

Re: Switch back to Real mode and then boot strap

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-09/8433.html>

From: Alex Riesen (raa.lkml_at_gmail.com)

Date: 09/28/04

Date: Tue, 28 Sep 2004 12:57:12 +0200
To: Aboo Valappil <aboo@aboosplanet.com>

On Tue, 28 Sep 2004 20:46:40 +1000, Aboo Valappil <aboo@aboosplanet.com> wrote:

- > *Thanks for your reply, it is really good if I have to load another kernel.*
- > *But in my case the OS on the hard disk could be Windows, Linux or x86*
- > *Solaris. A reboot is required from Linux booted from floppy/ramdisk after*
- > *the hard disk has been imaged with requested operating system by a user.*

Could be a starting point, though.

- > *Because of the automated behavior of this, changing the boot sequence is not*
- > *an option. That is why I am after executing real mode BIOS interrupts to*
- > *load the MBR and then pass control to it.*

You still have to shutdown the currently running kernel and put the devices in some definite state.

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