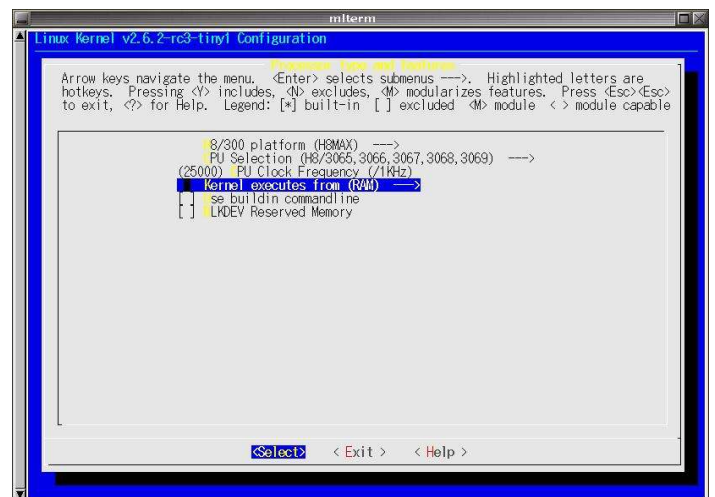
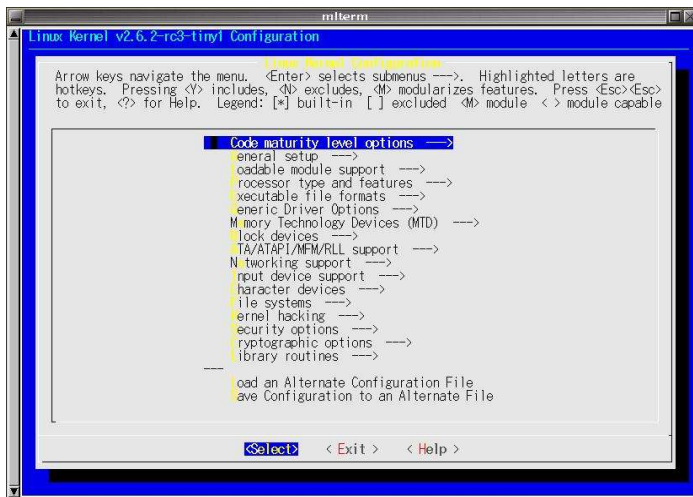


# uClinux H8/300

Linux-2.6 を H8/300 シリーズ CPU  
(ルネサステクノロジ) へ移植。

移植の成果は標準カーネルに取り込まれており、  
対応アーキテクチャの一つになっています。

CPU 内蔵 I/O 以外にも Ethernet や IDE に対応。  
ネットワークへの接続や、大容量のストレージを  
接続することもできます。



CPU



Now booting linux kernel:  
Entry Address 0x00400000  
Cmdline : console=ttySC1,38400 root=03:01  
Linux version 2.6.2-rc3-tiny1 (ysato@mitou) (gcc バージョン 3.3.2) #114 Tue Feb 17 22:04:03 JST 2004

uClinux H8/300H  
Target Hardware: H8MAX  
Flat model support (C) 1998,1999 Kenneth Albanowski, D. Jeff Dionne  
H8/300 series support by Yoshinori Sato <ysato@users.sourceforge.jp>  
On node 0 totalpages: 1536  
DMA zone: 0 pages, LIFO batch:1  
Normal zone: 1536 pages, LIFO batch:1  
HighMem zone: 0 pages, LIFO batch:1  
Building zonelist for node : 0  
Kernel command line: console=ttySC1,38400 root=03:01  
virtual vector at 0x00fffd20  
PID hash table entries: 16 (order 4: 128 bytes)  
Memory available: 948k/1049k RAM, 0k/0k ROM (879k kernel code, 118k data)  
Calibrating delay loop... 8.21 BogoMIPS  
Dentry cache hash table entries: 1024 (order: 0, 4096 bytes)  
Inode-cache hash table entries: 1024 (order: 0, 4096 bytes)  
Mount-cache hash table entries: 512 (order: 0, 4096 bytes)  
POSIX conformance testing by UNIFIX  
SuperH SCL(F) driver initialized  
ttySC0 at 0x00ffffb0 is a SCL  
ttySC1 at 0x00ffffb8 is a SCL  
ttySC2 at 0x00ffffc0 is a SCL  
ne.c:v1.10 9/23/94 Donald Becker (becker@scyld.com)  
Last modified Nov 1, 2000 by Paul Gortmaker  
NE\*000 ethercard probe at 0x800600: 00 02 cb 01 6c 5a  
eth0: NE2000 found at 0x800600, using IRQ 16.  
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2  
ide: Assuming 50MHz system bus speed for PIO modes; override with idebus=xx  
hda: Hitachi ATA 6.0, CFA DISK drive  
Using noop io scheduler  
ide0 at 0x200000-0x20000f,0x60000c on irq 17  
hda: max request size: 128KiB  
hda: 250368 sectors (128 MB) w/1KiB Cache, CHS=978/8/32  
hda: hda1  
NET: Registered protocol family 2  
inet\_init: Cannot add UDP protocol  
IP: routing cache hash table of 512 buckets, 4Kbytes  
TCP: Hash tables configured (established 512 bind 1024)  
hda: hda1  
VFS: Mounted root (ext2 filesystem) readonly.  
Freeing unused kernel memory: 44k freed (0x4e6000 - 0x4f0000)  
Shell invoked to run file: /etc/rc  
Command: hostname H8MAX  
Command: mount -t proc proc /proc  
Command: mount -o remount,rw /dev/hda1 /  
Command: ifconfig eth0 192.168.16.133  
Command: cat /etc/motd  
Welcome to



strawberry-linux.com/H8MAX port.  
For further information check:  
<http://www.uclinux.org/>

Execution Finished, Exiting

Sash command shell (version 1.1.1)  
> ls  
vmlinux.bin    htdocs    linux.bin    var    usr  
tmp    sbin    proc    mnt    lib  
home    etc    dev    bin    lost+found  
> free  
MemTotal:    1016 kB  
MemFree:    404 kB  
Buffers:    40 kB  
> ps  
PID PORT STAT    SIZE SHARED %CPU COMMAND  
1       S    71K    0K   0.0 /sbin/init  
2       S    0K    0K   0.0 ksoftirqd/0  
3       S    0K    0K   0.0 events/0  
4       S    0K    0K   0.0 kblockd/0  
5       S    0K    0K   0.0 pdflush  
6       S    0K    0K   0.0 pdflush  
7       S    0K    0K   0.0 kswapd0  
14    R   135K   0K   0.0 /bin/sh  
> mount  
rootfs on / type rootfs (rw)  
/dev/hda1 on / type ext2 (rw)  
/proc on /proc type proc (rw)  
> mount -o remount,ro /dev/hda1 /  
> shutdown -h now  
System halted.