

Clip Copy Plus V1.1

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I Introduction

On some of the more modern operating systems it is possible to cut and paste files between windows. With the Apple IIgs finder you had to drag files from one window to another which meant that you needed to have both windows visible on the screen. This is not always ideal due to the limited screen size of the Apple IIgs. Clip Copy Plus (CCP) brings the ability cut and paste files and folder by using keyboard hot keys.

II Installation/Upgrading

Installation:

Clip Copy Plus is a Finder Extra which is install by copying the file ClipCopy to the System:FinderExtras folder of you boot drive. You will need to reboot in order to load CCP.

Upgrading:

If you already have Clip Copy Plus installed you will need to inactivate it before installing the new version. The easiest way to do this is to reset the operating system while holding the Shift key. This will cause none of the system extensions (NDA, CDA, CDEV, Init's, etc) to load. You then can copy the Clip Copy Plus to your system folder and it will be placed in the :System:Finder.Ext: folder. An alternative way to do so is to navigate to the :system:Finder.Ext folder of your boot drive, select the ClipCopyPlus extension, hit OpenApple-I (or select IconInfo from the Special menu), click the "Inactive" checkbox and reboot. You will then be able to follow the instructions in Section II

III Using Clip Copy Plus

CCP allows you to copy (or cut) files/folders from one location to another. In order to do this you must open a folder in the finder. By clicking on a file (or shift clicking on multiple files) you would then type the OA-C (or OA-X for cut). You would then open up the destination folder and hit OA-V. The files would then be copied (or moved) to the destination folder. If the destination folder already contains the source files then you will be allowed to skip, overwrite or rename.

When selecting a single file you need to be sure that you click on the icon and not filename. Clicking on the filename will enable the rename functionality and CCP will not gather the selected icon.

When copying (or cutting) selected icons the screen will display a whoosh inside the source folder. This notifies you that the icons were collected and are ready to be pasted in a different window.

A) Copy

When you have selected 1 or more icons in a window and you execute the "copy" command (through the keyboard or menu item) the selected icons are placed in an internal "copy clipboard" in preparation for a "paste".

B) Cut

When you have selected 1 or more icons in a window and you execute the "cut" command (though the keyboard or menu item) the selected icons are placed in an internal "cut clipboard" and marked as hidden files in preperation for a future "paste"

C) Pasting

When you have previous cut or copied files you may execute the "paste" command. This causes the files to moved or copied to the new window. Files/folders that were previous placed in a "copy clipboard" may be pasted to multiple locations.

D) Undo

If selection of files were previously put in a "cut clipboard" then using the "undo" command will make them visible in the original location. If you exit the Finder the files will be made visible again. If the system unexpectedly crashes then the files be be restored the next time the system boots.

E) Delete

If you select 1 or more icons in a window and use the delete hotkey then the files will be deleted. If you have the option select to confirm file deletions then you may either choose to delete the files, cancel the delete or change the selection of files that are to be deleted. If you do not have the confirm option enabled then the files are deleted immediately. When using the delete feature files are NOT moved into the trash.

F) Copy a file or folder upon itself

If you select a file and copy/paste the file to the same location then CCP will create a duplicate of the file/folder. The duplicate will take the current file name and add a revision number to the filename. Here are some examples:

Original New Name

abcabc.1	(the next time it will be abc.2 and so on)
abc.shkabc.1.shk	
abcdefghijklmnoabcdefghijklm.1	
abc.1	abc.1.1

If a duplicate is found when trying to create a new filename the next revision will be used until a unique filename is found.

G) Copying a file from one location to another

If the destination contains the same filename being copied you will be asked if you wish to skip, rename, or overwrite the file. You may also choose the action on for all additional conflicts.

H) Copying a folder from one location to another

If the destination contains the same folder name as the source you will be asked if you wish to merge, overwrite or skip the folder. If you choose to merge then see the previous section about handling conflicts.

I) Cutting files/folders to the same destination

This is not allowed and will silently fail.

CCP uses internal tables to keep track of files that are cut and pasted. The system clipboard contents are not affected.

IV SideClick Support

CCP now supports Eric Sheppard's SideClick System Extension. SideClick adds contextual menus when control-clicking/Left Clicking on the screen. Visit <http://www.sheppyware.net/apple-ii-software/sideclick.html> for more information on SideClick. SideClick is not required for CCP to function normally.

When in the finder ClickCopyPlus adds the Edit Menu items (Undo, Cut, Copy and Paste) to the SideClick contextual menu. This allows you to activate the CCP functionality from the context menu. As with everything in life there are a few details that you need to be made aware of when using the SideClick contextual menu with CCP.

When selecting multiple files you must not be clicking on an icon when control-clicking to bring up the menu. If you are on an icon then it will only select the single icon that you have clicked on.

After cutting or copying one or more icons and then selecting a folder icon. The contextual menu will now have an additional menu item "Paste Into". This allows you to cut or paste files into the selected folder.

NOTE: There is a bug in the 2.0b2 version of SideClick. If you create a new folder, open the folder and SideClick into the new folder the system will either crash or corrupt the screen memory. In order to work around this you need to close the new folder after opening it and then re-open and it will work as expected. This works because when you close the folder it creates the invisible Finder.Data file so it is no longer "empty" This bug has been reported and hopefully will be fixed soon.

V Configuration

Once installed there will be a new menu item added to the "Extras" menu in the Finder. By selected the new menu item you will be

able to change the way that CCP works.

By default the hot keys to activate the CCP functionality is OA-C (copy), OA-X (cut), OA-V (paste). You may change the modifier to Open Apple /command, option or control. The keys commands can not be changed.

Other configurations include...

Retain Original Creation date: When a file is copied from one location to another you can choose to have the file use the current time/date or to keep the original files time/date.

Enable Delete: By enabling this you can use modifier-BackSpace to delete the currently selected file.

Confirm Before Delete: Before deleting a set of files/folders ask if you really want to delete these files. This is only available if the "Enable Delete" feature is enabled.

Finder Data Files: You can choose what to do by default with Finder.Data and Finder.Root. You can choose to Copy, Do Not Copy or Ask before overwrite. If you choose the Copy option then the files will automatically be overwritten if they exist.

VI Known Issues

If a folder was changed in the same minute as it was previously updated the window contents are not updated. There was a code in the finder that allowed applications to force the update but due to some short sightedness when releasing 6.0.1 the call was made to do nothing since they thought it would always update automatically. In order to fix this the window needs to be closed and then re-opened to update. Changes have been made to make this a little better but not perfect. If someone would re-release the finder with the commented out code then we could remove all this.

VII Change History

Changes since V1.1:

Fixed a bug that would cause the system to hang if you were deleting a file/folder that you didn't have access to. CCP ask you if you wanted change the access. If you answered yes (or all) you might get into a situation where the system would get into an infinite loop.

Changes since v1.0:

- * Added SideClick Support. SideClick is a System Init by Eric Sheppard,

- * Fix a bug where if you were copying from a non-ProDOS file system to the root of a ProDOS file system and the filename was invalid for ProDOS ccp would go into an endless loop and never return. Reset was needed to recover.

- * Fixed a problem where if you did not have write access to a folder and clicked 'All' to enable access and that failed you would get into an endless dialog loop. Reset was needed to recover.

- * SendRequest finderSaysBeforeCopy before each file.

VIII History

I started this project in 1999 but real life took over and it sat. I think I took a look at around 2005 but again, it sat. For some reason (I think I was bored) I cranked up GSPort (my real hardware was long gone, actually I still have the CPU but the disk drives and monitor are gone). and found a folder containing the source code. Once I remember how to build it I found that it was really not that far off from finished. So after almost 20 years since my last Apple IIgs release (Nifty Spell) I am releasing this software as freeware. If you like this software and want to donate you can PayPal me some beer money: chris@vavruska.com. If you don't wish to donate then at least let me know you are enjoying CCP by dropping me an email. At least then I know you had at least read the entire readme file :)

IX Special Thanks

I would like to thank Ewen Wannop. More than once Ewen pointed me in the right direction when I would hit a stumbling block. Without his suggestions and insight CCP would not look or work like it does today.