Erase

Lee Kindness

COLLABORATORS

	TITLE : Erase		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Lee Kindness	February 12, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

Erase

1.1 Erase 1.1

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              _____ ____   ___  ____  _____ _
| |   ___| |  __ \ / _ \ / ___| |  ____| | | Erase version 1.1
| |  |__   | |__) | |_| | (___  | |__   | | |
| |   __|  |  _  /|  _  |\___ \| |  __| | | | Copyright ©1995 Lee Kindness
| |  |___| | | \ \| | | | |___) | |____ |_|
|_____|_|  \_\_| |_|_____/|_____(_)  Make sure your files are DELETED.
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1.2 Introduction

We've all deleted files and then been able to recover them using ←
a utility
such as DiskSalv. Quite a relief most of the time... but what if the files
must be unrecoverable? Use Erase!

USE THIS PROGRAM WITH EXTREME CAUTION

1.3   Disclaimer, Distrubution and Copyright

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Disclaimer
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I hereby reject any liability or responsibility for these or any
other consequences from the use of Erase whatsoever. This includes,
but is not limited to, damage to your equipment, to your data,
personal injuries, financial loss or any other kinds of side effects.
Although Erase has been tested thoroughly on several different
machines, I cannot rule out the possibility that Erase

    1. is somehow incompatible to your equipment

    2. has bugs that show up on your equipment

    3. does not do what it is supposed to do on your equipment

It is your responsibility to take any precautions necessary to
protect yourself from these or any other effects. I explicitly
reject any liability or responsibility from the consequences of you
using Erase

Distribution
~~~~~~~~~~~~

Erase may be freely distributed and copied, as long as the following
conditions are fulfilled:

    1. All parts of the program and the documentation must be complete.
       The distribution of single parts or incomplete subsets of the
       original distribution is forbidden.

    2. If Erase is to be included in a commercial distribution (including
       magazines!) then I must be sent a copy of the product (or if it is a
       mag that I am subscribed to then an increase in subscription). It
       would be better if you contacted me beforehand to ensure you have the
       latest version. In any case full credit must be given within the
       program documentation or magazine.

    3. If the included source code is used in another program then credit
       must be given in the documentation.

Note To Magazines
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In the past I have had some of my programs included on magazine coverdisks
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without my permission when in the documentation it was stated that this
was required... I want my programs on coverdisks but you _MUST_ read and
fufil the "Distribution" section above. If you disagree then contact me
or write a message in the AMIGA_MAGS echo...

1.4 Installation

To install simply copy Erase to C: The button below will do this for you!

                                    Install

1.5 Usage of Erase

Erase can only be used from a Shell. Workbench 2 or higher is required.

Erase has the following argument template:

                              FILE/M/A,TIMES/K/N

FILE: The file, directory or wildcard which to erase. Multiple files are
      supported, at least one must be given.

TIMES: The number of times that you want the file overwritten with data.
      Default is once.

Examples:

Erase RAM:T RAM:ENV TIMES=2
=> Erases the contents of RAM:T and RAM:ENV, overwritting the files twice.

Erase #?.(JPG|JPEG)
=> Erases all jpeg files in the current directory

1.6 Frequently Asked Questions

Q. How does Erase 'erase' a file?

A. When erasing a file the following steps are taken:
   1. The files protection flags are set to RWED
   2. The files comment is cleared
   3. The ownership information (if using mufs) is cleared
   4. The file creation date is cleared
   5. The file is overwritten 'TIMES' times with data (data is actually
      different each time, ascii codes TIMES..0)
   6. The file size is set to 0
   7. The file is deleted as normal

Q. How does Erase 'erase' a directory?

A. As above, all steps except 5 and 6.

Q. Can the data be recovered at all?

A. Never... so be careful :)

1.7 Thanks

Thanks go to Evan Tuer for actually getting me round to releasing this
utility and for writting the original guide file.

1.8 Contacting the author

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