

## Re: [SLE] Messed up my bootloader

**Source:** <http://linux.derkeiler.com/Mailing-Lists/SuSE/2004-02/3728.html>

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**From:** Patrick Shanahan (*paka\_at\_wahoo.no-ip.org*)

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Date: Fri, 27 Feb 2004 19:27:58 -0500

To: SuSE-Linux-English <suse-linux-e@suse.com>

\* Trey Sizemore <trey@fastmail.fm> [02-27-04 18:57]:

> *I was attempting to get my machine to multiboot with a few Linux OSs and  
> Win2000. I have SUSE 9.0 installed and successfully triple booting Win2000  
> and Mandrake 10 beta 2 with grub on the MBR. I installed Arch Linux as well,  
> but inadvertently had lilo installed as well (on the MBR) such that now when  
> I start the machine I only get lilo and the ability to log into arch.*

>

> *So I edited my lilo.conf and added the following entry thinking I would be  
> able to log back into SUSE and add grub back to the MBR with an entry for  
> Arch:*

>

> #

> # /etc/lilo.conf

> #

>

> *boot=/dev/discs/disc0/disc*

> *# This line often fixes L40 errors on bootup*

> *# disk=/dev/discs/disc0/disc bios=0x80*

>

> *default=arch*

> *timeout=50*

> *lba32*

> *prompt*

>

> *image=/boot/vmlinuz26*

> *label=arch*

> *root=/dev/discs/disc0/part11*

> *read-only*

>

> *image=/boot/vmlinuz*

> *label=suse*

> *root=/dev/discs/disc0/part7*

> *read-only*

>

> *#other=/dev/discs/disc0/part1*

> *# label=dos*

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>  
> # End of file  
>  
> However, I get a kernel panic when I select the suse option in lilo when it  
> gets to the point of loading the kernel. I have Win2000 on /dev/hda1,  
> a /data1 SUSE partition on hda5, swap on hda6, and my 48Gb root SUSE  
> partition on hda7.  
>  
> Any help getting this back is greatly appreciated  
>

lilo and grub cannot both reside on the mbr

boot from your SuSE 9.0 install cd and when the boot command line comes up select rescue (or enter it on the command line, I don't remember – old age). When the system has booted, enter on a command line, grub-install --recheck /dev/hda0

NOTE: this will not recover your 'Arch Linux' install.

after recovery, edit (as root) /boot/grub/menu.lst and add:

```
title Linux – Arch Linux
  kernel (hd0,11)/boot/vmlinuz root=/dev/hda12
  initrd (hd0,11)/boot/initrd
```

ymmv, this is as best as I can remember. Someone else more proficient may provide a better or more correct solution. I am sure there are several.

another approach, return lilo.conf to it's original status, boot to Arch Linux.

Then run grub-install /dev/hda0

access the root directory of the `_last_` linux distro installed and copy the entries from /boot/grub/menu.lst and add them to your Arch Linux /boot/grub/menu.lst making corrections for your choice of default, etc. Then you should be able to access everything.

This last scenario would probably be the safest. It is `_much_` easier to make corrections to grub than lilo, and you can do it on the fly.

gud luk,

```
--
Patrick Shanahan                               Registered Linux User #207535
http://wahoo.no-ip.org                       @ http://counter.li.org
--
Check the headers for your unsubscription address
For additional commands send e-mail to suse-linux-e-help@suse.com
```

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## SuSE: Re: [SLE] Messed up my bootloader

Also check the archives at <http://lists.suse.com>  
Please read the FAQs: [suse-linux-e-faq@suse.com](mailto:suse-linux-e-faq@suse.com)