Uninstall Manager - How to use

Overview

Uninstall Manager will make sure that newly installed applications will be completely removed when they are no longer needed.

When you launch applications, from the built-in memory or the Expansion Card, they save data 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 (files, preferences and various settings) on your device. When you choose to delete an application, the system knows which files and preferences it needs to delete by comparing them to the application's Creator ID. However, some applications (intentionally or due to a programming error) save items under a different Creator ID than their own; these items will remain on your device, occupying your precious handheld memory for good. When using Uninstall Manager to remove applications, they will be completely deleted, including items saved under a different Creator ID.

When trying a lot of shareware products; your device may already be cluttered with unneeded files and preferences that are taking up space and may cause problems. To **analyze** and **get rid** of old leftovers that already inhabit your device, use Cleanup v2; to prevent your device from being a victim to future shareware products, use Uninstall Manager.

• Having orphaned items on your handheld not only wastes memory space, but can also considerably slow it down

The following features are supported exclusively by Uninstall Manager and are currently NOT supported by Uninstall Hack

- Uninstall Manager also monitors file installations (when using the HotSync Manager)
- Work in Background - **AVAILABLE WITH THE REGISTERED VERSION**
- Settings Dialog
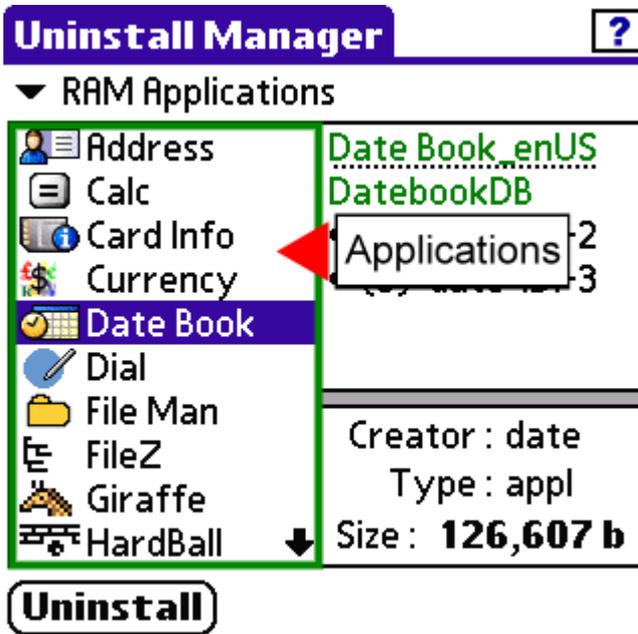- Sandbox - A carefree environment to install new applications

NOTES

- *Uninstall Manager* will only monitor **NEW** applications, that is, Applications installed **AFTER** its installation.
- If you are using *Uninstall Hack*, you have to install a Hack Manager and activate *Uninstall Hack*. For more information about Hacks, please see http://www.northglide.com/uh.htm

How To Use

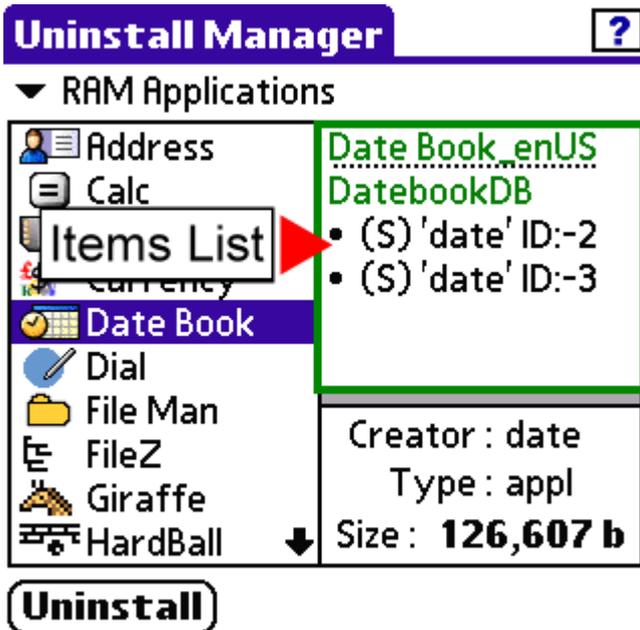When you first launch Uninstall Manager, a list of all applications in the RAM will be displayed.

Applications List

You can scroll the list using the **Page Up** and **Page Down** Hardware buttons, or by using **Graffiti** to write the first letter of the item you wish to jump to.

Selecting an application will display its **associated** and **monitored** items on the **Items List**.

Items List

What are items?

Items can be one of two types:

- **Preferences** are 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: 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** can be applications, documents, pictures, music, alarms, etc.

Items List legend

Green
Database files.

Black
Preferences.

- **(S)** Saved Preferences.
- **(U)** Unsaved Preferences

Example of preferences shown in the Items List:

- **(S) 'test' ID:0**
  This item represents a Saved Preferences record which was saved under the Creator ID of 'test' and ID of 0 (zero).

Files in the **ROM** (read only) are <u>underlined</u>.

Monitored Items in the *Applications* and *Cards* views will be displayed in **Bold** / **Bold**.
If the database file is an application, instead of **Green** it will be displayed in **Purple**.
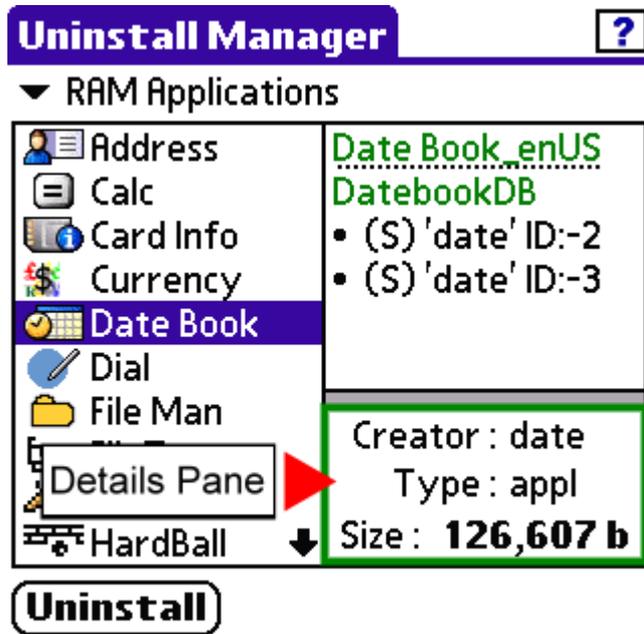
Associated Items

- Items on the RAM that share the application's Creator ID.

Monitored Items

- Items (RAM based) saved by the selected application using a Creator ID different than its own.

Selecting applications or items will display relevant information on the **Details Pane**

Details Pane

The Details Pane presents information about to the selected application or item: Its Creator ID, Type and Size.
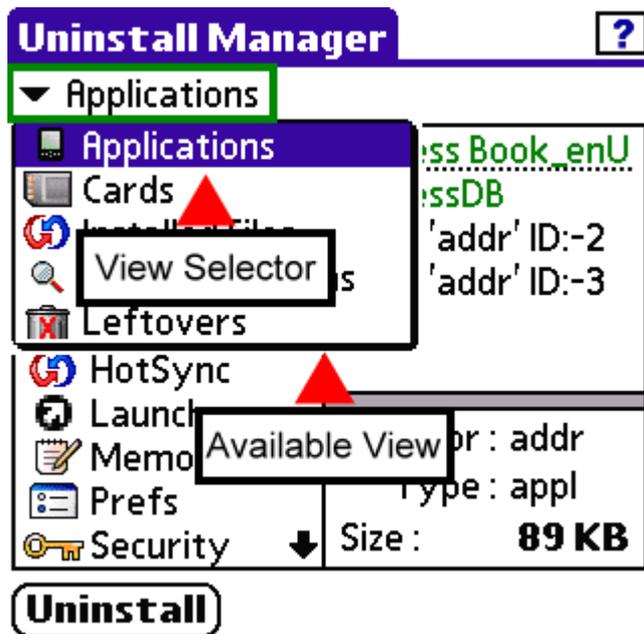
Deleting Applications

To delete applications including associated and monitored items

- Select the application to delete; tap **Uninstall**, then tap **Yes**

To delete a single item

- Select the item from the Items List; tap **Uninstall**, then tap **SELECTED**

View Selector

The view discussed until now was the **Applications** view.

There are 5 available views to select from:

Applications
View all existing applications in the RAM.
Selecting one of the applications will reveal its associated and monitored items.

🖳 Cards

Browse installed memory cards on your device and find out which files on the card are associated with RAM based files and preferences.

By using the Cards view, you can delete files and directories (must be empty) from the expansion card.

Selecting a database file (a typical Palm OS database file, as opposed to regular file such as a JPEG picture), a list of all RAM based items saved under the same Creator ID as that of the file will be displayed.

Selecting an application database (.prc) will display its monitored and associated items on the RAM.

🔴 Installed Files (currently not supported by Uninstall Hack)

Uninstall Manager logs all files you HotSync to your device, may that be new programs, documents, pictures or books.

Selecting this view will display **Groups** of files organized by installation date.

You can later change the group's name to a more descriptive one (e.g. "New games").

🔍 Monitored Items

View **ALL** monitored items:

- 🔍 Applications that saved items under a Creator ID which is different than their own Creator ID.
- 🗑 Leftovers from deleted applications.
- 🔴 Files installed using the HotSync Manager.

🗑 Leftovers

View leftovers from deleted applications.

You can also use the Work in Background option to avoid situations where applications are not completely deleted and leave leftovers.

The **Uninstall** button will change its behavior according to the selected view.
For more information about the different views and their items, select the ? button and tap on the view selector from within Uninstall Manager.

View dependent buttons - These buttons are only shown in the following views:

On the **Installed Files** view: **(Not available in Uninstall Hack)**

- **Rename**
  Tap this button to change the selected group's name from the default name of installation date.
- **Remove**
  Tap this button to remove the selected group from the database.

On the 🔍 **Monitored Items** view:

- **Remove**
  Tap this button to remove the selected item from the database.

Menu

Main

- **Find**
  Find **ALL** items monitored or installed between a specified time period.
- **Export**
  Export the selected item details into a Memo Pad record.

- **Ignore List**
  Select **Items** or **Applications**; tap the **Add** button and enter the Creator ID to ignore.
  When **Applications** is selected: All items saved by the application with the specified Creator ID will be ignored.
  When **Items** is selected: Items saved under the specified Creator ID will be ignored.
- **Clear Database**
  Delete all monitored application records from the database file.
  Note: Monitored data will be lost.
- **Soft Reset**
  Soft-Reset your device.
  Note: A soft-reset may be needed after uninstallations to remove Memory Features.

Options

- **Toggle Icons**
  Toggle displaying of application icons on the Applications List ON or OFF.
- **Default Settings**
  Revert all settings to default values.

- **Settings** (Not available in Uninstall Hack)
  Settings Dialog

Enabled
When this option is selected, Uninstall Manager will monitor applications for writing preferences and files under a different Creator ID.
It is highly recommended keeping this option checked

Sandbox
Keep applications away from your device before you decide to keep them.
When using the Sandbox mode to install a new application, you can quickly evaluate and completely remove it if you choose to.
When you download a NEW program via the HotSync manager, Uninstall Manager will ask you if you wish to open it inside a Sandbox.
If you choose Yes, the program will be launched.
When you finish evaluating the program, tap the 'Home' icon; Uninstall Manager will list files installed alongside the program, as well as files created when it was running.
You will then be able to completely uninstall the program or keep it on your device.
Auto / **Manual**:
Auto: The installed application will be automatically launched inside the Sandbox once the HotSync process is complete.
Manual: Running the application inside the Sandbox will require confirmation.

Sandbox Notes:
- When deleting a program from within the Sandbox dialog; in addition to its associated files, ALL preferences/settings saved by the application will be deleted.
- The Sandbox will not work when upgrading to a newer version of an already installed application.
- The Sandbox will only be available if you install a SINGLE application at a time, or in case you install several applications, but one of them was not monitored by Uninstall Manager.
- You can install several files at once, but not more than one application when you want to use the Sandbox mode.

Sandbox Dialog - Will appear after you exit from an application that was running inside a Sandbox:

Dialog Options:
Return: Keep using the Sandbox and return to the application. Next time you exit the application, you will return to this dialog.
Quit: Exit the Sandbox mode and return to the application. Choose **Quit** if you want to keep the application on your device.
Delete: Delete ALL Files and Preferences saved by the application, as well as any additional files that might have been installed alongside it.

Work in Background - AVAILABLE WITH THE REGISTERED VERSION
Automatically delete monitored items when deleting applications.
When this option is selected, you can keep deleting applications from your default application launcher and still make sure your device stays clean. Whenever you normally delete an application, Uninstall Manager will be called, and will prompt you if you wish to delete all monitored items that belong to this application. When *Work in Background* is enabled, you don't have to use Uninstall Manager itself to completely uninstall applications.
Note: If you want to delete a single monitored item, you have to use the program itself.

Definitions:

- **Creator ID:** All items that are saved onto your device include a reference to the application that created them: A Creator ID. Each application has to have a unique Creator ID. When you choose to delete an application; the Palm OS deletes all items that share the Creator ID with this application. Some applications, intentionally or by a programmer's error, save items which cannot be associated with the application; these items will not be deleted when you delete the application. The Creator ID is a **four-byte** value.

- **VFS NOTE:** When searching for applications that save items under a different Creator ID than their own, Uninstall Manager will try to find the application in the RAM or under the default application directory (usually: '/Palm/Launcher') in the expansion card. If you move applications from the RAM to a custom path on the expansion card, Uninstall Manager will not find the application and will list its monitored items as orphans. This will also interfere with the Work in Background feature: When the application is moved from the RAM to CARD (to a custom path), Uninstall Manager will ask you whether you want to remove its monitored items or not.
  NOTE: This does not affect the way Uninstall Manager handles applications moved to the Expansion Card using PowerRUN or similar applications. PowerRUN creates shortcuts and Uninstall Manager treats these shortcuts as normal applications. When you delete applications moved to the expansion card using PowerRUN; the application's monitored and associated items will be deleted, but the application itself will not be deleted form the card. Use PowerRUN to delete the application itself after deleting its items with Uninstall Manager (you can also use the Cards view to delete it).

- **RAM**: The RAM is your handheld's Main Memory - Where all your programs store their settings and files. When you launch applications that are located on the expansion card, the application will first be copied into the RAM and when you exit from it (back to your default launcher) it will be deleted from the RAM, leaving its files and settings behind for the next time it is launched.

- **FEATURES:** A Memory Feature is a special block of memory that can be used by the application until it has been explicitly unregistered (deleted) by the application, or has been deleted by the OS after a soft-reset.

- **Type:** A **four-byte** value that represents the database file's type. For instance, if a database file is launchable (can be launched by the Application Launcher), its Type attribute will be 'appl'. On the Details Pane Preferences Resources will have 'pref' as the Type attribute.

For further help, tap the **?** button on the right upper corner of the screen and select a command or a menu item for more information.

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