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<b>COLLABORATORS</b>
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	<i>TITLE :</i>  ????		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>???</b>	<b>1</b>
1.1	Preliminary . . . . .	1
1.2	Distribution . . . . .	1
1.3	Introduction . . . . .	1
1.4	Warning . . . . .	2
1.5	Author . . . . .	2
1.6	How does it work ? . . . . .	2
1.7	Arguments . . . . .	3
1.8	Program history . . . . .	4

# Chapter 1

## ????

### 1.1 Preliminary

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=====
                        SuperDelete 0.00
                        Copyright (C) 1999 by Denis GOUNELLE
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Introduction
Warning
Distribution
How does it work ?
Arguments
Author
Program history
```

### 1.2 Distribution

This program is made available to you as a freeware program. Without written authorization, any commercial usage or selling is absolutely forbidden. You can copy and spread this program under the following conditions:

1. All the files must be provided
2. No file has been modified, in any way
3. You can't ask for more than \$5 for this

In spite of several tests, no warranty is made that there are no errors in SuperDelete. YOU USE THIS PROGRAM AT YOUR OWN RISK. In no event I shall be liable for any damage, direct or indirect, resulting of the use of SuperDelete.

### 1.3 Introduction

SuperDelete purpose is to offer a global thrashcan to the system. This means that when a file is asked to be deleted, it is moved to a special directory rather than being deleted, so giving you a chance to get back the data if you discover later that you need it.

Because SuperDelete replaces the "delete" function of AmigaDOS, it will work for ANY delete request, from ANY program you use.

SuperDelete is very configurable (see the Arguments section) and installation is very easy too: you just have to copy the program in the WBStartup directory of your boot partition, and to check the program options. If you ever want to stop SuperDelete while it is running, you can send it a CTRL-C break.

## 1.4 Warning

This version is considered as an beta version. Although the program should be working fine (it is installed on my Amiga since the beginning of August) there are still a few unimplemented features. Because I would like to temporarily switch to another project, I'm releasing this program now, in order to have some feedback from you before I finish it.

The missing features are :

- handling of several versions of the same file
- thrashcan browser to view thrashcan content and recover files
- installation as a commodity

This list is not definitive : items may be added or removed without warning. Don't hesitate to send me your comments or suggestions.

## 1.5 Author

SuperDelete was written in C++ by:

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## 1.6 How does it work ?

Each time SuperDelete is started, the thrashcan directories are checked: files older than the MAXDAYS parameters are deleted. Then, if the thrashcan directories are larger than the MAXSIZE parameter, files are deleted from the older to the newer, until the size of each directory is below the limit.

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Once the thrashcan checking is finished, the Delete() vector of the AmigaDOS library is patched so that not only the Workbench, but any program you use, will call SuperDelete to remove files.

Files will be immediatly deleted if:

- the file is already located in the thrashcan
- the file's name matches one of the patterns specified by the XPATTERNS parameter
- the file's size is above the CONFIRMSIZE parameter (and the user as agree to delete the file if the CONFIRMBYREQ parameter has been specified)

Otherwise, the file will be moved to the thrashcan, from where you will be able to recoved it later if you need. Files will be stored with their original names (so that you can find them easily) and with a comment giving their original location.

## 1.7 Arguments

The list of possible SuperDelete arguments is shown below. For each argument, the first line shows the Shell syntax, while the second one shows the Tool Types syntax.

XPATTERNS/K patterns

XPATTERNS=patterns

Specifies a list of patterns of filenames that will never be moved to the thrashcan, but immediatly deleted. This is useful, for instance, to prevent temporary files to full up the thrashcan. It is also possible to exclude a complete directory or partition. Default value is an empty pattern (no exclusion).

You can specify as many patterns as you like (separated by commas) as long as the total length of the patterns is less than 255 characters. For exemple, an argument value of "#?.o,Tmp:#" specifies that files which name end by ".o" or which are located on the "Tmp:" partition must not be moved into the thrashcan.

THRASHDIR/K directory

THRASHDIR=directory

Specifies the name of the thrashcan directory, where deleted files will be stored. Default value is "SuperThrashcan". Take care that the thrashcan directory is considered to belong to SuperDelete: never copy a file to this directory by yourself, because it might be deleted whithout warning.

You can specify either a basic directory name (like "MyThrashcan") or a full qualified name (like "Tmp:LastChance"). In the first case, one thrashcan directory will be created on every writable DOS partition. In the second case, there will only be a single thrashcan directory for all your disk partitions.

Take care that the single thrashcan mode can have a dramatic effect on performances, because data will have to be copied from the original partition to the one where the thrashcan is located.

CONFIRMSIZE/K size

CONFIRMSIZE=size

Specifies the maximal size (in bytes) of files to move to the thrashcan: files below this limit will be moved, files above will be deleted (with or without confirmation, see below). Default value is 128 KBytes.

CONFIRMBYREQ/S

CONFIRMBYREQ

If this argument is specified, you will be asked what to do when a file is above the CONFIRMSIZE limit: either to delete the file, or to move it to the thrashcan anyway. If this argument is not specified (default behaviour), the file will be deleted without warning.

MAXDAYS/K/N days

MAXDAYS=days

Specifies the maximal age (in days) of files in the thrashcan. Older files will be definitively deleted each time the thrashcan is checked. Default value is 30 days.

MAXSIZE/K/N size

MAXSIZE=size

Specifies the maximal size (in mega-bytes) of each thrashcan directory. Each time the thrashcan is checked, files in the directory will be definitively deleted, from the older to the newer, to lower the directory size to this limit. Default value is one MByte.

LOGFILE/K filename

LOGFILE=filename

Specifies the name of the optional SuperDelete's logfile. If the argument is specified, the file will be used to log details about the program options and results of the thrashcan checking.

## 1.8 Program history

v0.00, 21-Aug-99, 31568 bytes

- First released beta version

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