AppTrash

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AppTrash

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                            AppTrash 3.7

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        ***********************************************************************
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1.2   Copyrights & Distribution

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                              *************
                               Copyright
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```

AppTrash is FreeWare. No donations are required, but I won't reject any.

AppTrash may not be distributed for profit or be included with software
or hardware that is sold for profit except with written and signed
permission from the
                 author
                 . Permission is here by given to include and
distribute this program as part of Public Domain libraries such as the
Fred Fish Library. The program may also be distributed via BBS's that
doesn't claim Copyright on programs or charge any fees for download.
The only requirements for distributing the program is that this document
accompanies the executable file and that these are left intact.

```
                           **************
                             Disclaimer
                           **************
```

AppTrash is provided "as-is". You use AppTrash on your own risk.
I don't guarantee it's fitness for any purpose. I accept no liability or
responsability for any damage done to software or hardware directly or
indirectly during its use.

1.3   Requirements

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                          ****************
                            Requirements
                          ****************
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AppTrash was compiled with SAS/C-compiler v6.5 on an Amiga 500
Kickstart V37.175, Workbench V38.35 with 4MB memory + 80MB harddisk.
Hopefully it'll work on any Amiga as long as it has Kickstart 37++, but if it
doesn't, please
             let me know
             .

These are the requriements:

- Kickstart V37++
- A drawer named SYS:Trashcan if you are going to delete safely.
- reqtools.library v38 or higher. ReqTools is Copyright (c) Nico François.

1.4   Introduction

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```
                          Introduction
                      ****************
```

AppTrash is a replacement for the old Trashcan. You might wonder why you
should use AppTrash instead of the old Trashcan.

I'll give you some reasons:

   - AppTrash can delete files immediately (instead of storing them in the
     Trashcan where they take up precious space).

   - AppTrash does a true "move", when safe-deleting from one volume to
     another. Trashcan copied the file(s) if they where on different
     volumes than the Trashcan-drawer.

   - AppTrash can format disks. Choose your own favorite diskformatter, as
     long as it's possible to control it from CLI.

   - AppTrash recognises Trashcan-icons. It's then up to you to decide
     whether you want to remove the trashcan-drawer, or just empty it.

   - AppTrash can also warn you before doing anything. This will prevent
     you from deleting the wrong files. Just cancel the operation
     when the requester pops up.

   - AppTrash can remove protected files.

   - All settings can easily be changed from a window.

1.5   Setting Up AppTrash

```
                          ****************
                          Installation
                      ****************
```

Starting AppTrash
=================

AppTrash can be started from either CLI or Workbench.

 From Workbench...: Double-click on the AppTrash-icon.

 From CLI.........: run >NIL: AppTrash <return>

 Since AppTrash doesn't detach from the CLI, you'll have to use run if you
 want to continue to use this CLI-process.

If you want to start AppTrash by default at boot-time, you can put the
AppTrash icon in the WBStartup-drawer or add the above mentioned
commandline to the user-startup.

When AppTrash has started, an appicon will apear on the Workbench-window.
By droping icons on this appicon, you'll delete the file or drawer. If it
is a disk, you can format it. Doubleclicking on the appicon will open

the settings-window.

As you might know, it's possible to see all files, whether or not they have
an icon. When you delete one of these files, the icon will still be present
even though the file doesn't exist. I haven't found out yet, how to notify
the Workbench of the deletion. To get rid of this icon you should update
the Workbench. This is done by selecting Update in the leftmost menu on
the Workbench.

If you drop a drawer on AppTrash, that doesn't have an icon, the settings-
window will open. This is not a bug but a result of the argument handling
by Workbench.

Files that does have an icon will, after deletion, dissappear from the
drawer-window.

Settings
========

The behaviour of AppTrash can either be set at startup via the tooltypes
or the CLI, or from the
                Settings-window
                    .

These are the available tooltypes and argument parameters:

  ICON   – Name of the icon to use for the AppIcon. The name may be
                   with or without the '.info' extension. If not provided,
                   the AppTrash icon will be used. If no icon is found, the
                   default tool-icon will be used.

  TITLE   – Name for the appicon. Default is AppTrash.

  CMD   – Command string to execute when diskicons are dropped on
                   AppTrash. See
                Format Command
                 for info about
                   format on string.

  IGNORE   – Should AppTrash delete protected files.
                   Possible values are:
                      YES – delete always
                      NO – don't delete
                      ASK – ask first, a requester will pop up

  XPOS   – X-position of appicon.

  YPOS   – Y-position of appicon.

  WARNFILE   – Warn before deleting a file.

  WARNDIR   – Warn before deleting a directory.

  SAFE   – Move files to SYS:Trashcan, instead of deleting them. The
                   original file is of course deleted but can be brought back
                   from the SYS:Trashcan drawer.

```
   WARNVOL      -  Warn before formatting a disk.

   FOLLOWMOUSE  -  Make all AppTrash-requesters appear at the mousepointer.
                   The pointer will be over the negotiating (rightmost)
                   gadget if possible. Default is center in visable area.
```

If you put AppTrash in the WBStartup drawer you will also want to add the
DONOTWAIT tooltype.

If no iconposition is given, Workbench will place the icon at a free space.
Remember not to put the icon too close to another one. If you do, Workbench
will move it automaticly to a free space.

All the above mentioned switches can be reached from the
                  Settings-window
                   where you from now on (v3.0) can save the settings to the icon. ↩
                     To open
the
                  Settings-window
                  , double-click on the AppTrash-appicon.

1.6   The AppTrash Settings-window

```
                           _ _____ _
   [_]_____[_]     By double-clicking on
   |         AppTrash 3.7 (17.04.94)              |     the appicon, a window
   |       © Copyright 1994 Johan Stenarson       |     will appear. In this
   |          This program is FreeWare            |     window you can set the
   |                                              |     behaviour and look of
   |  - Confirm -----                             |     AppTrash.
   | |

              Directory |

              Follow Mouse        |
   | |

              File      |

              Store Files         |
   | |

              Disk      | Ignore Protection
                  |
                  |
   | ---------------                                 |
   | Format command


                  |
   |          Icon


                  |
   |          Title
```

```
                    |
   |                                              |
   |
                   Icon Pos

                    Quit...
                     |
   |
                     Use

                    Save

                   Cancel
                    |
   |_____|
```

              Click on the icon you want information about.

1.7   Confirm Directory

                    Confirm before deleting directories
====================================

 When this setting is on (a checkmark in the gadget), AppTrash will warn
 you before deleting any directories. A requester with three choices will
 popup. These choices are:

        Yes - OK to delete directory.
        All - OK to delete all directories you dropped on AppTrash.
        None - No directories will be deleted.
        No   - Do not delete this directory.

 Keyboard equivalent: 'd' or 'D'

 NOTE! The 'All' and 'None' buttons also acts on disks and files.

See Also
========

              Attention
                for more information about when the warnings appear.

1.8   Ignore Protection

Ignore Protection
=================

 This option has three possible values.

When it says 'Yes', all protected files will, unconditionally, be deleted.
In other words, the protection is ignored.

If it says 'No', all protected files will be left. In other words, no
protected file will be deleted.

If it says 'Ask', a requester will appear when a protected file is found.
You can from this requester select to delete the file or leave it.
This requester will always popup if 'Ask' is set, even if you have selected
'All' in a previous requester.

Keyboard equivalent: 'p' or 'P'

1.9   Confirm File

```
                Confirm before deleting files
 ============================
```

When this setting is on (a checkmark in the gadget), AppTrash will warn
you before deleting any files. A requester with four choices will
popup. These choices are:

```
       Yes  - OK to delete file.
       All  - OK to delete all files you dropped on AppTrash.
       None - No files will be deleted.
       No   - Do not delete this file.
```

Keyboard equivalent: 'f' or 'F'

NOTE! The 'All' and 'None' buttons also acts on disks and directories.

```
See Also
========
```

```
          Attention
           for more information about when the warnings apear.
```

1.10   Confirm Disk

```
              Confirm before formatting disks
 ==============================
```

When this setting is on (a checkmark in the gadget), AppTrash will warn
you before formatting any disks. A requester with four choices will popup.
These choices are:

```
       Yes  - OK to delete file.
       All  - OK to delete all files you dropped on AppTrash.
```

```
        None - No disks will be deleted.
        No   - Do not delete this file.
```

  Keyboard equivalent: 'i' or 'I'

  NOTE! The 'All' and 'None' buttons also acts on directories and files.

 See Also
 ========

            Format command
             for information about commandstring.

1.11   Store Files

Store Files
===========

 When this setting is on (a checkmark in the gadget), AppTrash will move
 the files you want to delete, to the SYS:Trashcan drawer. This makes it
 possible to 'undelete' the files. This is how the old Trashcan works,
 only AppTrash moves correctly between different volumes (the old Trashcan
 made a copy in the Trashcan).

 Keyboard equivalent: 'r' or 'R'

1.12   Format Command

            Format Command
==============

 In this gadget you enter the commandstring AppTrash will execute every-
 time a diskicon is dropped on AppTrash. The commandstring can be used to
 execute any kind of DOS command, but I guess most of you will use it to
 execute a disk-formatter.

 NOTE! The command you execute must be executable from DOS and must not
 require any input.

 The commandstring should look as it does normaly, accept for two things.
 These are the diskname and the volumename (DF0:, DH1: etc.).

 Since the icon may represent any volume (eg. DF0: or PC1:), the volumename
 must be described as a common name.
 Instead of typing the volumename, you now enter '%d'. AppTrash will replace
 this with the icons true volumename, before executing the string.

 Since you might want different names on the disks you format, I've made it
 possible to enter the new name into a stringrequester. To use this string-
 requester you enter '%n' at the position where the name should have been.

When AppTrash finds '%n', it will open the requester, where you may enter
a new diskname.
If you want a defaultname in the string-requester, add this name directly
after the '%n'. If this string contains spaces, it must be entered within
apostrophes (').

NOTE! Do NOT use quotationmarks (").

In case you always use the same name on empty disks (eg. Empty), you may
omit the %n and enter the name as you would've done normaly.

Here's an example, in case you didn't understand.

  SYS:System/Format DRIVE %d NAME %n'Empty Disk' FFS NOICONS

The following will happen when you drop the DF0:-icon on AppTrash.
If
            Confirm Disk
             is set, a warning requester will pop-up, else a
string-requester appears. In this requester, the name 'Empty Disk' is
found. You may now either accept this name or change it. If no changes are
made, AppTrash will execute the following command.

  SYS:System/Format DRIVE DF0: NAME "Empty Disk" FFS NOICONS

If you have mounted a MS-DOS unit and drop this icon on AppTrash, the unit
will be MS-DOS formatted.

Keyboard equivalent: 'm' or 'M'

1.13   Icon

```
Icon
====
```

 In this gadget, you enter the name of the icon you want to use.
 The name may include the '.info' extension, but excluding it will also work.

 If no iconname is entered, AppTrash will use its own file-icon as an
 AppIcon.

 If the entered icon or the AppTrash-icon isn't found, the default
 icon for Tools will be used.

 Keyboard equivalent: 'o' or 'O'

1.14   Title

```
Title
=====
```

 In this gadget, you enter the title of the appicon. The title must not
 contain more then 40 characters (I don't think this is a problem, 'cause
 who wants a title all over the Workbench).

 If no name is entered, the name 'AppTrash' will be used.

 Keyboard equivalent: 't' or 'T'

1.15   Follow Mouse

```
Follow Mouse
============
```

 When this setting is on (a checkmark in the gadget), AppTrash will open
 all requester at the same position as the pointer. If possible the
 negotiating (rightmost) gadget will be positioned under the pointer.

 If this option is off (default), the requesters will appear at the center
 of the visable area.

 Keyboard equivalent: 'l' or 'L'

1.16   Icon Pos

```
Icon Pos
========
```

 When this gadget is pressed, a window by the size of the icon will be
 opened. Move this window to the location you want the icon at.

 If a position is specified at startup or the position has been changed
 since the start, the window will appear at the icon-position (unless the
 icon has been moved without letting AppTrash know).

 If the icon wont move to the specified position, it might be beacause it's
 too close to another icon. Try to move it a bit further apart.

 If you drag the appicon directly to a new position, AppTrash will not know
 of this movement. This is because there is no way (that I know of) to tell
 the position of an icon (if someone out there knows a way, please let me
 know). Therefor always use the 'Icon Pos'-window to move the icon around
 if you intend to save the iconposition as a default position.

 If no position has been set or changed, the window will appear at location
 50;50 (absolute coordinates).

Clicking on this gadget a second time will bring the window to the frontmost
position.

Keyboard equivalent: 'n' or 'N'

1.17   Use

                    Use
===

 When this gadget is pressed, the window will close and the new settings
 will be set. Icon-position and name will be updated.

 Keyboard equivalent: 'u' or 'U'

See Also
========

                    Save

1.18   Save

                    Save
====

 This will like the
                Use
                -gadget set the new settings but it will also
 save the settings to the icon. The next time AppTrash is started, these
 settings will be set.

 This gadget was named 'Default' in earlier versions.

 Keyboard equivalent: 's' or 'S'

See Also
========

                    Use

1.19   Cancel

```
Cancel
======
```

  This gadget will close the window and leave the settings unchanged.

  Another way to cancel the changes is to close the window with the
  close-gadget in the windows top-left corner.

  Keyboard equivalent: 'c' or 'C'

1.20   Quit

```
Quit
====
```

  This will open a requester asking you if you really want to quit AppTrash.
  If you select 'Yes' then the appicon will be removed and AppTrash will
  exit. Changes made will not be stored.

  Keyboard equivalent: 'q' or 'Q'

1.21   Attention

Shit happens and that's a fact, but here's a few things that you might want
to know which can prevent it from happening.

AppTrash will delete any sub-directory, when deleting a directory
but will NOT warn you before deleting the sub-directory no matter what the
WARNDIR setting is. Nor will it warn you before deleting files in
the directory or sub-directory no matter what the WARNFILE setting is.
In other words, WARNDIR acts only on the directory you drop on the AppIcon,
not its sub-directories and WARNFILE acts only on the file droped on the
AppIcon, NOT on files in a directory or its sub-directories.

By clicking 'All' in the requesters, the files left to delete, will be
deleted unconditionally. Only protected files will open requesters if Ignore
is set to 'Ask'.
The 'All' gadget acts on files, directories and disks.

The 'None' gadget has the opposit effect as 'All'. No files (but the ones
you've already deleted) will be deleted.
The 'None' gadget acts on files, directories and disks.

If you are one of those who have very deep sub-directories, you might need
to add stack-memory or you may get problems. The normal stacksize (4096 bytes)
should be enough for the average user, but if you get problems while deleting
a deep directory, adding stack memory might help. The routine has been
rewritten so this is not a very big problem anymore.

If the appicon wont move to a position you've set, it might be because it's
too close to another icon. Try moving them a bit further apart.

1.22   AppTrash Version Notes

```
                        **************************
                          AppTrash Version Notes
                        **************************
```

Version   Changes

1.0   First released version.

1.1   You can now place the appicon where ever you want (on the
            workbench window :-), via XPOS and YPOS parameter/tooltype.
            If no parameter is given, Workbench will find a suitable place.

1.2   If an iconname was given, AppTrash sometimes (most of the time,
            in fact :-(refused to start.
            Forgott to free memory when closing the controlwindow with the
            closegadget.

1.3   The previous versions required fastmem, this has been fixed so
            it now accepts any kind of memory.
            Forgott to free some memory (again...).

2.0   AppTrash now recognises disks and Trashcan.
            Disk may be formatted (depending on what the string is set to).
            Trashcan drawers will be emptied OR removed.

2.1   Added warnings when file or directory can't be deleted.
            Removed a harmless bug.

3.0   Save-settings made possible. Only for those who start AppTrash
            from the Workbench.
            You may now change the name and icon-image of the appicon from
            the controlwindow.
            Positioning of the icon is made via a window.
            You can restore to startup-values.
            Requesters can now be located at center of screen or at the
            pointer.
            'Ok' and 'Remove' has been renamed to 'Use' and 'Quit'.
            Files appearing on the same volume as the trashcan-drawer is now
            renamed instead of buffer moved. This makes the operation faster.

3.1   Major bug. I guess everyone noticed this bug, since no files
            were deleted. Ain't it amazing what one (1) single byte can
            cause if you don't initialize it?

3.2   The code has been rewritten (twice as a matter of fact) to gain
            speed and functionality. Size has been a low priority but I did
            manage to make it smaller.
            Protected files may be deleted.
            If a file or a directory can't be deleted, a requester will pop

up, showing the errormessage.
Clicking on 'Icon Pos' several times would open more windows but
only the last one would close. Now the window will pop to the
front if you click several times.
Added an 'All' gadget to the warnings, that will confirm all
files/directories you're about to delete.
Adding '.info' to the iconname would crash the computer. This is
now filtered out.
'Default' has been renamed to 'Save'.
The look is different (to the better I hope).
Key equivalents has been changed for some functions.

3.3   AppTrash can now format non-dos disks. This makes it possible to
             format a MS-DOS disk as an AmigaDOS disk. Just drop DF0:???? on
             AppTrash. Unformatted disk should work too.
             Cancel didn't cancel settings on title, iconname and position.
             This has been fixed.
             The keyboard equivalents didn't work as they should. This has
             been fixed.
             Rewrote some of the code to make it smaller.

3.4   Added the 'None' option to the warning-requesters, making it
             possible to cancel all deletions/formats.
             If some of the strings got longer then the buffer, they would
             overwrite each other. This has been fixed.

3.5   I guess I was a bit too eager to make AppTrash smaller. I forgot
             to initialize some pointers.

3.6   If user changed to an icon that didn't exist, AppTrash would
             cause a guru.
             If workbench was a backdrop window, the icon position couldn't
             be changed.
             For some reason one line of sourcecode disappeared. This caused
             a guru if AppTrash was started from Workbench.

3.7   It is now possible to change screenmode while AppTrash is
             running.
             Removed some invisible and harmless bugs.

1.23   Comming To An Apptrash Near You

```
                    *********************************
                    Coming To An AppTrash Near You
                    *********************************
```

The following functions might be added:

  - Making the window an appwindow. The icon you drop on the window, will
    be the one used by AppTrash

  - Store the settings in an environment-variable, making it possible for
    CLI-users to store the changed settings.

  - Localized AppTrash? Perhaps, if I get to know how it works.

```
KNOWN BUGS:

 There seems to be a problem to format disks under OS3.1 (though it's only
 one person who has reported it).
```

```
Do you know of a function you want to see in AppTrash? Don't hesitate
to
              contact me
              .
```

1.24   Credits

```
Thank You...
============

Robert Svensson              For giving me the idea, reporting bugs and
                             suggested improvements.

Kalle Johansson              For reporting bugs, and suggested improvements.

Fredrik "Graniz" Granfelt    For reporting bugs, and suggested improvements.

Urpo Finnilä                 For reporting bugs.

Commodore                    For the Amiga and OS 2.04+ which once again
                             has made the Amiga to an outstanding computer.
                             The best money can buy. (MS-Windows, hrmphh...)

AC/DC                        For "Back In Black" and "For Those About To Rock".

Dio                          For "Holy Diver".

Riot                         For "Rock City".

Stephen King                 For his books.


Words of Wisdom
===============

 "If everything seems to be going well, you obviously don't know what the
  hell is going on"
                                                             -- Murphy
```

1.25   Send bugreports to...

```
In case you discover any bugs in the program or this AmigaGuide document,
please let me know.
```

Please make the bug-description as well documented as possible. This will
make it easier for me to locate the bug. Let me know what kind of system
you use and what programs you run in the background.
Also try to make the bug reappear under the same conditions, it might have
been something else that caused the problem (like coffee in the keyboard,
if this is the case, don't bother to make the bug reappear).

My address is:

 Johan Stenarson
 Björnstigen 17
 S-646 00 GNESTA
 SWEDEN