this is a difficult task.
- \* Error handling ist not always consistent and will need a cleaning once the major goals are reached. You sometimes will get errors without any message (failed: No Error) or errors with wrong explanation (Internal errors that were caught and handled.)
- \* The conversion from and to unicode does not work fully. Files with extended characters are not created correctly and therefore are not found by MacOS. The sorting of files with extended characters will be different from the result of a "normal" sort. (How does kanji work with linux ?).
- \* HFS+ allows any character as name. MacOS does not allow ':' since it is used as folder separator. I dont know what MacOS X allows. With hfsplus the standard unix . and .. is used to

-- mezernikem zobrazíte další stranu --

Šipky: Nahoru/Dolů pro pohyb. Vpravo následuje odkaz; vlevo se vrátí zpět. H>Nápověda Vo)lby P>Tisk G>Jdi M>Hlavní obrazovka /=hledej [delete]=historie

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libhfs (p1 of 5)

the btree is  
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(later on).

Leslie this  
that all  
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returning  
fsp\_error

odkaz; vlevo se vrátí  
obrazovka /=hledej

# Nástroje pro práci s HFS/HFS+

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- <http://penguinppc.org/historical/hfsplus>
- <http://www.ardistech.com/hfsplus>
- <http://www.gnu.org/software/parted>



# Drivers

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- Grafická karta
- Modem
- AirPort extreme
- Bluetooth
- Suspend to RAM

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