TIP for AppBar Ver 1.3

In short

TIP for AppBar is "another wastebasket for Windows". The differences between TIP and other wastebaskets are:

TIP for AppBar will only work properly when tied to AppBar (by NEVER*never* Software). This gives the advantage that TIP will only occupy memory when it is actually in use.

TIP for AppBar will (optionally, of course) save both "deleted" files, filenames and directory position. This means you can restore a file *to its original directory* by selecting **Recover**, one of the buttons in the main (dialogue) window, or you can decide which directory a file can be restored to by using the **Set Dir** button.

TIP for AppBar and AppBar co-operates, and AppBar will update the icon for TIP, according to the mode of operation, and the number of recoverable files at any moment.

How to use TIP for AppBar

There is not much to say about deleting files - to delete you drag them from File Manager to the TIP button on AppBar (if you have it installed). You cannot delete directories. You can recover files by clicking the TIP button and be presented with a list of recoverable files. Here you can also set the various options.

To recover a file, either:

- select the file with accompanying directory (or several files) using the mouse on the file list, then press the **Recover** button, or

- double-click on a filename on the file list.

To change a file's directory, select one or several files (up to 512 simultaneously) and click the **Set Dir** button. This presents you with a new window, from which you can select an existing directory. Clicking OK here will update the file list (the files are not recovered until you ask for it).

The options you can set are:

"Delete Options" - whether TIP for AppBar should save the files dropped into it, or if they should simply be deleted.

"Warn Duplicates" - turn on if you want a warning when you try to recover a file that also exists in the original directory. Note that if you delete files from different directories, but with the same filename, you will get no warning, and only the last "deleted" file will be recoverable.

"Directory" - which directory is used as a storage area by TIP for AppBar. You can also create a new directory from here.

Empty TIP does exactly that - the files are lost.

The only file you need to run the program (in addition to AppBar, that is), is:

    TIP.EXE

However, I would recommend you keep this (.WRI) file as well. TIP will create and update its own .INI file in your Windows directory - this is where the options and directory information is stored.

AppBar

AppBar is a NeXT-inspired application launcher written by Geert van Kempen. Without this, TIP would never have existed. Thanks to Geert for writing AppBar.

Error Situations

There are certain situations where TIP for AppBar cannot operate. You can for example delete a file (to TIP for AppBar), remove the original directory and then try to recover the file. TIP for AppBar will then warn you that it cannot recover the file. In this case you should use the Set Dir option to find a new directory for your file before you restore it. You can also try to recover a file to a full disk, in which case you will have an aborted restore operation. In this case TIP for AppBar will delete the partially restored file, but will leave the backup untouched. (A similar situation occurs if your TIP directory is on a near-full disk, and you try to drop something into TIP.) Finally, if you delete or rename the TIP directory, TIP for AppBar will default to the root directory of the current drive.

Programming Notes

To speed up the delete / recover process, whenever possible the program uses the DOS RENAME function (INT 21H, function 56H). I don't think there are any problems calling this interrupt from within Windows, and it certainly makes the file moves swift.

Bugs

Bugger if I know why, but TIP *eats memory!* Every time the program is called a little chunk of this RAM seems to disappear. I thought I had used all the tricks in the book to clean up after me, but maybe there is something I have overlooked with respect to having a Dialogue Box as the main window... One day, maybe..!

Well, there is also a little quirk with the program: if you try to **Set Dir**, or **Recover** more than 512 files, only the first 512 files on the list will be handled; the rest will be ignored. If you think this can be a problem, let me know - I can certainly fix it.. Also, when you handle that many files (either deleting or recovering), nothing seems to happen for a while (at least if you have SmartDrive installed). Don't worry - things *will* happen, albeit slowly.

Development

The wishlist for future development is as follows:

- Add a possibility to delete (sub)directories;
- ?? (Any ideas?)

Freeware

This program is copyright me, but it is free for anyone to use. I don't want any money. But I would appreciate hearing from anyone who finds use for the program, bug reports, hints, ideas etc. And if you give it to someone, please keep this file with it. It contains information that is not given anywhere else. I haven't got a help compiler.

Version History

 V1.0 - July 1992; *delete only. The program was about one pageful.*
 V1.1 - August 1992; *added recover directory.*
 V1.2 - August 1992; *added icon juggling, saving the directory name, recover operation within*

the program.

V1.3 - September 1992; *added DOS rename interrupt, directory change for files. Agreed upon messages to AppBar.*

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