

## Re: Roll back an NTFS version?

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file\\_system/2006-05/msg00029.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file_system/2006-05/msg00029.html)

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- *From:* "Dave Patrick" <DSPatrick@xxxxxxxxxxxxxxxxxxx>
  - *Date:* Wed, 10 May 2006 21:00:15 -0600
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Did you mean system partition? Be aware that Microsoft defines the boot partition for the partition where the operating system is installed, while the system partition is the first primary active partition (where the boot sector resides)

Try creating a boot disk. For the floppy to successfully boot Windows NT the disk must contain the "NT" boot sector. Format a diskette (on a Windows NT machine, not a DOS/Win9x, so the NT boot sector gets written to the floppy), and copy Windows NT versions of ntldr, nt detect.com, and boot.ini to it. Edit the boot.ini to give it a correct ARC path for the machine you wish to boot. Below is an example of boot.ini. The default is to start the operating system located on the first partition of the primary or first drive (drive0). Then drive0 partition 2 and so on.

```
[boot loader]
timeout=10
default=multi(0)disk(0)rdisk(0)partition(1)\WINNT
[operating systems]
multi(0)disk(0)rdisk(0)partition(1)\WINNT="Windows NT 0,1"
multi(0)disk(0)rdisk(0)partition(2)\WINNT="Windows NT 0,2"
multi(0)disk(0)rdisk(1)partition(1)\WINNT="Windows NT 1,1"
multi(0)disk(0)rdisk(1)partition(2)\WINNT="Windows NT 1,2"
```

Another possibility is to try loading the controller driver also from floppy. For the floppy to successfully boot Windows NT the disk must contain the "NT" boot sector. Format a diskette (on a Windows NT machine, not a DOS/Win9x, so the "NT" boot sector gets written to the floppy), then copy ntldr, nt detect.com, and boot.ini to it. Edit the boot.ini to give it a correct ARC path for the machine you wish to boot.

In order for this to work you'll want to change the arc path in boot.ini from multi syntax to scsi syntax to indicate that Windows NT will load a boot device driver and use that driver to access the boot partition. Then also copy the correct manufacturer scsi driver to the floppy but renamed to ntbootdd.sys

Something like this below;

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```
[boot loader]
timeout=10
default=scsi(0)disk(0)rdisk(0)partition(1)\windows
[operating systems]
scsi(0)disk(0)rdisk(0)partition(1)\WINNT="Windows NT 0,1"
scsi(0)disk(0)rdisk(0)partition(2)\WINNT="Windows NT 0,2"
scsi(0)disk(1)rdisk(0)partition(1)\WINNT="Windows NT 1,1"
scsi(0)disk(1)rdisk(0)partition(2)\WINNT="Windows NT 1,2"
```

What was the original problem?

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Regards,

Dave Patrick ....Please no email replies – reply in newsgroup.  
Microsoft Certified Professional  
Microsoft MVP [Windows]  
<http://www.microsoft.com/protect>

"Mike Gale" wrote:

| Thanks Greg,

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| I currently can't mount the drive.

|

| It's the boot drive and I'm getting "non-system disk, disk error"  
messages.

| Is there some extra step I need take?

|

| (I've wondered if I need to edit the MBR, and would like to know if I can  
| install the ntfs.sys that wrote the disk into NT, that is 5.2.3790 instead  
| of 4.0.1381. Versions are from the \*.sys files.)

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