

# FileZ

## User Manual

Copyright © 2003 nosleep software. All rights reserved.  
[www.nosleep.net](http://www.nosleep.net)

**1**

(revision 5.2, 1/6/2003)  
copyright 2003 nosleep software

## Table of Contents

Introduction .....	3
How To Use .....	4
Frequently Asked Questions .....	7
For Developers .....	10
Revision History .....	11
Disclaimer .....	13

## Introduction

### Description

Thank you for downloading Filez, nosleep software's PalmOS file manager. It was originally written just for development purposes, but it has been released as freeware for anyone who might find it useful. Be sure to visit [www.nosleep.net](http://www.nosleep.net) for updates, news, and other cool software.

This software is freeware, so feel free to distribute it! Also, we will be releasing updated versions regularly, so be sure to email us your suggestions.

### Features

- Full File Listing – Filez displays all the files on your device, including the files on removable memory cards.
- Filter Support – Filter the file list so that it displays just what you want it to.
- Full File Details – Support to change any attribute of a file.
- External Memory Card Support – Support for Secure Digital (SD), Compact Flash (CF), and Sony Memory Stick cards. Includes MemPlug-based cards.

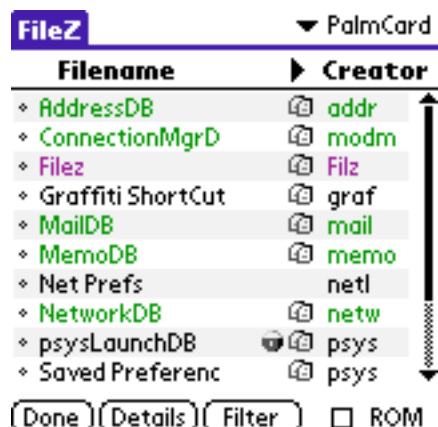
### Contact Information

Please contact us if you encounter any problems with the software, or if you have any suggestions on how to improve it. You can do so at <http://www.nosleep.net>

### System Requirements

Handheld running PalmOS 3.0 or higher with about 140k of available memory.

## How to Use



When you run FileZ, you are presented with a list of all the files on your the main memory card of your device. Use the scrollbar on the screen or the up/down buttons on the device to navigate the list. To get more detailed information on a file, just tap its name and then tap the “Details” button to bring up the file details screen. You can select which memory card you want to view by tapping on the list in the upper-right corner.

To sort the list, tap on the column name. To change what the 2nd column shows, tap on the arrow and select “Creator”, “Type”, “Size”, “Rec Count”, “Attribute”, or “Date”. Some file types are colored to easily see them.



Tap the “Filter” button to filter the list by filename, creator, type, size, record count, or attribute.

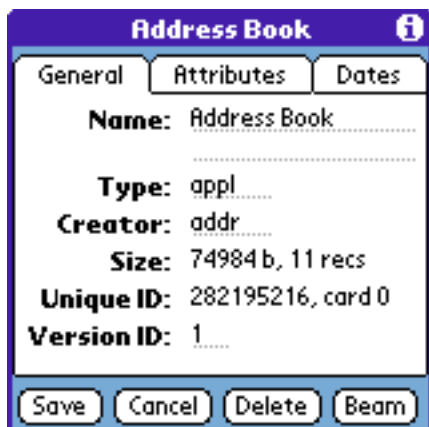
You may also export the list of files to the Memo Pad application by tapping on the menu button, selecting “Options”, and selecting “Send List to Memo”.

## When viewing an internal memory card

- computer chip icon: it's a ROM file
- lock icon: the file is copy-protected and cannot be beamed via IR
- double-document icon: the file has the backup bit set

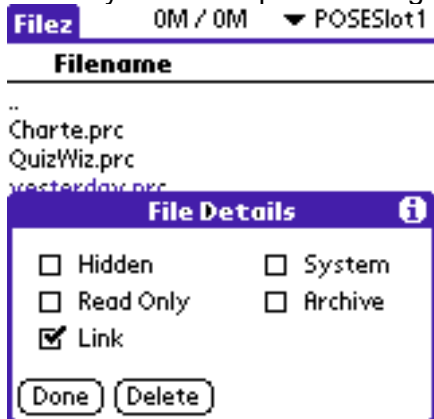
When showing attributes: r – resource DB, o – read only, a – app info dirty, i – ok to install newer, e – reset after install, s – stream, p – open db

From the details screen, you may modify a file (prc or pdb), delete a file, or beam a file. Deleting a file is permanent, so be careful. ROM-based files cannot be modified or deleted. If you do not know what one of these attributes does, you should not change it.



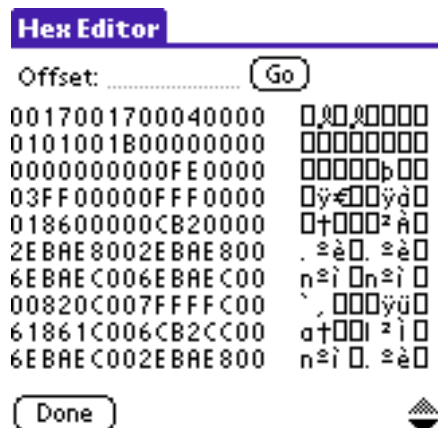
## When viewing an external memory card

You will see the filename of the current folder on the left. Directory names will have a slash "/" immediately after them to designate them as such. To change the current directory, just tap the directory name. Tap the ".." to go up one directory. All attributes are currently read-only.



Note: Only a subset of the features available for RAM cards are currently available for VFS-based cards. More features are coming for the VFS-based cards.

## Editing Files



You can edit files using the built-in hex editor by tapping on a file and choosing “Edit” from the menu. WARNING: editing files can permanently damage files. Only edit files if you know exactly what you are doing.

## Information



You can view memory card, battery, and Hotsync information about your device by tapping on the “Information” button on the main menu.

## View Preferences

Palm applications typically save a small amount of information in a special system file. This is usually information about the user’s preferences for an application (for example, whether a list is sorted in alphabetical or reverse-alphabetical order). The format for this information is application-defined, so it can only be viewed as raw bytes. DO NOT delete any preference records unless you know exactly what you are doing.

## Frequently Asked Questions

### How do I move or copy files?

To move or copy a file, just select the files to move or copy, tap the Menu button, select the File menu, and then select Move or Copy. You can perform the following moves/copies:

From	To
Internal memory	SD/MMC/Memory Stick
SD/MMC/Memory Stick	Internal memory
SD/MMC/Memory Stick	SD/MMC/Memory Stick
MemPlug	MemPlug

Note: Copying/moving between the Internal memory and a MemPlug is not supported by the MemPlug cards. We are looking into the issue with PiDirect.

### How do I backup files?

Note that FileZ is not designed to be a backup tool. There are many other programs designed specifically for the purpose of backing up. But, you can mark files so that they will be backed up the next time you sync. This basically means that when you sync, a copy of the file will be made on your desktop computer (in the user's Backup folder). Then, if that file is ever missing from your handheld (from a hard reset or if you delete it) then the next time you sync it will be restored onto your handheld. Please note that once you mark a file to backup, the only way to prevent it from being copied back to your handheld in the future is to delete the file from the Backup folder on your desktop. Simply unmarking it will not prevent it from being restored to your handheld in the future.

To mark a file to be backed up, just select a file, tap the Details button, tap the Attributes tab, and check the Backup box.

### How do I beam files?

You can beam files in two ways. You can either tap a file and then tap the Details button, and then tap the Beam button. Or, you can tap a file, tap the Menu button, select the File menu, and select Beam.

### How do I edit files?

FileZ allows database files located on the internal memory card to be directly edited. This is a byte-level editing ability. It is not a replacement for a text editor. Unless you know exactly what you are doing, editing files using FileZ's hex editor will destroy files. Therefore, only use this feature if you know exactly what you are doing. Currently FileZ only allows for editing database (record) files and not application (resource) files, although we will probably add this functionality in the future.

You can edit files by tapping the Menu button, selecting the File menu, and then selecting Edit while in the File List view.

## What do the colors mean?

The various colors of the files is determined by the type of file. Here are the assignments:

Creator ID	Color
appl	purple
panl	blue
data	green
libr	olive

## I don't see my external memory card in the list when I want to copy or move a file?

Each external memory card (Secure Digital/Multimedia Card/Compact Flash/Memory Stick) has a name called a "label" or "volume label". If you do not see your card appear in the list when copying/moving, please be sure your card has its label set. You can do so by using a utility program that came with your handheld (which program depends on which card/handheld you have).

## Why did the size of FileZ increase so much after version 5?

The Hi-res feature of Palm OS 5 requires that applications use much higher-resolution graphics, and hence, the graphics themselves are much larger and results in a larger .prc file.

## Why do I get an error when attempting to view the list of files on the Palmcard or on an external memory card?

FileZ loads a good deal of information about each file while it is loading (when you see the progress bar) to allow for filtering, etc. During this process, FileZ performs all the checks that it can to ensure that the information about each file is loaded properly. If a file becomes corrupt, the Palm OS system call that opens a file may fail and result in a fatal error during the loading process. Since it is a Palm OS call that is failing, there is no way for FileZ to prevent the fatal error. In this case, FileZ cannot be used unless the corrupted file is removed or fixed. We may add support in the future to detect and/or fix problematic files, but currently FileZ does not do so.

## Can we expect to see support for Sony's or Handera's high resolution screens?

Palm OS 5 now has built-in hi-res support, and these manufacturers seem to be switching over to use it rather than their own proprietary methods, we plan to only support Palm OS 5's hi-res.



## For Developers

Here is a description of what the attributes mean. Once again, only change these if you know what you are doing:

<b>Internal Card</b>	
App Info Dirty	The application info block is dirty (has been modified since the last sync).
Backup DB	The database should be backed up to the desktop computer if no application-specific conduit is available.
Copy Protect	Prevents the database from being beamed to another handheld using the built-in beaming application.
OK Install Newer	The backup conduit can install a newer version of this database with a different name if the current database is open. This mechanism is used to update the Graffiti Shortcuts database, for example.
Read Only	The database cannot be modified.
Resource DB	The database contains resources, not just data records.
Reset After Install	The device must be reset after this database is installed. That is, the HotSync application forces a reset after installing this database.
Stream	The database is a file stream.
Hidden	The application does not appear in the application list.
Launchable Data	This database (not application) contains launchable data.
<b>External Cards</b>	
Hidden	This file does not appear in the launcher.
Read Only	This file is cannot be modified.
Link	This file is a link to another file.
System	This is a system file.
Archive	This is an archive file.

## Revision History

### **Version 5.2** (1/6/03)

#### Bugs fixes:

- fixed bug in file editor when attempting to edit deleted records
- fixed a display bug in the hotsync info tab
- fixed beeping bug when scrolling the file list

#### Enhancements:

- added a preference editor

### **Version 5.1.1** (12/29/02)

#### Bugs fixes:

- fixed bug in copying/moving files

### **Version 5.1** (12/27/02)

#### Bugs fixes:

- fixed filter bug in vfs file listings
- fixed the card list when copying/moving

#### Enhancements:

- updated the menu screen
- integrated the memory/hotsync/battery info into a single, tabbed form
- directory rename
- vfs file rename
- longer filename display in file detail screens
- palmos 5.0 high resolution graphics
- jogdial support
- rename file/directory support

### **Version 5.04** (9/13/02)

#### Bug Fixes:

- list Menu bug
- file selection bug
- others...

#### Enhancements:

- secondary PalmCard support

### **Version 5.0 Preview** (9/3/02)

#### Enhancements:

- MemPlug support
- beam from VFS to Internal card
- view/sort by create/backup/mod date in list view

### **Version 5.0 Beta** (8/10/02)

#### Enhancements:

- multiple file delete/copy/move
- substantially rewritten

### **Version 4.0.1** (1/21/02)

Bugs fixed:

- fixed last-byte-missing in hex editor
- fixed some hex chars being displayed incorrectly
- allows any character as input in the hex editor

#### **Version 4.0 Final** (1/15/02)

Enhancements:

- ability to edit files via a hex editor
- mem card to mem card file copying
- detailed memory card info available
- details hotsync info available

#### **Version 3.01** (16 June 2001)

Enhancements:

- fixes for the VFS support

#### **Version 3.0 Beta** (28 May 2001)

Enhancements:

- support for memory cards (SD, CF, etc)
- faster refresh after a file delete
- much faster filtering

#### **Version 2.7** (4 May 2001)

Enhancements:

- second column can now also show record count and attributes
- can filter by record count and by attributes
- file dates can be set to "Never" and are handled more cleanly
- cooler progress bar while loading
- command bar support ( >= OS 3.5)

#### **Version 2.6** (30 March 2001)

Enhancements:

- smarter list scrolling / selecting
- way cool progress bar when loading
- new system info screen (via menu)
- new menu options to set/unset all files' backup and copy-protect bits
- improved memory display in list view; now shows used/available (%available)

#### **Version 2.5** (20 March 2001) (version 2.4 not released)

Enhancements:

- much cooler file details screen and color support in the file listing
- can edit the create/modify/backup date/times for files
- can edit the version id of a file

#### **Version 2.3** (13 February 2001)

Enhancements:

- faster loading of the list view
- 2nd column now settable to creator/type/size
- filter support added (thanks z'cat)
- free memory display in list view
- new hide rom files option

- memo pad export exports more info
- shortcut strokes recognized in list view
- added support for external files
- no separate developers version anymore

#### **Version 2.2** (18 January 2001)

##### Enhancements:

- new backup icon in list view
- list now sorted by tapping on column names
- all attributes now supported
- record count and file size now included in file details
- scrollbar in list view & faster list drawing
- color support for icons in list view

#### **Version 2.1** (25 November 2000)

##### Enhancements:

- various sorting capabilities added
- icons to indicate attributes in main list
- export list to memo pad application capability

##### Bugs Fixed:

- read-only setting

#### **Version 2.0** (3 October 2000)

##### Enhancements:

- details screen with ability to modify file flags

#### **Version 1.1** (14 april 2000)

##### Enhancements:

- support for the hardware scroll buttons

#### **Version 1.0** (8 april 2000)

- Initial Release.

## Disclaimer

Despite our best efforts, bugs sometimes find their way into our software (and tell us if you find any!) and sometimes you can do things that you don't intend to that can mess things up, so therefore we cannot take any responsibility for any loss of data or the like that may occur. This software is provided "as-is" without any warranties expressed or implied and by downloading the software the user agrees with this and uses the software at their own risk.