

[SLE] Compiling User Mode Linux kernel

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2003-10/3732.html>

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Date: 10/31/03

Date: Fri, 31 Oct 2003 10:31:00 -0600
To: suse-linux-e@suse.com

I'm using SuSE 9.0 with all the kernel source packages and module packages installed. I can get cloned configuration to compile just fine but errors are numerous when I use "ARCH=um"

I've started by trying to compile a clone of the UML kernel from the host-k_um-2.4.21.99 using:

```
linux --showconfig > .config
```

```
in /usr/src/linux
```

then I do "make dep ARCH=um;make modules ARCH=um"

the make dep runs flawlessly but make modules or make linux fails very quickly.

The kernel build howto from Andreas Gruenbacher (October 2003) suggests that kernel-source-um.i586.rpm can be generated from kernel-souce.src.rpm and the source tree will be placed under /usr/src/linux-um.

If this is correct how do I generate the kernel-source-um.i586.rpm or am I missing something else to build the UML binaries as SuSE has?

Thank you,

Chip Schweiss

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