

Overview

- Before you begin, please read the **Basic Definitions** (see the bottom of this document) section.
- Don't forget to read the **Quick Start Guide**.

Cleanup lists, examine and lets you delete items in the RAM that are not associated with any one application on your device; items that DO NOT share a Creator ID with one of the installed applications.

Why do I need Cleanup?

When you launch applications, from the built-in memory or the Expansion Card, they save data (files and settings) onto your device.

This data is used by the application when active, and normally, will be deleted when you delete the application itself.

Each and every application on your device has to have a unique Creator ID which has to be registered with Palm.

Applications, in general, use their Creator ID to tag the data they save. When you choose to delete an application via the normal delete function (or using a 3rd party launcher); the system knows which files and preferences it needs to delete by comparing them to the application's Creator ID.

To sum it all up: The Creator ID uniquely identifies each application including its files and settings.

However, some applications save (hide) items under a different Creator ID than their own; these items will remain on your device, occupying your precious handheld memory for good.

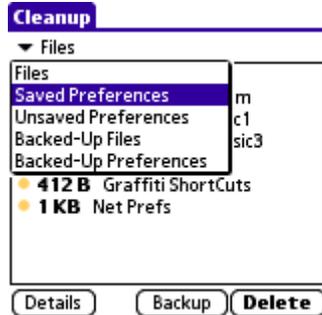
Leftover files and preferences survive hard-resets; the HotSync Manager restores them one by one to your device.

Use Cleanup to get rid of them once and for all, use Uninstall Manager (or Uninstall Hack) to ensure that newly installed applications will be completely removed when they are no longer needed.

See <http://www.northglide.com/ConsumerAlert.htm> for more.

How to Use

As mentioned above; Cleanup lists items in the RAM that are not associated with any one application on your device.



View Selector - Select the desired view:

- **Saved Preferences/Unsaved Preferences**
List of records in the corresponding Preferences Database that are not associated with any application in the RAM or the expansion card.
- **Files**
Select this view to list all available Memory Cards; the RAM (Main Memory Card) and the expansion card.
Under the **Files View** select **Palm** to list files in the RAM that are not associated with any application on your device.
You can also select the expansion card by tapping its label to browse and delete files and directories.

List Items

- Items in the list can be orphans, saved in the RAM by long-forgotten Trialware software you once tried and decided to delete, or items that are needed on your device that simply do not have an associated application.

Before adding an item to the list, Cleanup tries to locate an application (in the RAM or the expansion card) that has the same Creator ID.

If a matching application is not found, the item is added to the list. Then, Cleanup looks for the item in Uninstall Manager's database to see if it was monitored.

If the item could not be found in the database, Cleanup looks for the item's description in the **Signature File**.

List Legend (Tap the **Menu** item >> **Help** >> **Legend**)

● Items monitored by Uninstall Manager (or Uninstall Hack) and are listed underneath one of the applications in its monitored items database file. Monitored items will be deleted when you uninstall their parent application.

● Items listed in the Signature File.
Select one of these items and tap **Details** to see the item's description in the Signature File.

● Items not monitored by Uninstall Manager and are not listed in the Signature File.

List Options**Delete**

Delete selected items (Select items by tapping the bullet ●, ● or ● on the left of each item) off your device.

**Backup**

When deleting items, the **Backup** option guarantees you will never lose important information; since deleted items can ALWAYS be restored.

- Previously backed-up files and preferences are accessible via the View Selector.
- When viewing *Backed-Up Preferences* or *Backed-Up Files*, you can restore them by selecting the desired item and tapping **Restore**.

Note: Backing up files requires a device with an expansion card slot and a card (MemoryStick, SD, etc) with enough free space to copy the file.

Details

Select an item from the list and tap **Details** to see more information and access advanced features.



Details Dialog - Information

- **Creator**
The Creator ID the selected item was saved under. This Creator ID was not found to belong to any application on your device.
- **Type**
For a preferences resource, the Type field will show: **Preferences**, for a database file it will list the file's **Type Attribute**.
- **Signature**
If available, this field shows the item's description from the Signature File.
- **Monitored**
If the item was monitored by Uninstall Manager (or Uninstall Hack), this field will show the application that saved it.

Tap the **Signature** and **Monitored** fields to display the complete text.

Details Dialog - Options

Search

The Search function will help you discover if the item was intentionally saved under a different Creator ID by one of the installed applications.



Please Note: For new applications, use Uninstall Manager. Uninstall Manager makes sure that newly installed applications will be completely removed when they are no longer needed.

Search Options

Speed

Normal, Fast and Faster: Set how many bytes should be skipped when reading an application's code resource to find the Creator ID value: 1 to 4.

There is not a good reason to change the search speed to a different value other than **Normal**.

Search ROM

Search ROM (Read Only Memory) databases.

Search Card

Search for the Creator ID in applications on the expansion card.

- Cleanup will search the default directory (usually **Palm/Launcher**).
- If you're using a 3rd party launcher or an application such as PowerRUN to move applications to custom directories on the expansion card, select the **[+]** button, navigate to the directory you want to include and tap **Add** in the subsequent dialog. To remove directories select the directory from the list and tap the **[-]** button.

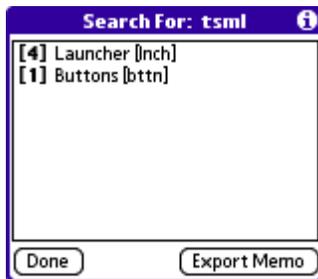
Search Process

Cleanup opens each and every application, then, it searches for the selected item byte value (Creator ID) in its code resources.

Cleanup reads the database "byte by byte" to find the searched value.

When Cleanup finds the value within an application, it will be added to the results page.

Results Page



[Number of times] Application Name [Application Creator ID]

In the results page, Cleanup lists the number of times the searched value has been found next to the application.

The greater the number is, the more likely the item belongs to that application.

- **Export Memo**
Save the results into a Memo Pad record.
- **Warning**
Even if the Creator ID was found in one of the installed applications, it is not possible to conclude it belongs to that application.
When deleting items, always use the Backup option. Then, you can run one of the suspect applications (one of the applications listed on the Results Page), and let Uninstall Manager monitor it. When you are certain you know to which application the item belongs to, you can restore the backed-up item.
The Search Process is not accurate, but it provides the best way to associate unknown items with installed applications.

Safe List

Move the selected item's Creator ID to the Safe List. The Safe List is accessible via the Menu item **My Safe List**

By moving Creator IDs to the Safe List, you can concentrate on the unknown items, the ones you're not sure if you need or not: Cleanup will not list items saved under a Creator ID that appears in the Safe List.

- When moving items to the Safe List, you can write a short description to go with each item. The description is visible when browsing the Safe List.
- You can remove items from the Safe List and make them visible again.

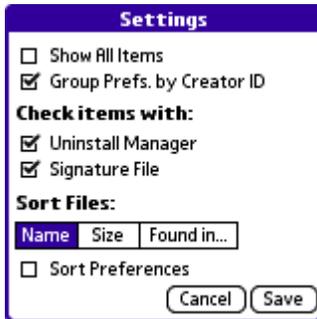
Advanced Users

The following information is intended for advanced users only, and is not required to properly operate the software.

Menu

Settings

Change the program's settings



- **Show All Items**
 - List all item, not just unassociated ones.
- **Group Prefs. by Creator ID**
 - When this option is selected and viewing Saved and Unsaved Preferences; multiple records saved under the same Creator ID will be displayed in groups (the size shown will also be the accumulative size of all records). Groups in the list are marked with "(G)" following the Creator ID.
- **Check items with**
 - **Uninstall Manager**
 - Check if the item was monitored by Uninstall manager (or Uninstall Hack).
 - **Signature File**
 - Check if the item is listed in the Signature File
- **Sort**
 - Sort Preferences
 - By default, the Preferences are listed according to their order in the Saved or Unsaved Preferences database file (new records are at the bottom of the list); Select this option to enable sorting in the Saved and Unsaved Preferences views.
 - *Name*: Sort list items by name
 - *Size*: Sort by size.
 - *Found in*: Sort according to the location the item was found in (Uninstall Manager's database file and items found in the Signature File).

Application Types

Define types that determine if a specific file is an application: A database file creates other databases and saves preferences.

Cleanup tries to locate an application database for every item on your device before adding it to the list.

Normally, you don't need to modify this list, but if you want to hide certain files from Cleanup, you can add the files' type attribute to the Application Types list.

Signature File

The Signature File is a growing collection of known 'hidden' Creator IDs that certain applications use to save their data and of other system components that are not associated with a single application (for instance, the Graffiti Library which is needed by all applications).



Example: The **Signature** field shows that the selected item (a Saved Preferences record with Creator ID: tsml) belongs to the Palm OS; and in this case, the item is needed on your device and should not be deleted. On other occasions, you may see that the item belongs to an old game you didn't like, a Time Management application you once tried, etc.

Help expanding the Signature File:

When you discover (using Uninstall Manager/Hack or a different method) that one of the installed applications saved hidden items on your device, or identified a system file that gets listed by Cleanup; please use the form at: <http://www.northglide.com/sigFileSubmit.html> to send its details and it will be added to the next Signature File release.

The Signature File will expand every update, adding more hidden Creator IDs that can be easily identified.

Download the latest Signature File.

 <http://www.northglide.com/downloads.html#Signature>

Basic Definitions

- **Preferences:** Relatively small pieces of data programs save that later can be easily accessed when needed (much like the Windows® registry). Palm OS programs use preferences to quickly store and retrieve their settings at a later time.

There are two Preferences Databases on your device used to store these records of data:

Saved Preferences : This database is backed-up to the Desktop computer and will be restored to your device after a **Hard Reset**.

Unsaved Preferences : Database is not backed-up and will not be restored. Although the preferences applications save are usually small in size; if you have many preferences records left by old applications (usually remnants from Trialware software that were not completely deleted) it can considerably slow down your Palm Powered handheld.

- **Database Files:** Applications, documents, pictures, music, alarms, etc.
- **RAM:** The Main Memory. When you run applications, they save their data (files and preferences) in the RAM.
- **Creator ID:** All items that are saved onto your device by installed applications include a reference (identifier) to the application that created them: A Creator ID.
- **Items:** Database Files and Preferences.

ALWAYS backup files and preferences before deleting them. If one of your applications loses its settings, you can always restore it back to the way it was.

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