Building Linux Kernel Image for KB9202 board

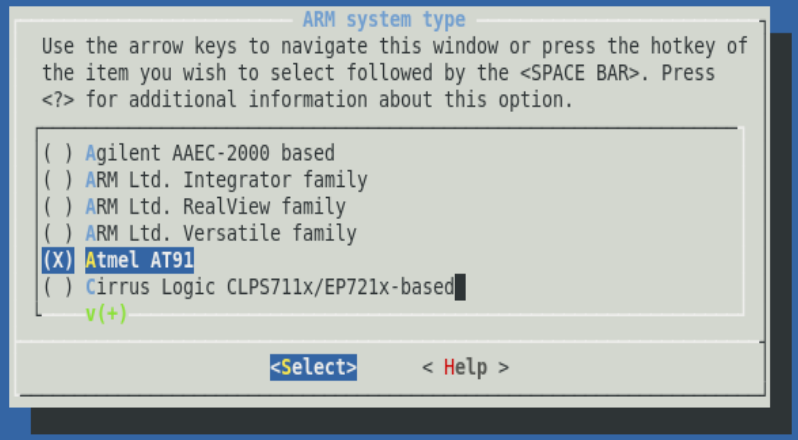
- ✓ Download Linux kernel source from kernel.org
- ✓ Follow, by these below mentioned commands

1. # tar xvf linux-2.6.xx
2. # make ARCH=arm menuconfig

```
                                General setup
the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes f
<?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable


                                ^(-)
                                [*] Automatically append version information to the version string
                                    Kernel compression mode (Gzip)  --->
                                [ ] Support for paging of anonymous memory (swap)
                                [*] System V IPC
                                [*] POSIX Message Queues
                                [*] BSD Process Accounting
                                [ ]   BSD Process Accounting version 3 file format
                                [ ] Export task/process statistics through netlink (EXPERIMENTAL)
                                [*] Auditing support
                                    RCU Subsystem  --->
                                <*> Kernel .config support
                                [*]   Enable access to .config through /proc/config.gz
                                (17) Kernel log buffer size (16 => 64KB, 17 => 128KB)
                                [ ] Control Group support  --->
                                [ ] enable deprecated sysfs features to support old userspace tools
                                [ ] Kernel->user space relay support (formerly relayfs)
                                [ ] Namespaces support (NEW)
                                [*] Initial RAM filesystem and RAM disk (initramfs/initrd) support
                                ()    Initramfs source file(s)
                                [*]   Support initial ramdisks compressed using gzip (NEW)
                                [ ]   Support initial ramdisks compressed using bzip2 (NEW)
                                [ ]   Support initial ramdisks compressed using LZMA (NEW)
                                [ ]   Support initial ramdisks compressed using LZO (NEW)
                                [*] Optimize for size
                                [*] Configure standard kernel features (for small systems)  --->
                                    Kernel Performance Events And Counters  --->
                                [*] Enable VM event counters for /proc/vmstat (NEW)
                                [*] Enable SLUB debugging support (NEW)
                                [*] Disable heap randomization
                                    Choose SLAB allocator (SLUB (Unqueued Allocator))  --->
                                [ ] Profiling support
                                [ ] Kprobes
                                v(+)

                                <Select>    < Exit >    < Help >
```

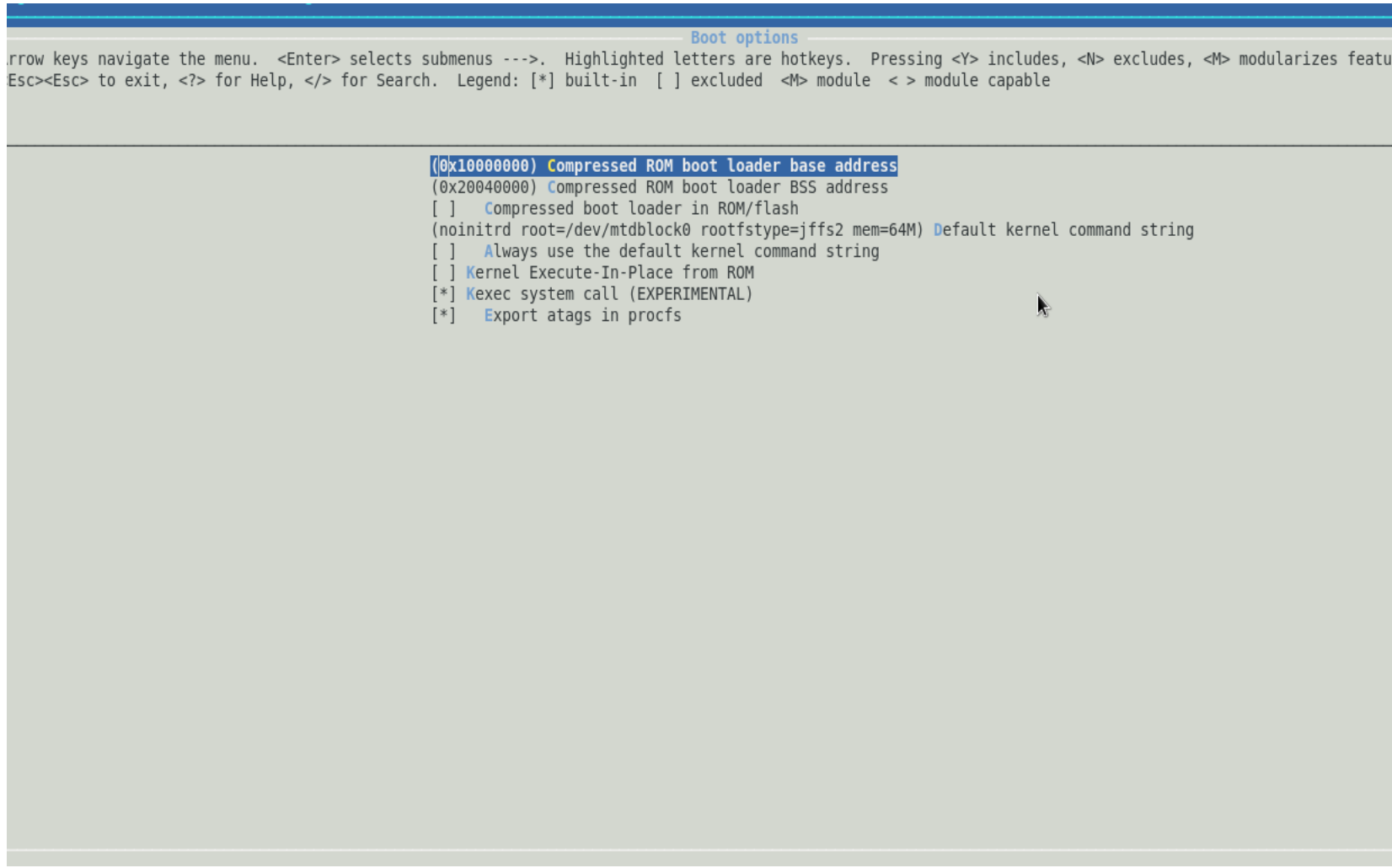
```
Linux Kernel v2.6.35.8 Configuration
──────────────────────────────────────────────────────────────────────────────
                        Enable loadable module support
 keys navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modu
<Esc> to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable
──────────────────────────────────────────────────────────────────────────────
                    -*- Enable loadable module support
                    [ ]   Forced module loading
                    [*]   Module unloading
                    [ ]     Forced module unloading
                    [*]   Module versioning support
                    [*]   Source checksum for all modules
```

```
                                    System Type
rrow keys navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes featu
Esc><Esc> to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable


                [*] MMU-based Paged Memory Management Support
                    ARM system type (Atmel AT91)  --->
                    Atmel AT91 System-on-Chip  --->
                    *** Processor Type ***
                    *** Processor Features ***
                [*] Support Thumb user binaries
                [ ] Disable I-Cache (I-bit)
                [ ] Disable D-Cache (C-bit)
                [ ] Force write through D-cache
```


ARM system type
Use the arrow keys to navigate this window or press the hotkey of the item you wish to select followed by the <SPACE BAR>. Press <?> for additional information about this option.
( ) Agilent AAEC-2000 based
( ) ARM Ltd. Integrator family
( ) ARM Ltd. RealView family
( ) ARM Ltd. Versatile family
(X) Atmel AT91
( ) Cirrus Logic CLPS711x/EP721x-based
v(+)
<Select>
< Help >

```
                                Atmel AT91 System-on-Chip
row keys navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes features.  Pr
sc><Esc> to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable

                    Atmel AT91 Processor (AT91RM9200)  --->
                    *** AT91RM9200 Board Type ***
                [ ] Ajeco 1ARM Single Board Computer
                [ ] Atmel AT91RM9200-DK Development board
                [ ] Atmel AT91RM9200-EK Evaluation Kit
                [ ] Cogent CSB337
                [ ] Cogent CSB637
                [ ] Conitec ARM&EVA
                [ ] Embest ATEB9200
                [*] KwikByte KB920x
                [ ] picotux 200
                [ ] Sperry-Sun KAFA board
                [ ] emQbit ECB_AT91 SBC
                [ ] ucDragon YL-9200
                [ ] Eukrea CPUAT91
                [ ] eco920
                    *** AT91 Board Options ***
                    *** AT91 Feature Selections ***
                [*] Programmable Clocks
                (128) Kernel HZ (jiffies per second)
                    Select a UART for early kernel messages (DBGU)  --->
```

```
nfig - Linux Kernel v2.6.35.8 Configuration
                                  Kernel Features
Arrow keys navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes features
<Esc><Esc> to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable

                    [*] Tickless System (Dynamic Ticks)
                    [*] High Resolution Timer Support
                        Memory split (3G/1G user/kernel split)  --->
                        Preemption Model (Preemptible Kernel (Low-Latency Desktop))  --->
                    [*] Use the ARM EABI to compile the kernel
                    [*]   Allow old ABI binaries to run with this kernel (EXPERIMENTAL)
                    [ ] High Memory Support (EXPERIMENTAL)
                        Memory model (Flat Memory)  --->
                    [ ] Enable KSM for page merging
                    (4096) Low address space to protect from user allocation
                    [ ] Timer and CPU usage LEDs
                    [ ] Use kernel mem{cpy,set}() for {copy_to,clear}_user() (EXPERIMENTAL)
```


Boot options
rrow keys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Pres
Esc><Esc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
(0x10000000) Compressed ROM boot loader base address
(0x20040000) Compressed ROM boot loader BSS address
[ ] Compressed boot loader in ROM/flash
(noinitrd root=/dev/mtdblock0 rootfstype=jffs2 mem=64M) Default kernel command string
[ ] Always use the default kernel command string
[ ] Kernel Execute-In-Place from ROM
[*] Kexec system call (EXPERIMENTAL)
[*] Export atags in procfs

Floating point emulation

Arrow keys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. <Esc><Esc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable

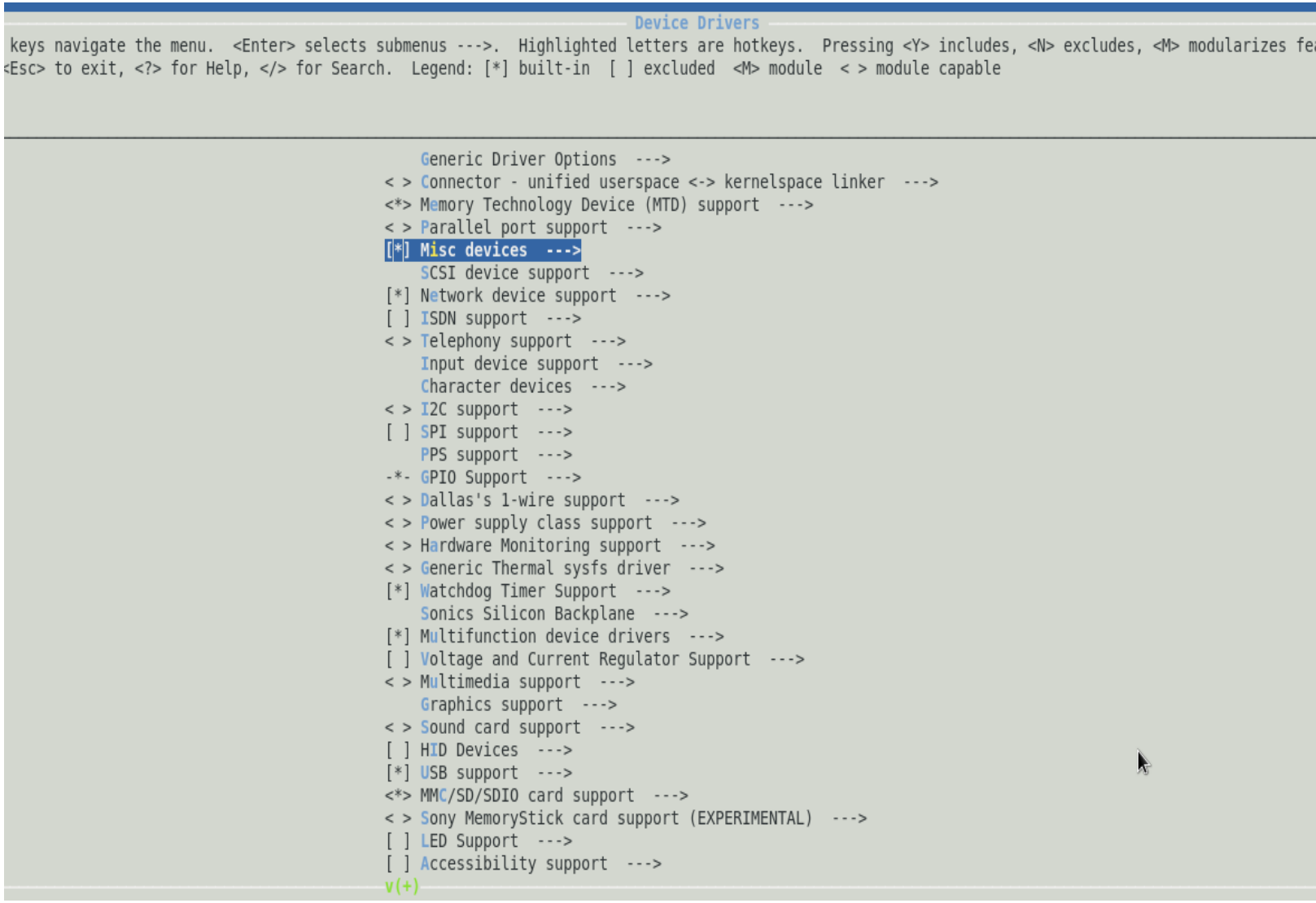
*** At least one emulation must be selected ***
[*] NWFPE math emulation
[ ] Support extended precision
[ ] FastFPE math emulation (EXPERIMENTAL)

```
                                Device Drivers
w keys navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes features.  Pres
><Esc> to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable


                                    Generic Driver Options  --->
                                < > Connector - unified userspace <-> kernelspace linker  --->
                                <*> Memory Technology Device (MTD) support  --->
                                < > Parallel port support  --->
                                [*] Misc devices  --->
                                    SCSI device support  --->
                                [*] Network device support  --->
                                [ ] ISDN support  --->
                                < > Telephony support  --->
                                    Input device support  --->
                                    Character devices  --->
                                < > I2C support  --->
                                [ ] SPI support  --->
                                    PPS support  --->
                                -*- GPIO Support  --->
                                < > Dallas's 1-wire support  --->
                                < > Power supply class support  --->
                                < > Hardware Monitoring support  --->
                                < > Generic Thermal sysfs driver  --->
                                [*] Watchdog Timer Support  --->
                                    Sonics Silicon Backplane  --->
                                [*] Multifunction device drivers  --->
                                [ ] Voltage and Current Regulator Support  --->
                                < > Multimedia support  --->
                                    Graphics support  --->
                                < > Sound card support  --->
                                [ ] HID Devices  --->
                                [*] USB support  --->
                                <*> MMC/SD/SDIO card support  --->
                                < > Sony MemoryStick card support (EXPERIMENTAL)  --->
                                [ ] LED Support  --->
                                [ ] Accessibility support  --->
                                v(+)
```

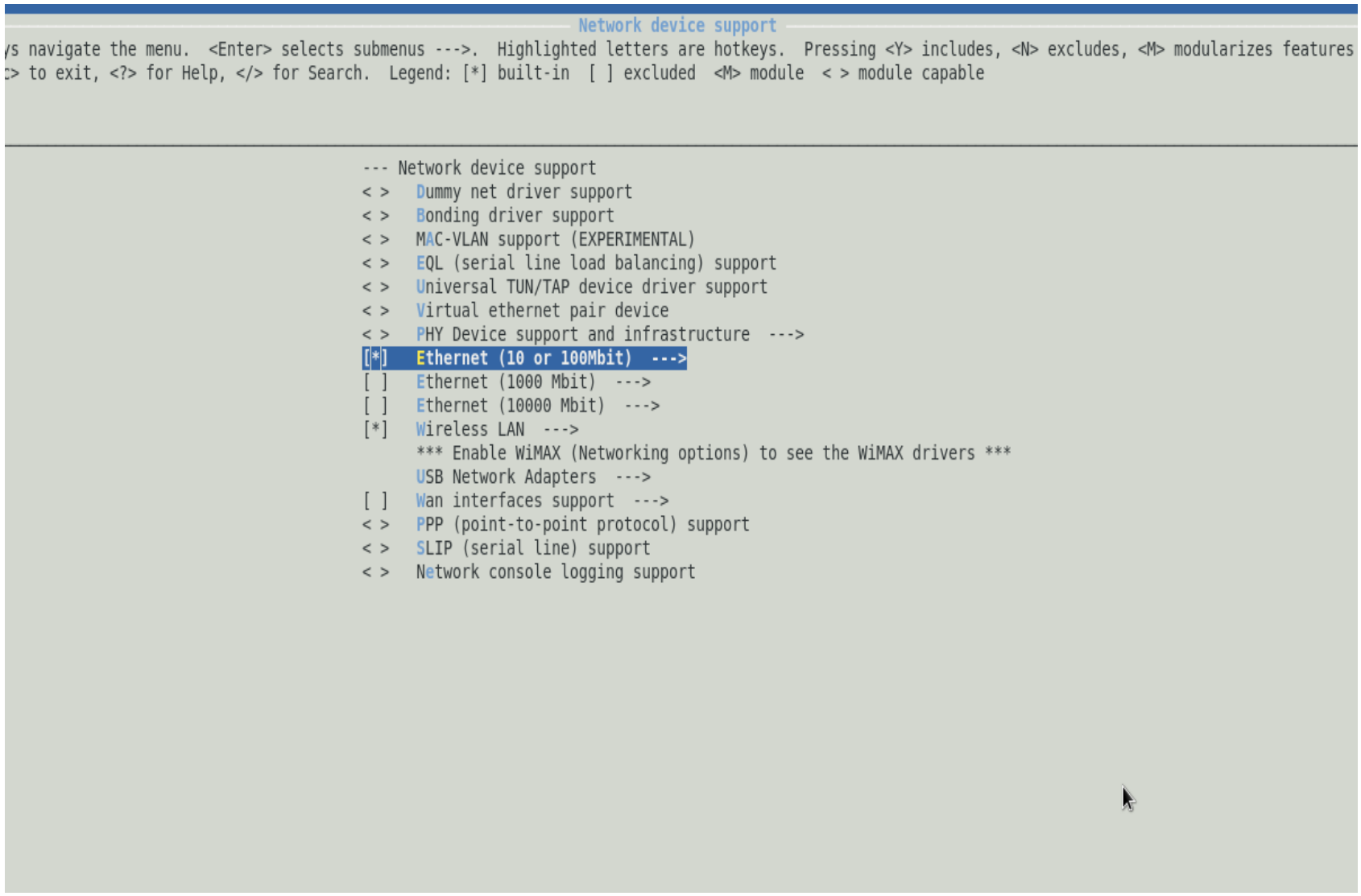
NAND Device Support

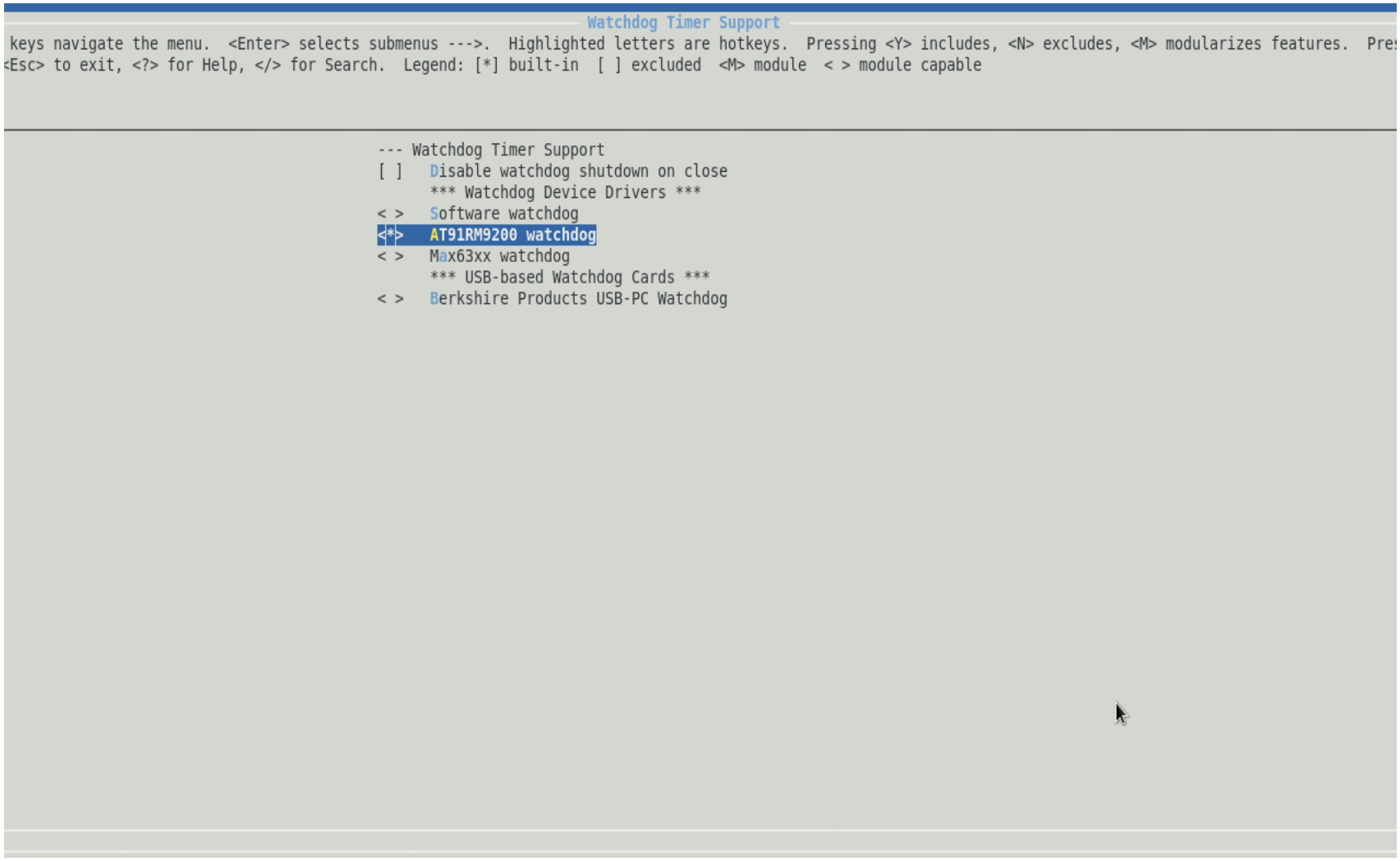
w keys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Press
><Esc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable

```
--- NAND Device Support
[ ]   Verify NAND page writes
[ ]   Enable chip ids for obsolete ancient NAND devices
(0xFF108018) Denali NAND size scratch register address
< >   GPIO NAND Flash driver
< >   DiskOnChip 2000, Millennium and Millennium Plus (NAND reimplementation) (EXPERIMENTAL)
<*>   Support for NAND Flash / SmartMedia on AT91 and AVR32
        ECC management for NAND Flash / SmartMedia on AT91 / AVR32 (Software ECC)  --->
< >   Support for NAND Flash Simulator
< >   Support for generic platform NAND driver
< >   MTD driver for Olympus MAUSB-10 and Fujifilm DPC-R1
```

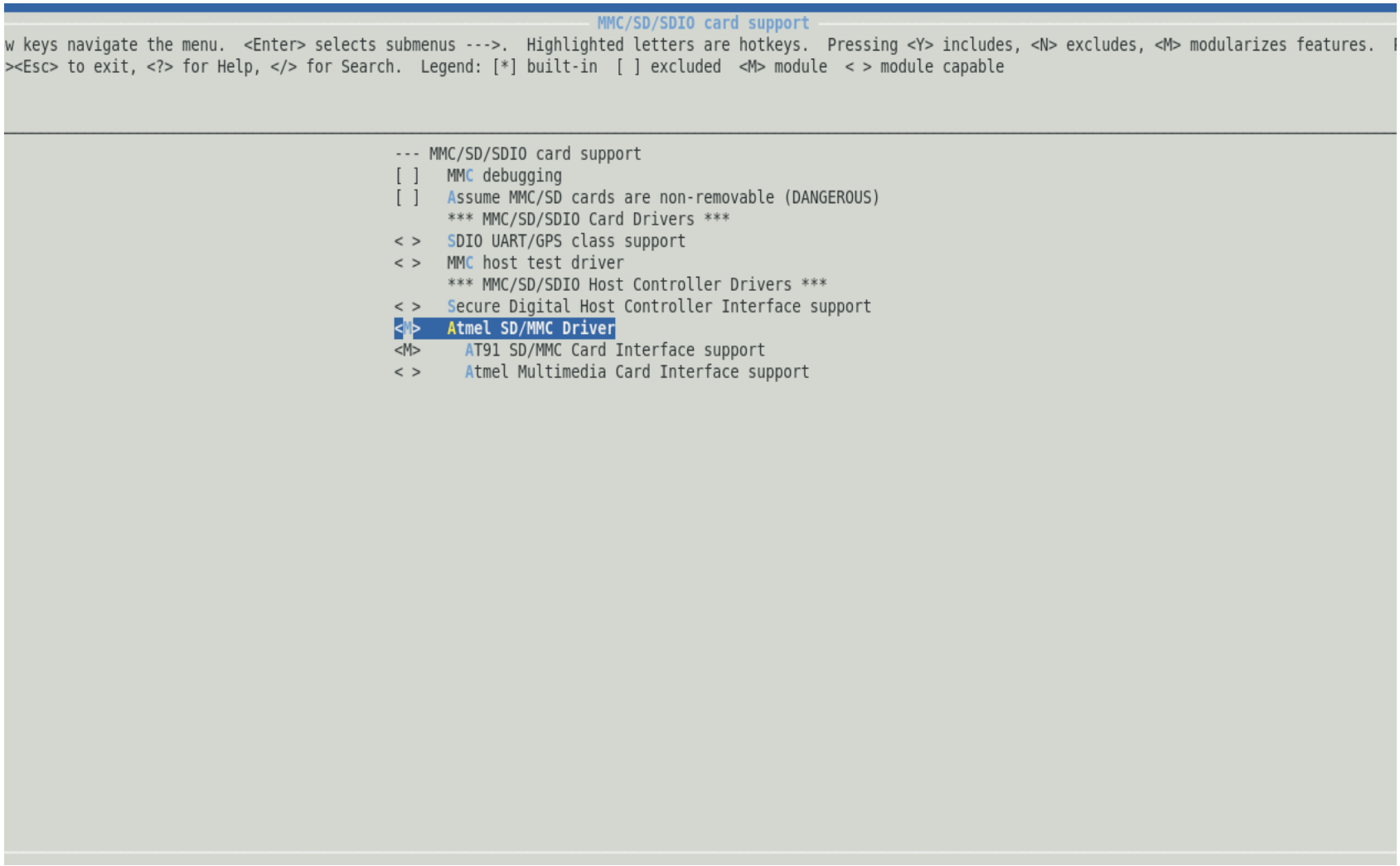

Device Drivers
keys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features.
<Esc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
Generic Driver Options --->
< > Connector - unified userspace <-> kernelspace linker --->
<*> Memory Technology Device (MTD) support --->
< > Parallel port support --->
[*] Misc devices --->
SCSI device support --->
[*] Network device support --->
[ ] ISDN support --->
< > Telephony support --->
Input device support --->
Character devices --->
< > I2C support --->
[ ] SPI support --->
PPS support --->
-*- GPIO Support --->
< > Dallas's 1-wire support --->
< > Power supply class support --->
< > Hardware Monitoring support --->
< > Generic Thermal sysfs driver --->
[*] Watchdog Timer Support --->
Sonics Silicon Backplane --->
[*] Multifunction device drivers --->
[ ] Voltage and Current Regulator Support --->
< > Multimedia support --->
Graphics support --->
< > Sound card support --->
[ ] HID Devices --->
[*] USB support --->
<*> MMC/SD/SDIO card support --->
< > Sony MemoryStick card support (EXPERIMENTAL) --->
[ ] LED Support --->
[ ] Accessibility support --->
v(+)

```
                                  Misc devices
w keys navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes features.  P
><Esc> to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable


                                --- Misc devices
                                [*]   Atmel AT32/AT91 Timer/Counter Library
                                [*]     TC Block Clocksource
                                (0)       TC Block
                                <*>   Device driver for Atmel SSC peripheral
                                < >   Enclosure Services
                                < >   Silicon Labs C2 port support (EXPERIMENTAL)  --->
                                      EEPROM support  --->
                                < >   Intel Wireless MultiCom Top Driver
```

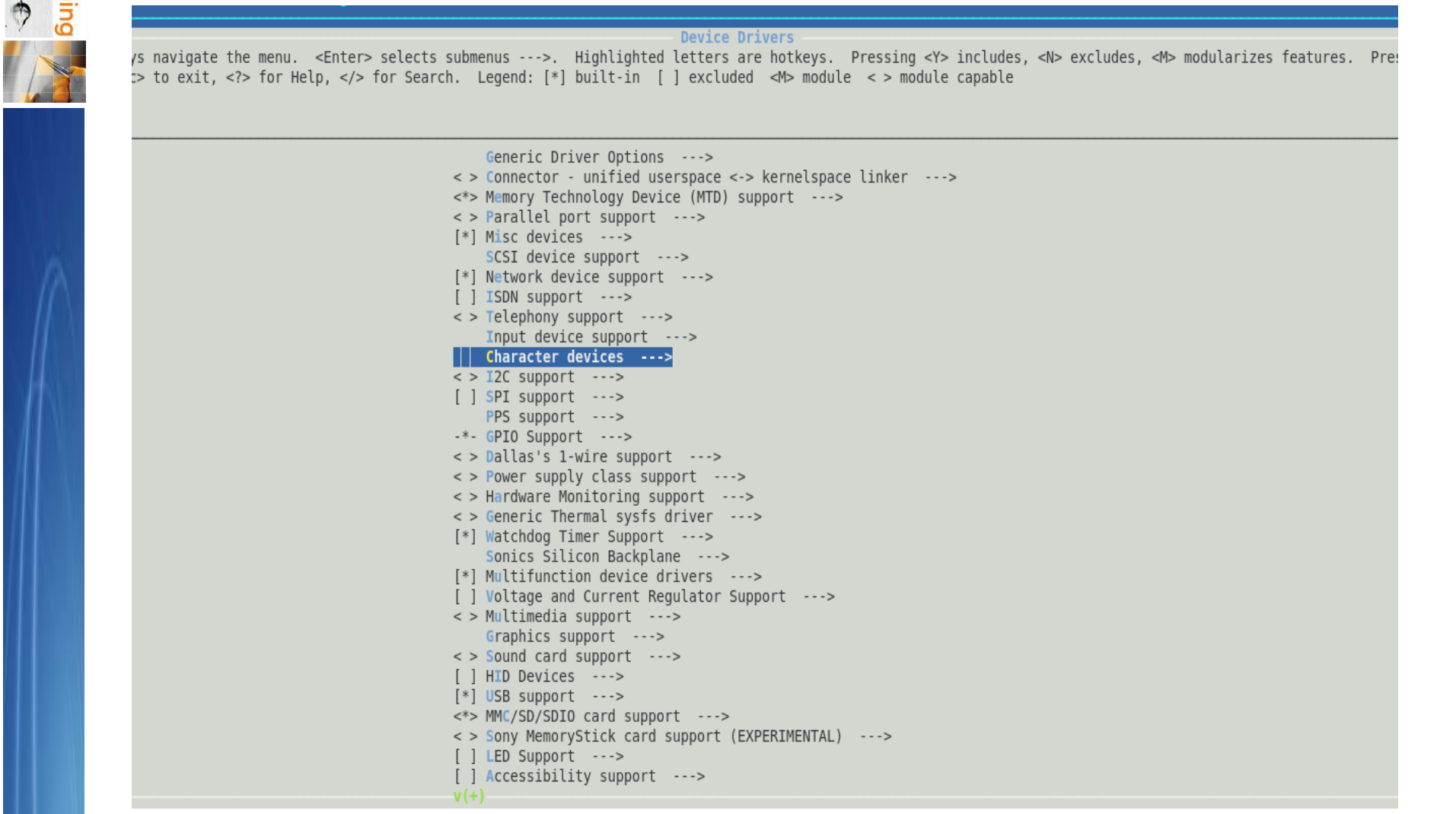

Network device support
ys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features
c> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
--- Network device support
< > Dummy net driver support
< > Bonding driver support
< > MAC-VLAN support (EXPERIMENTAL)
< > EQL (serial line load balancing) support
< > Universal TUN/TAP device driver support
< > Virtual ethernet pair device
< > PHY Device support and infrastructure --->
[*] Ethernet (10 or 100Mbit) --->
[ ] Ethernet (1000 Mbit) --->
[ ] Ethernet (10000 Mbit) --->
[*] Wireless LAN --->
*** Enable WiMAX (Networking options) to see the WiMAX drivers ***
USB Network Adapters --->
[ ] Wan interfaces support --->
< > PPP (point-to-point protocol) support
< > SLIP (serial line) support
< > Network console logging support

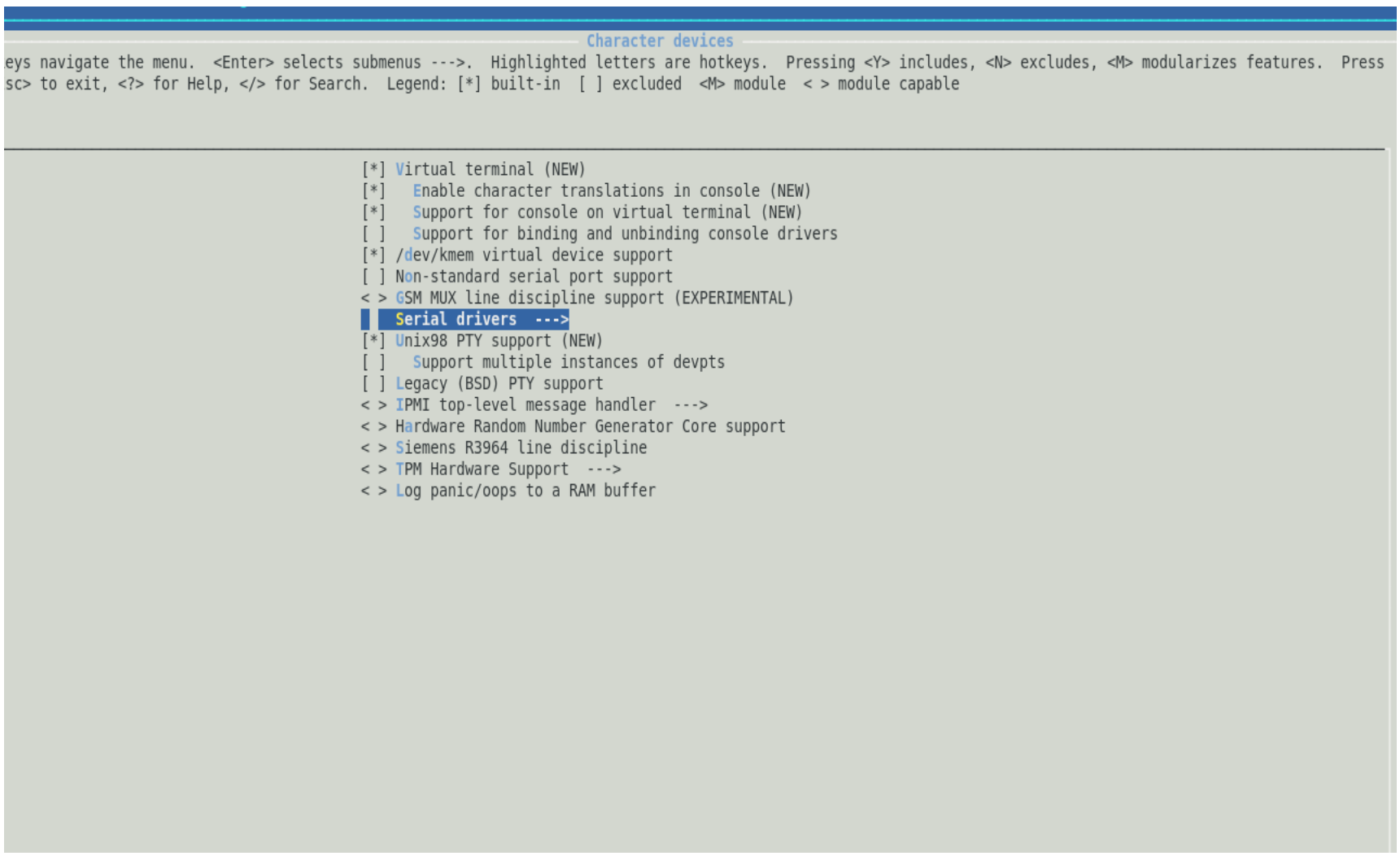

Watchdog Timer Support
keys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Pres
<Esc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
--- Watchdog Timer Support
[ ] Disable watchdog shutdown on close
*** Watchdog Device Drivers ***
< > Software watchdog
<*> AT91RM9200 watchdog
< > Max63xx watchdog
*** USB-based Watchdog Cards ***
< > Berkshire Products USB-PC Watchdog

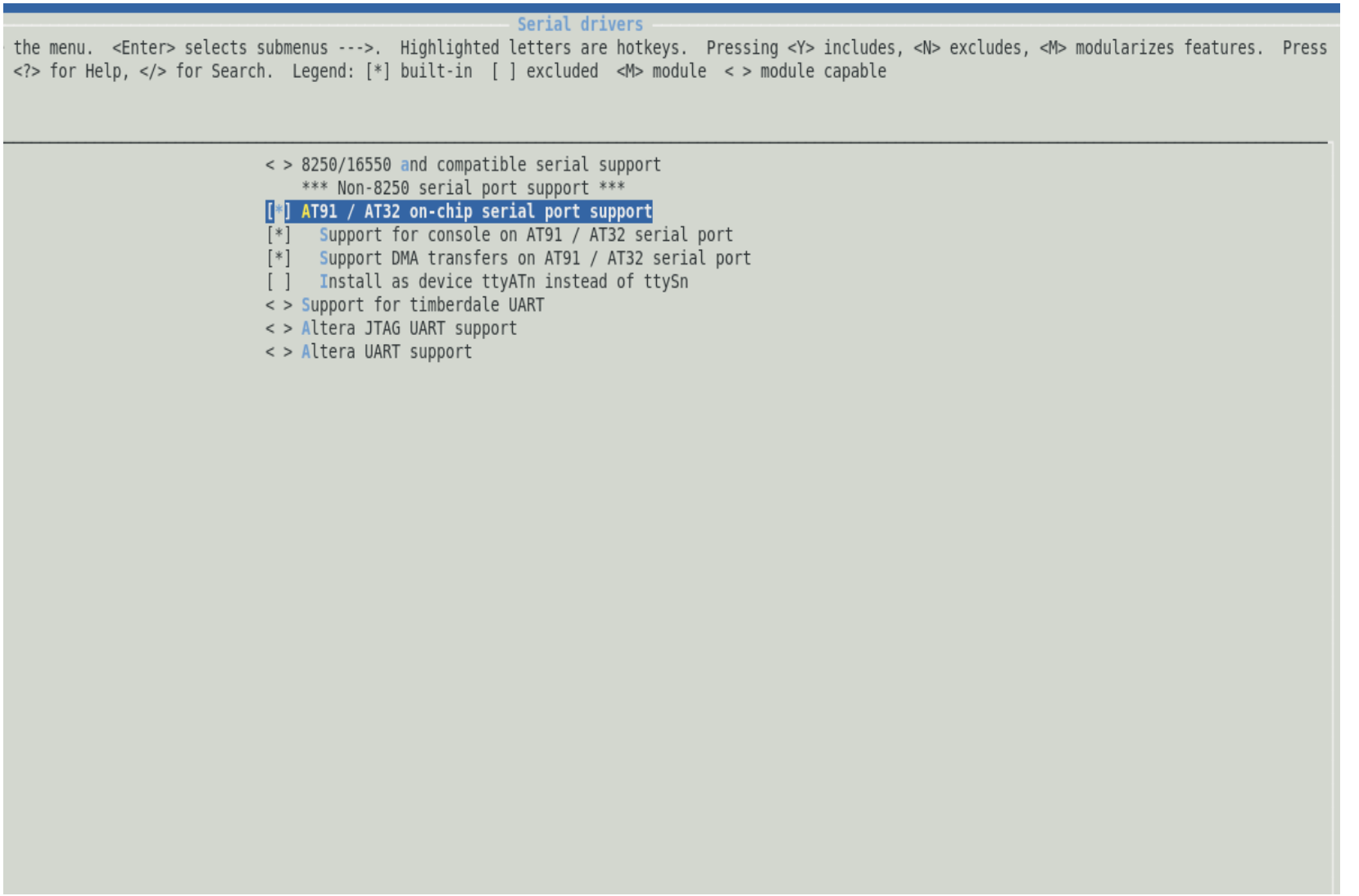
```
                                USB support
navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes features.  Pr
to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable


                        --- USB support
                        <*>   Support for Host-side USB
                        [ ]     USB verbose debug messages
                        [ ]     USB announce new devices
                                *** Miscellaneous USB options ***
                        [*]     USB device filesystem (DEPRECATED)
                        [*]     USB device class-devices (DEPRECATED)
                        [ ]     Dynamic USB minor allocation
                        < >     USB Monitor
                        < >     Enable Wireless USB extensions (EXPERIMENTAL)
                        < >     Support WUSB Cable Based Association (CBA)
                                *** USB Host Controller Drivers ***
                        < >     Cypress C67x00 HCD support
                        < >     OXU210HP HCD support
                        < >     ISP116X HCD support
                        < >     ISP 1760 HCD support
                        < >     ISP1362 HCD support
                        <*>     OHCI HCD support
                        < >     SL811HS HCD support
                        < >     R8A66597 HCD support
                        < >     Host Wire Adapter (HWA) driver (EXPERIMENTAL)
                        < >   Inventra Highspeed Dual Role Controller (TI, ADI, ...)
                              *** USB Device Class drivers ***
                        < >   USB Modem (CDC ACM) support
                        < >   USB Printer support
                        < >   USB Wireless Device Management support
                        < >   USB Test and Measurement Class support
                              *** NOTE: USB_STORAGE depends on SCSI but BLK_DEV_SD may ***
                              *** also be needed; see USB_STORAGE Help for more info ***
                        [*]   The shared table of common (or usual) storage devices
                              *** USB Imaging devices ***
                        < >   USB Mustek MDC800 Digital Camera support
                        v(+)
```

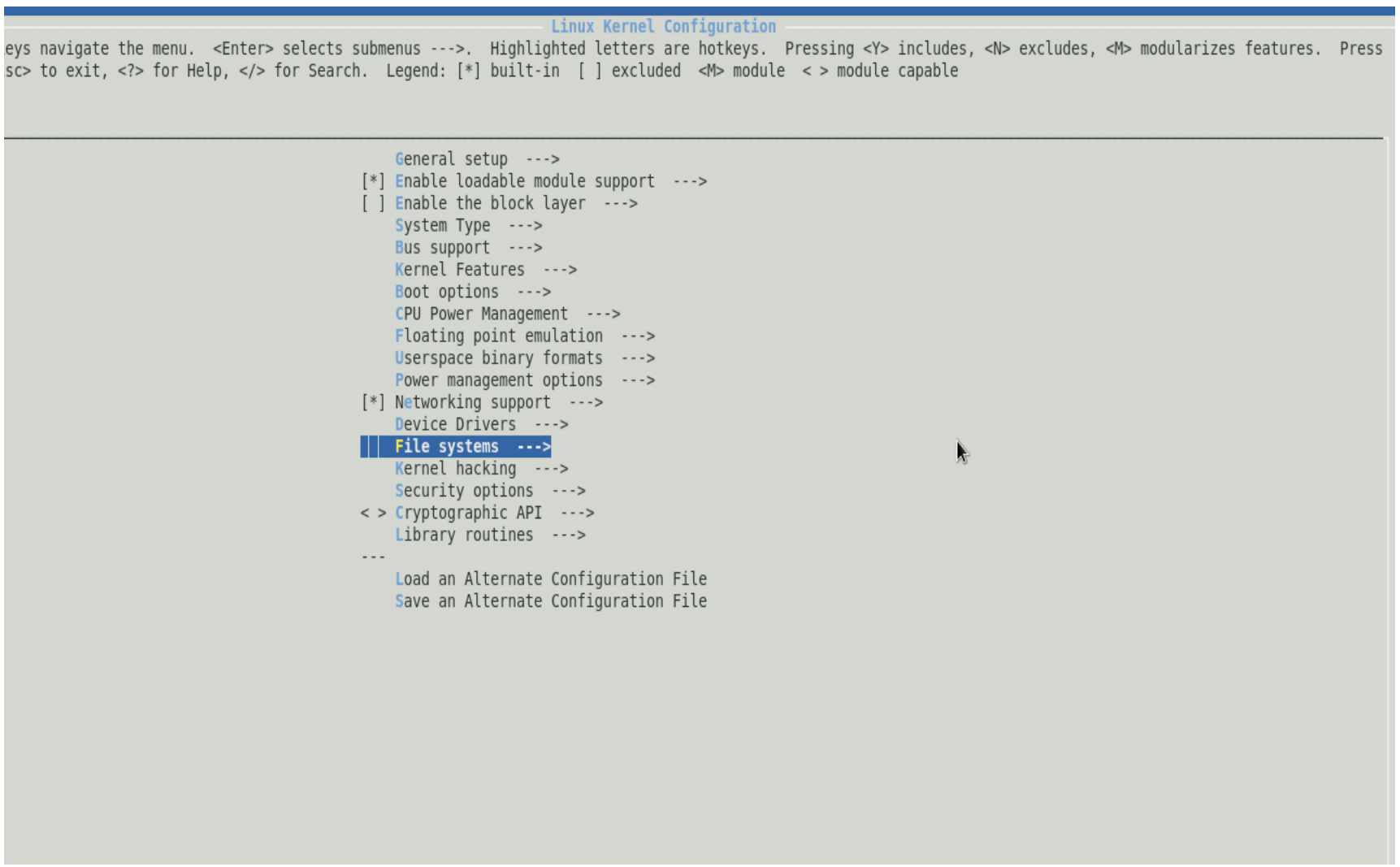

MMC/SD/SDIO card support
w keys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features.
><Esc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
--- MMC/SD/SDIO card support
[ ] MMC debugging
[ ] Assume MMC/SD cards are non-removable (DANGEROUS)
*** MMC/SD/SDIO Card Drivers ***
< > SDIO UART/GPS class support
< > MMC host test driver
*** MMC/SD/SDIO Host Controller Drivers ***
< > Secure Digital Host Controller Interface support
<M> Atmel SD/MMC Driver
<M> AT91 SD/MMC Card Interface support
< > Atmel Multimedia Card Interface support

```
                                  Real Time Clock
 keys navigate the menu.  <Enter> selects submenus --->.  Highlighted letters are hotkeys.  Pressing <Y> includes, <N> excludes, <M> modularizes feat
<Esc> to exit, <?> for Help, </> for Search.  Legend: [*] built-in  [ ] excluded  <M> module  < > module capable


                                --- Real Time Clock
                                [*]   Set system time from RTC on startup and resume
                                (rtc0)  RTC used to set the system time
                                [ ]   RTC debug support
                                      *** RTC interfaces ***
                                [*]   /sys/class/rtc/rtcN (sysfs)
                                [*]   /proc/driver/rtc (procfs for rtc0)
                                [*]   /dev/rtcN (character devices)
                                [ ]     RTC UIE emulation on dev interface
                                < >   Test driver/device
                                      *** SPI RTC drivers ***
                                      *** Platform RTC drivers ***
                                < >   PC-style 'CMOS'
                                < >   Dallas DS1286
                                < >   Dallas DS1511
                                < >   Maxim/Dallas DS1553
                                < >   Maxim/Dallas DS1742/1743
                                < >   Simtek STK17TA8
                                < >   ST M48T86/Dallas DS12887
                                < >   ST M48T35
                                < >   ST M48T59/M48T08/M48T02
                                < >   Oki MSM6242
                                < >   TI BQ4802
                                < >   Ricoh RP5C01
                                < >   EM Microelectronic V3020
                                      *** on-CPU RTC drivers ***
                                <*>   AT91RM9200 or AT91SAM9RL
```

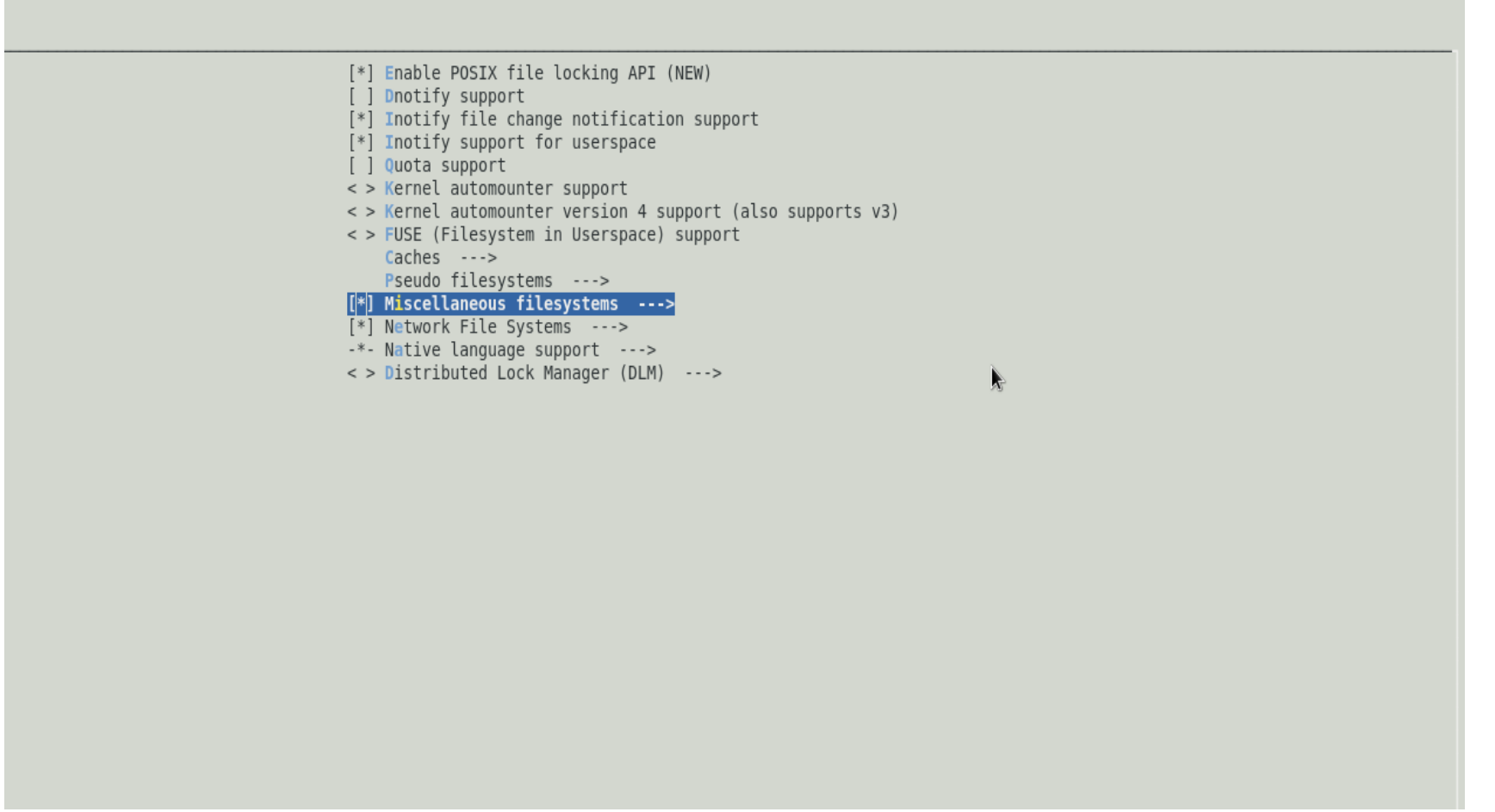

Device Drivers
ys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Pres
c> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
Generic Driver Options --->
< > Connector - unified userspace <-> kernelspace linker --->
<*> Memory Technology Device (MTD) support --->
< > Parallel port support --->
[*] Misc devices --->
SCSI device support --->
[*] Network device support --->
[ ] ISDN support --->
< > Telephony support --->
Input device support --->
Character devices --->
< > I2C support --->
[ ] SPI support --->
PPS support --->
-*- GPIO Support --->
< > Dallas's 1-wire support --->
< > Power supply class support --->
< > Hardware Monitoring support --->
< > Generic Thermal sysfs driver --->
[*] Watchdog Timer Support --->
Sonics Silicon Backplane --->
[*] Multifunction device drivers --->
[ ] Voltage and Current Regulator Support --->
< > Multimedia support --->
Graphics support --->
< > Sound card support --->
[ ] HID Devices --->
[*] USB support --->
<*> MMC/SD/SDIO card support --->
< > Sony MemoryStick card support (EXPERIMENTAL) --->
[ ] LED Support --->
[ ] Accessibility support --->
v(+)

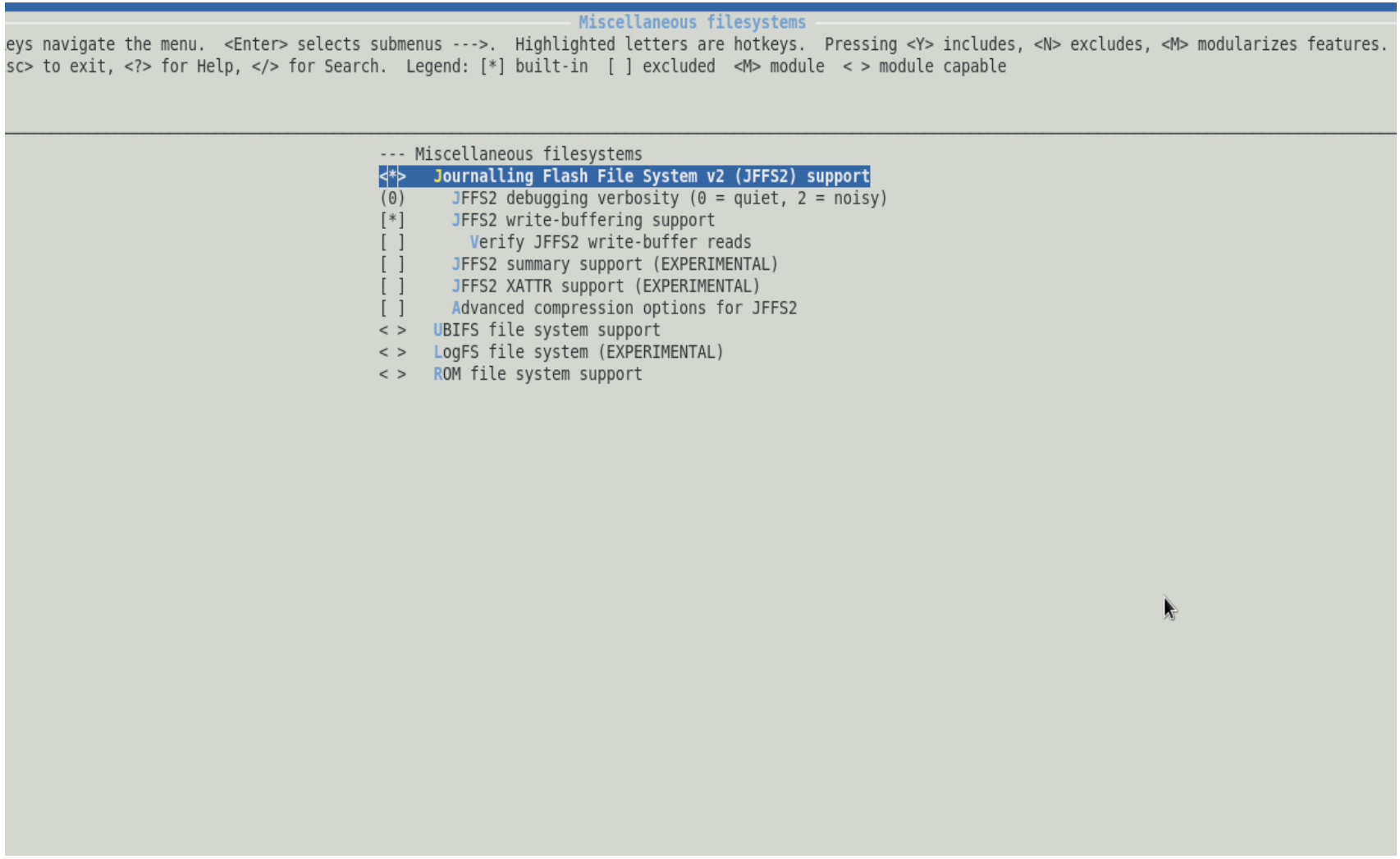

Character devices
eys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Press
sc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
[*] Virtual terminal (NEW)
[*] Enable character translations in console (NEW)
[*] Support for console on virtual terminal (NEW)
[ ] Support for binding and unbinding console drivers
[*] /dev/kmem virtual device support
[ ] Non-standard serial port support
< > GSM MUX line discipline support (EXPERIMENTAL)
Serial drivers --->
[*] Unix98 PTY support (NEW)
[ ] Support multiple instances of devpts
[ ] Legacy (BSD) PTY support
< > IPMI top-level message handler --->
< > Hardware Random Number Generator Core support
< > Siemens R3964 line discipline
< > TPM Hardware Support --->
< > Log panic/oops to a RAM buffer


Serial drivers
the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Press
<?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
< > 8250/16550 and compatible serial support
*** Non-8250 serial port support ***
[*] AT91 / AT32 on-chip serial port support
[*] Support for console on AT91 / AT32 serial port
[*] Support DMA transfers on AT91 / AT32 serial port
[ ] Install as device ttyATn instead of ttySn
< > Support for timberdale UART
< > Altera JTAG UART support
< > Altera UART support


Linux Kernel Configuration
eys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Press
sc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
General setup --->
[*] Enable loadable module support --->
[ ] Enable the block layer --->
System Type --->
Bus support --->
Kernel Features --->
Boot options --->
CPU Power Management --->
Floating point emulation --->
Userspace binary formats --->
Power management options --->
[*] Networking support --->
Device Drivers --->
File systems --->
Kernel hacking --->
Security options --->
< > Cryptographic API --->
Library routines --->

Load an Alternate Configuration File
Save an Alternate Configuration File


File systems
navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Press
to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
[*] Enable POSIX file locking API (NEW)
[ ] Dnotify support
[*] Inotify file change notification support
[*] Inotify support for userspace
[ ] Quota support
< > Kernel automounter support
< > Kernel automounter version 4 support (also supports v3)
< > FUSE (Filesystem in Userspace) support
Caches --->
Pseudo filesystems --->
[*] Miscellaneous filesystems --->
[*] Network File Systems --->
-*- Native language support --->
< > Distributed Lock Manager (DLM) --->


Miscellaneous filesystems
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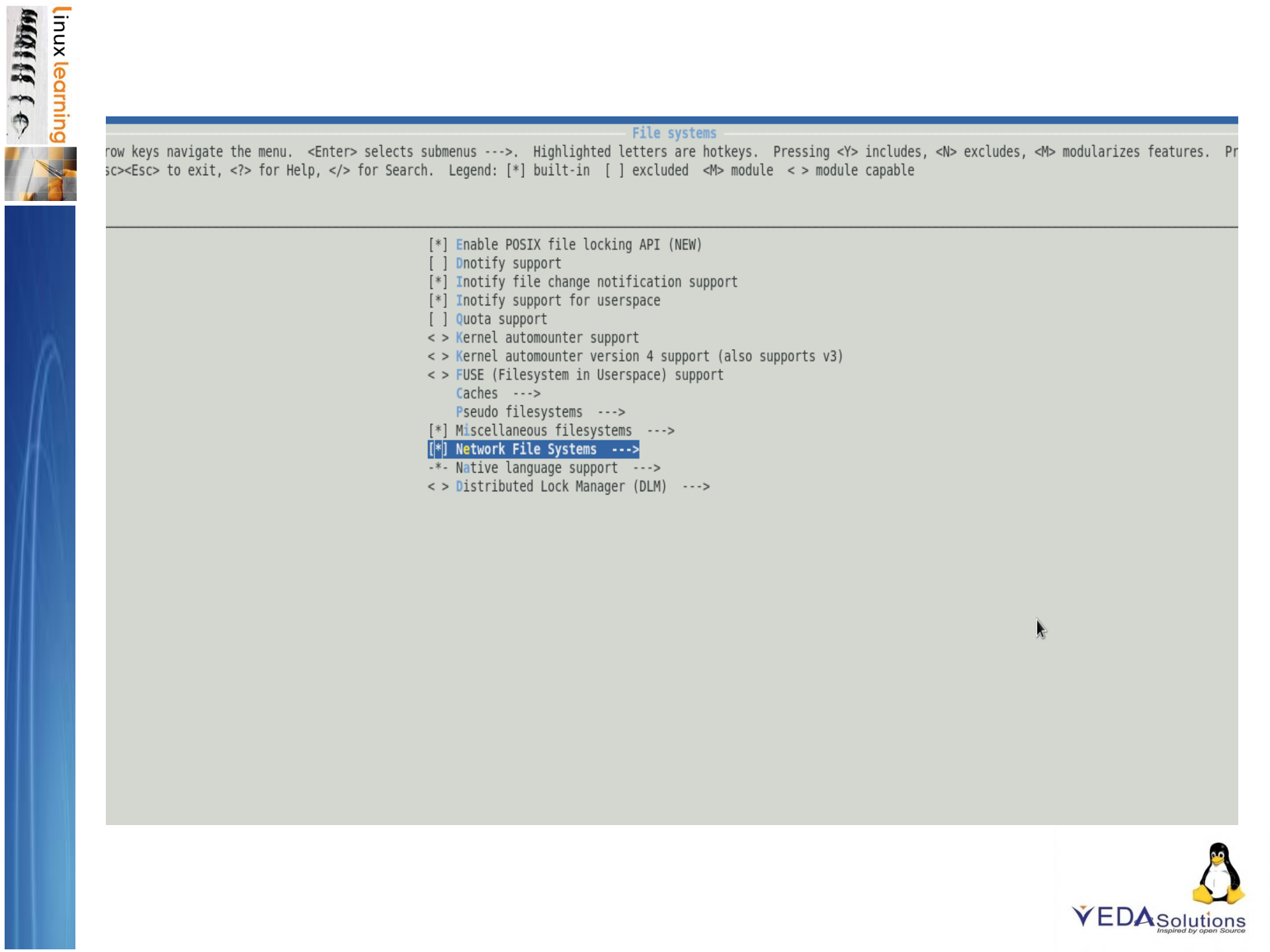
sc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable
--- Miscellaneous filesystems
<*> Journalling Flash File System v2 (JFFS2) support
(0) JFFS2 debugging verbosity (0 = quiet, 2 = noisy)
[*] JFFS2 write-buffering support
[ ] Verify JFFS2 write-buffer reads
[ ] JFFS2 summary support (EXPERIMENTAL)
[ ] JFFS2 XATTR support (EXPERIMENTAL)
[ ] Advanced compression options for JFFS2
< > UBIFS file system support
< > LogFS file system (EXPERIMENTAL)
< > ROM file system support


File systems
row keys navigate the menu. <Enter> selects submenus --->. Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> modularizes features. Pr
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Network File Systems

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><Esc> to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable

```
--- Network File Systems
<*>   NFS client support
[*]     NFS client support for NFS version 3
[ ]       NFS client support for the NFSv3 ACL protocol extension
[ ]     NFS client support for NFS version 4 (EXPERIMENTAL)
[*]     Root file system on NFS
< >   NFS server support
< >   Secure RPC: Kerberos V mechanism (EXPERIMENTAL)
< >   Secure RPC: SPKM3 mechanism (EXPERIMENTAL)
< >   SMB file system support (OBSOLETE, please use CIFS)
< >   Ceph distributed file system (EXPERIMENTAL)
< >   CIFS support (advanced network filesystem, SMBFS successor)
< >   NCP file system support (to mount NetWare volumes)
< >   Coda file system support (advanced network fs)
< >   Andrew File System support (AFS) (EXPERIMENTAL)
```

make ARCH=arm CROSS_COMPILE=$(CROSSTOOL_PATH)

Post execution of the above cmd., kernel image gets created under $(LINUX_SRC)/arch/arm/boot directory

Add 64 byte uboot header to kernel image

mkimage

-A arm

-O linux

-T kernel

-C none

-a 0x20008000

-e 0x20008000

-n "Modified Kernel 30"

-d arch/arm/boot/Image uImage

Thank you