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# BeOS Release 4.5: Installation Guide Addendum

During the BeOS installation (described in the Installation Guide), you're invited to install **Bootman**, the BeOS boot manager. Installing **Bootman** is a convenient way to add the BeOS to the list of operating systems that you can launch when you boot your computer. However, you don't *have* to install **Bootman** to launch the BeOS—there are other ways to get there. This addendum describes these other methods: It tells you how to boot the BeOS from the BeOS boot floppy, how to add your BeOS partition to other boot managers (such as **System Commander**®, **PowerQuest BootMagic**®, and **lilo**), and how to launch the BeOS while running Window 95/98™ or DOS.

## Booting from the BeOS Floppy

To boot the BeOS from the boot floppy that was included in the BeOS Release 4.5 package, simply insert the floppy and reboot your system. If you choose this method you'll need to continue to use the floppy each time you boot the BeOS.

## Adding the BeOS to Other Boot Managers

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### System Commander®

In the **System Commander** boot screen:

1. Press **Alt+S** to bring up the **Setup Options** window. Use the arrow keys to select the **Order, Add, and Removal** menu, then press **Enter**.
2. Press **Alt+A** to see the **Add Selection to OS** menu.
3. In the **Add Selection** dialog, select **Partition** and press **Enter**.
4. In the **Partition View/Add/Remove** window that appears use the arrow keys to select BFS partition, then press **Alt+I** to make that partition bootable.
5. Press **Escape** to reverse through the previous sequence of screens until you're back in the **OS Selection** menu. There you can select the BeOS to boot it.

⇒ **NOTE:** If you've already installed **Bootman** and you try to set the BeOS as your boot volume with **System Commander**, **System Commander** may identify **Bootman** as a virus. Don't panic—it isn't a virus.

### PowerQuest BootMagic®

From Windows:

1. Run the **BootMagic Configuration** program.
2. In the **BootMagic Configuration** window that opens, click **Add**.
3. In the selection window that opens, select **BeOS**.
4. Click **OK** in the next two windows that appear.
5. Back in the **BootMagic Configuration** window, click **Save/Exit**.

You'll now be able boot into the BeOS when you reboot your machine.

## LILLO

A Linux user would need to add the following snippet to their `lilo.conf` file and then re-run `lilo`:

```
other=/dev/hdNM
label=beos
table=/dev/hdN
```

Where *N* is the letter of the hard drive and *M* is the partition number; for example, “`hda1`” or “`hda2`”.

## Windows NT™ Boot Manager

You can add the BeOS to your Windows NT™ boot manager, thereby allowing you to choose to boot into the BeOS when you reboot your computer. To add BeOS to the NT boot manager:

1. Open a Windows shell and go to the `BeOS_Tools/NT` directory on the BeOS Release 4.5 CD.
2. Run the `addbeos` program by typing `addbeos` at the shell prompt. Note that this only works if you have a single BeOS partition. If you have multiple BeOS partitions consult the `README` file in the `NT` directory.

## All Other Boot Managers

The BeOS installs itself as a bootable partition with a partition type code of 235 (hex `eb`). If you can direct your boot manager to load the boot sector of the BeOS partition it should be able to boot the BeOS. Check the manual that came with your boot manager for more information.

## Launching the BeOS from Windows 95/98™

To boot the BeOS from Windows 95/98™, you use **BEOS**, a Windows program that's provided on the BeOS Release 4.5 CD:

1. While running Windows, insert the BeOS Release 4.5 CD; give the CD a chance to spin up.
2. If the **PartitionMagic Special Edition** screen comes up, click **Exit Setup**.
3. Double-click the **My Computer** icon that appears in the Windows desktop.
4. In the **My Computer** window, right-click on the **BeOS\_Tools** icon and select **Open**.
5. In the **BeOS\_Tools** window, double-click the **WIN95** folder.
6. Find the **BEOS** folder in the **WIN95** window; drag **BEOS** out of **WIN95** and drop it on the **C:** drive in the root directory.
7. Open the **BEOS** folder that you just dropped on your **C:** drive.
8. Inside the **BEOS** folder, you'll see a file that's also called **BEOS** (the icon is the BeOS logo). Double-click this file to launch the BeOS.

## Launching the BeOS from DOS

If you're running DOS, you can boot the BeOS from the command line:

1. Copy the `BEOS.COM` file from the `BeOS_Tools/WIN95/BEOS` directory to a directory on your `PATH` for easy access. (If you use a disk cache, remember to flush it before you launch the BeOS.)
2. Run `BEOS.COM` to launch the BeOS.

⇒ **WARNING:** `BEOS.COM` will not work with Windows NT, or with machines that have multiple CPUs.