

ClipBored

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COLLABORATORS

	<i>TITLE :</i> ClipBored		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Nick MacDonald	November 24, 2024	

REVISION HISTORY

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Chapter 1

ClipBored

1.1 ClipBored

ClipBored V1.0 **beta**

ClipBored is a Clipboard utility. It is a commodity that adds a bunch of new hotkeys that allow you to cut and paste from clipboard unit numbers 1 through 10. The default unit number for most applications is 0, so this effectively gives you eleven easy access clipboards.

Who wrote ClipBored?

What use is it?

How much do you want for it?

How's it work?

How do I configure it?

Tool Types

1.2 What use is it?

The main reason why ClipBored was written was to allow easy copying of multiple strings from one requester to another similar one, where you couldn't have both up at once. Another great utility, **NewEdit** further enhances the usefulness of ClipBored.

1.3 How's it work?

When you press one of ClipBored's cut hotkeys, it inputs a Right Amiga C (RAWKEY RCOMMAND C) to cause the application to cut to clipboard unit zero. Then, once the clipboard changes, it copies off the contents of unit zero to the unit number that corresponds

to the hotkey that you hit.

When you press one of ClipBored's paste hotkeys, it copies the contents of the appropriate clipboard unit into unit zero, and then inputs a Right Amiga V (RAWKEY RCOMMAND V) into the application to cause it to do a paste.

1.4 How do I configure it?

Until a user interface is added, you can only define the hotkeys by editing the **Tool Types** of the ClipBored icon.

1.5 Tool Types

CUT

PASTE

FKEY_nn

CUT_HOTKEY_nn

PASTE_HOTKEY_nn

These five tool types work together to allow you total control over which keys become your hotkeys. As a group, they define 20 hot keys--10 for cutting and 10 for pasting. The process of building the hotkeys is a little complicated, so lets start of with an example:

Line#

1 CUT=RAWKEY RALT RSHIFT

2 PASTE=RAWKEY RALT

3 FKEY_06=6

4 FKEY_07=7

5 FKEY_08=NONE

6 FKEY_09=9

7 FKEY_10=0

8 CUT_HOTKEY_10=RAWKEY RCOMMAND RSHIFT O

9 PASTE_HOTKEY_09=RAWKEY RCOMMAND P

If any of the CUT_HOTKEY_nn or PASTE_HOTKEY_nn are specified, then all other tooltypes relating to that hotkey are ignored--the value you specify is not modified. (See lines 8 and 9).

If there is no specific hot key given then one is built from the combination of CUT and FKEY_nn and PASTE and FKEY_nn.

CUT_HOTKEY_nn, PASTE_HOTKEY_nn, and FKEY_nn can all be assigned the special value NONE to indicate that the particular key is not

to be made a hotkey... You will lose the ability to cut and/or paste to the corresponding clipboard unit.

If CUT and PASTE are not specified, they are assigned default values: CUT=RSHIFT PASTE=RALT

If FKEY_nn is not specified, it is assign to the correct function key number. FKEY_01=F1, ..., FKEY_10=F10

So, the above lines give you the following 20 hotkeys:

Hotkey

Function Number Definition

CUT: 01 RAWKEY RALT RSHIFT F1

02 RAWKEY RALT RSHIFT F2

03 RAWKEY RALT RSHIFT F3

04 RAWKEY RALT RSHIFT F4

05 RAWKEY RALT RSHIFT F5

06 RAWKEY RALT RSHIFT 6

07 RAWKEY RALT RSHIFT 7

08 {No definition}

09 RAWKEY RALT RSHIFT 9

10 RAWKEY RCOMMAND RSHIFT O

PASTE: 01 RAWKEY RALT F1

02 RAWKEY RALT F2

03 RAWKEY RALT F3

04 RAWKEY RALT F4

05 RAWKEY RALT F5

06 RAWKEY RALT 6

07 RAWKEY RALT 7

08 {No definition}

09 RAWKEY RCOMMAND P

10 RAWKEY RALT 0

WINDOW_HOTKEY

This is for the next version. It will have a nice little pop up window showing something. Some possible contents of this window are:

- An indication of the hotkeys, and a method to change them and then resave them to the icon tool types.
- An indication of what, if anything, is in each clipboard unit.
- Any thing else you suggest.

TIMEOUT

Since ClipBored requests the application to do a cut, it has to wait for the clipboard contents to change before it can move it off to the correct unit number. The timeout tool type determines how long it will wait for this change, in 10th of seconds. The default value is 10, or one second. This should be fine for most purposes.

DISPLAYBEEP

If, the timeout (above) expires with no cut occurring, ClipBored will beep the display if this tool type is set to "YES".

The current behaviour, if the cut does not occur, is to go ahead and copy whatever is (still) in unit 0 to the unit # corresponding to the key you pressed. This could be changed, or even made configurable... Your input is requested...

Standard Commodity Tool Types

CX_POPKEY

CX_POPUP

CX_PRIORITY

Right now, only CX_PRIORITY is used for anything, as there is no user interface to pop up. That comes in the next version.

These tool types are all documented in the documentation that came with your version of AmigaDOS... Check there if you need more info.

1.6 About NewEdit

NewEdit was (according to its Commodities Exchange info) written by Uwe Röhm. It allows you to cut and paste from standard string requestors. A very handy piece of software--especially when used in conjunction with ClipBored.

1.7 Who wrote ClipBored?

ClipBored was written by **Nick MacDonald** of **INNOVISION**.

ClipBored was inspired by Darren Reid and Tony Gilchrist who complained bitterly about too many strings and not enough clipboards... Continued development has been encouraged by the whole gang, but in particular by Trevor Morris.

You can blame Darren for the weird name. That's the one he chose, and while I have reservations about it... I don't have anything better except for something boring (isn't word play fun) like ClipManager.

1.8 What's INNOVISION all about?

INNOVISION is a cooperative of many artists, a marketing manager and a programmer or two.

Here's the standard blurb:

INNOVISION is an award-winning developer of computer multimedia products and services. The compnay produces interactive software products for the education, training and entertainment markets for delivery on computer disk, CD, laser disk, public information kiosk and the Internet. We have particular expertise in the creation of 3D Animations for television and film.

And here's where you can reach us:

INNOVISION Strategic Communications

Suite 203, Incutech Building

UNB Campus

PO Box 69000

Fredericton, New Brunswick, CANADA

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Phone: (506) 458-0895

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Email: shockwav@jupiter.sun.csd.unb.ca

1.9 How much do you want for it?

Well... I'll take as much as you got... *grin*

...as long as its at least \$25 US (\$30 Canadian).

Why so much? Because its an awesome program and it took a lot of effort to get it to work as well as it does... And its going to take even more effort to get it all polished so that it looks as good as it works.

ClipBored is shareware. This version is a fully functional

beta copy. Its only gonna get better... so why not get in on the ground floor... and ensure yourself all the free future upgrades.

To register your copy, send a money order or equivalent (no personal cheques please) to:

Nick MacDonald

PO Box 20199

Fredericton, New Brunswick, CANADA

E3B 7A2

Email: i6t4@jupiter.sun.csd.unb.ca

Registration form: (Please print clearly (or use a printer!))

Registration for: ClipBored, Version 1.0 (5.3.94)

\$25 US, \$30 Canadian

First Name:

Last Name:

Company (If appropriate):

Street Address:

City:

Province/State:

Country:

Postal Code:

Phone:

Fax:

Email Address:

Shipping Address (if different than above):

Suggestions or other comments:

What you'll get for registering:

- A profound sense of satisfaction, knowing your software is fully legal!
- A personalized version of the program.
- Technical support (by email and mail).
- All future upgrades for free.
- A chance to direct future upgrades (suggestions always welcome :-)
- A nice letter from me thanking you for your registration.

1.10 Why is this a beta version?

I am releasing this version as beta because, in my humble opinion, its not done yet. I have plans to add some form of a user interface and some additional features. (One, for use with NewEdit, is a "clear string gadget before paste" set of hotkeys.) I'd really appreciate any **comments and feature requests**.

One feature that is ready to go, and should be released with the next version, is the ability to load and save all 11 (or whatever subset) of your clipboard units out to disk. Its one of those features you may not need very often, but I needed it once and

cursed when I didn't have it.. so now I do... almost. Actually there's a **story** there... and it led me to think of other features or seperate programs that I'd like to have... ClipBored was originally stand alone. There is a version included here that is still stand alone. I intend to do the user interface in **MUI**. If there is a demand, I will maintain two seperate versions, and make a gadtools user interface for the non-MUI version.

1.11 Send comments to...

If you have questions, concerns or comments... write to me at:

Nick MacDonald

PO Box 20199

Fredericton, New Brunswick, CANADA

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Email: i6t4@jupiter.sun.csd.unb.ca

I tend to be pretty busy, but I'll get back to you as quickly as

I can. {Bribery helps... *grin*}

1.12 It was a dark and stormy night...

I was concerned about what was The Amiga way to save the clipboards out to disk. I knew a little bit about the structure of IFF files... enough to do some more research. What I wanted was all of the saves to be an IFF file, so that the save could be loaded by any program that dealt with IFF files, and get (at the very least) the first clip in the file. Sounds easy right?

Well, basically it was pretty easy... so fooling around with IFF headers and the like, and soon I had it... The to test... and low and behold, I could not find a single program that could deal with my file... Still can't for that matter! I don't know who's at fault... I've checked, and rechecked, and checked again... As far as I can tell from the RKMs, I am doing all the right things. I used Commodore's SIFT program and it like my file okay.

To make a long story short... as near as I can tell... No one has followed Commodore's guidelines set forth on page 38 of the 3rd edition of the Devices RKM. I quote (in hopes that some programs will start supporting this wonderful idea):

Data on the clipboard is self-identifying. It must be a correct IFF (Interchange File Format) file; the rest of this section refers to IFF concepts. See Appendix A in this manual for a complete description of IFF. If the top-level chunk is of type CAT with an identifier of CLIP, that indicates that the contained chunks are different representations of the same data, in decreasing order of preference in the part of the producer of the clip.

My save routines produce (or at least as far as I can verify) a CAT CLIP IFF file... I have yet to find an application that can select one of the clips from those available in the CAT. I will probably end up writing a separate application to solve this problem...

1.13 MUI

This application uses

MUI - MagicUserInterface

(c) Copyright 1993 by Stefan Stuntz

MUI is a system to generate and maintain graphical user interfaces. With the aid of a preferences program, the user of an application has the ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing lots of examples and more information about registration please look for a file called "muiXXusr.lha" (XX means the latest version number) on your local bulletin boards or on public domain disks.

If you want to register directly, feel free to send

DM 20.- or US\$ 15.-

to

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