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Linux create an installation boot disk

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There are different methods to create an installation boot disk under Linux. Bootable floppy disks are generally used as a last resort to boot the installer on hardware that cannot boot from CD or by other means (such as a BIOS limitation).

Disk images are files containing the complete contents of a floppy disk in raw form. They cannot be directly copy to floppy disk.

Creating an installation disk from Linux/UNIX

Find out image called boot.img. Different Linux distribution stores disk under different location on CD/DVD:

=> Red Hat / Fedora Linux : /images/boot.img

=> Debian Linux: /install/floppy/boot.img

To write an installation boot disk using dd command as follows (put a floppy disk in disk drive):

```
# dd if=/images/boot.img of=/dev/fd0 bs=1440k
```

OR

```
# dd if=/install/floppy/boot.img of=/dev/fd0 bs=1024 conv=sync ; sync
```

Creating an installation from DOS or Windows

The rewrite.exe and rawrite2.exe programs can be used under MS-DOS. The rwwrtwin.exe program runs on Windows 95, NT, 98, 2000, ME, XP etc. Different Linux distribution stores these utilities under different location on CD/DVD:

=> Red Hat / Fedora Linux: /dosutils

=> Debian Linux: /tools

Boot into DOS, put a floppy in drive and type command (assuming that E: is your CD/DVD drive):

```
e:
cd dosutils
rawrite.exe
```

When asked for a disk boot image path, enter boot.img (for example e:\images\boot.img or e:\install\floppy\boot.img).

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