

# **AmberRAM Manual**

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**COLLABORATORS**

	<i>TITLE :</i> AmberRAM Manual		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## AmberRAM Manual

### 1.1 AmberRAM Manual

AmberRAM 1.4

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### 1.2 Introduction

AmberRAM is a replacement for the AmigaDOS RAM disk. Like the original, it is non-block-oriented and dynamically sized.

Advantages over the original RAM disk include:

- Long filenames (up to 107 characters).
- Faster.
- Provides accurate information about space utilisation.
- Isn't always 100% full. Free memory is included in disk size.
- More space efficient.
- Respects a file's R and W flags.
- Notification is fully supported.
- Allows deletion of hard-linked, non-empty directories.
- Can be write-protected.
- Supports ACTION\_SET\_FILE\_SIZE correctly.
- Can be dismounted.

Disadvantages include:

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- Directories can't be created from Workbench.
- "Disk full" requester is never displayed.
- Record locking is unsupported.
- `ExamineAll()` is unsupported, but is emulated by `dos.library`.

## 1.3 Installation and Usage

AmberRAM needs OS 3.0 or greater.

There are two mount files for AmberRAM in the "DOSDrivers" subdirectory. "RAM1" allows use of AmberRAM as a second RAM disk, while "RAM" allows AmberRAM to replace the original RAM disk. Copy one or both of these files to your "SYS:Storage/DOSDrivers" directory and copy the file "L/amber-ram-handler" to your "L:" directory.

You can mount AmberRAM as a second RAM disk by double-clicking on the RAM1 icon.

To use AmberRAM as a replacement RAM disk, add the following lines to your startup-sequence, before the first reference to "RAM:":

```
C:Assign >NIL: ENV: NIL: PATH
C:Assign >NIL: RAM: DISMOUNT
C:Mount >NIL: "SYS:Storage/DOSDrivers/RAM"
C:Assign >NIL: ENV: REMOVE
```

If you use HappyENV or env-handler, these lines should also be before the line that mounts the ENV disk.

## 1.4 Contacting the Author

Please send bug reports, suggestions, and any other correspondence to one of the following addresses.

E-mail: [caffer@cs.ucc.ie](mailto:caffer@cs.ucc.ie)

Post: Neil Cafferkey,  
30, Upper Kensington,  
Rochestown,  
Cork,  
Ireland.

## 1.5 Legal Information

AmberRAM is released under the terms of the GNU General Public Licence. See the individual source files for copyright information.

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## 1.6 History

### V1.4 (March 2002)

- Moving an object to a different directory now works properly.
- Rewrote ACTION\_SEEK and ACTION\_READ to fix several bugs.
- Bug fix: in certain cases, a file could be created in a non-existent directory.

### V1.3 (February 2002)

- Bug fix: renaming the disk could cause crashes.
- Renaming the disk now affects block-usage reports.

### V1.2 (January 2002)

- Less strict for better compatibility.

### V1.1 (March 2001)

- First release.
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