

N8x0 support in linux-omap

Debug interfaces

Subsystems' status

Debugging in qemu

Need CONFIG_DEBUG_INFO=y in kernel configuration for the following to work.

Magic numbers:

- 0x80000000 - here the kernel is loaded
- 0x80008000 - here we jump after it's been decompressed
- 0x80027000 - 'arm-linux-gnu-objdump -x vmlinux' says that .text starts here (if .text.head is at 0x80008000)

Script for gdb session:

```
target remote 127.0.0.1:1234
break *0x80008000
add-symbol-file ~/ws/osll/omap/20090610/linux-omap-2.6/vmlinux 0x80027000 -s
.text.head 0x80008000
```

Debugging on real HW

From:

<http://wiki.osll.ru/> - Open Source & Linux Lab

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<http://wiki.osll.ru/doku.php/etc:users:jcmvbkbc:omap-support-pieces?rev=1246301324>

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