# McFile

## - User Guide -

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English translation : JP Mijares

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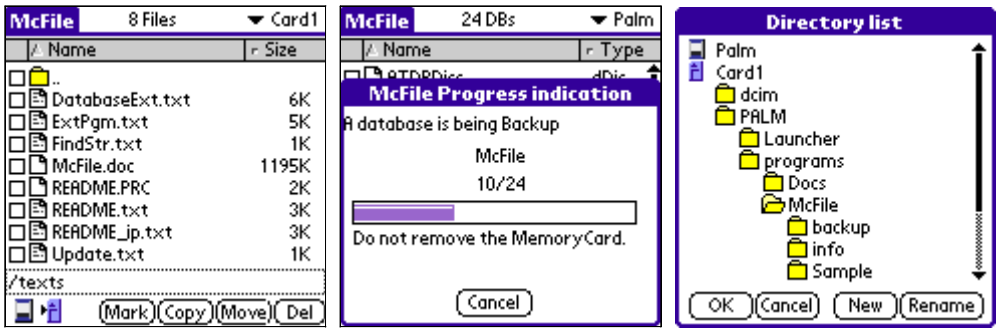
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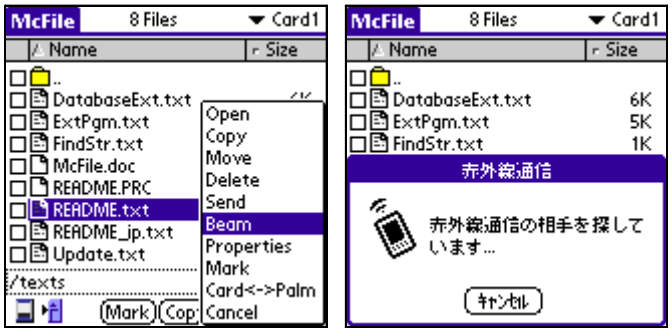
# 1.Introduction

McFile is an application that allows one to perform operations on files contained on either a PalmOS device or on memory cards used with the device. Aside from basic functions such as copying files and moving files, by creating associations with other applications, viewing of text or DOC files, creating mail attachments, etc. is possible.

- File operations
  Basic operations such as copying, moving and erasing files on a memory card are possible. As with file managers used on a PC, one can select folders as well, so erasing unnecessary folders trees etc., is easily possible.

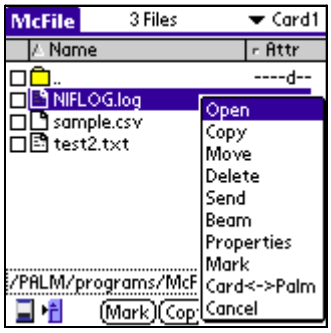


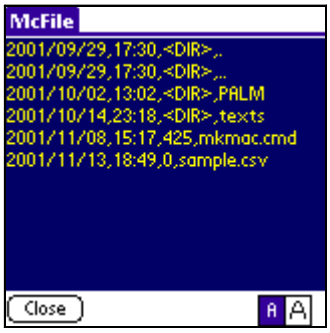

- Beaming&Bluetooth
  Aside from the usual sending and receiving of databases and files using the infrared port(or Bluetooth), it is possible to work with files contained within the memory card as well. Beaming of files on the memory card is not restricted to any particular file types, so files other than prc/pdb types can be used as well.




In addition, please refer to the item of Bluetooth about Bluetooth apparatus supported.

- Application Associations
  By creating associations with applications that contain interfaces for external links, it is possible to "Open" or "Send" a file. "Text Viewer" and "Mail Attach" settings are included as examples

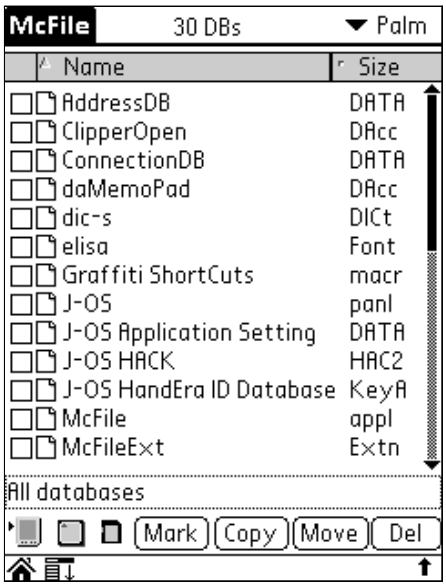


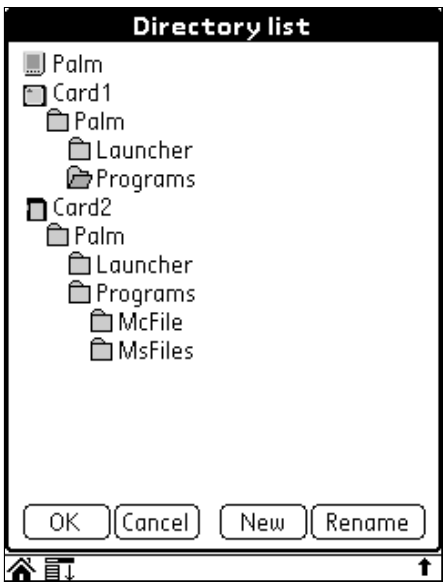




- Jog Compatibility
  McFile is compatible with the Jog Dial / Jog Wheel installed in various models. It is possible to do file operations with the file list as well as work with popup menus using only the Jog function. Furthermore, by using PowerJOG (by Yamada Tatsushi) with a CLIE, it is possible to do almost everything with only the Jog function.

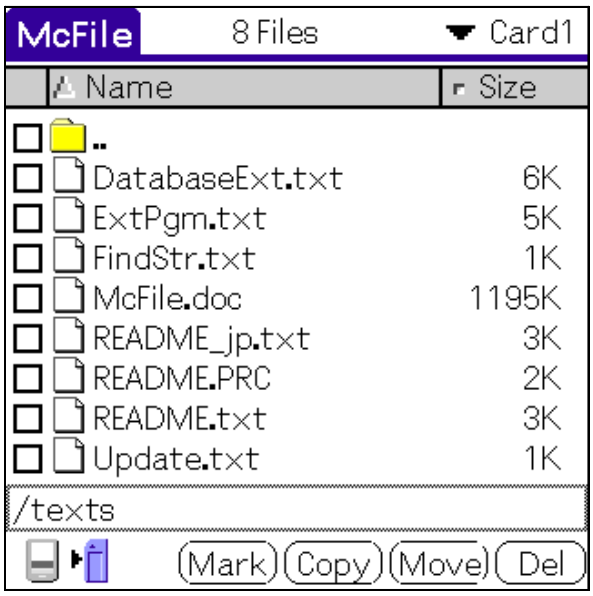
- Hi-Res Compatibility
  McFile is compatible with the high resolutions obtainable with various models. Display mode is detected and changed automatically.

HandEra330

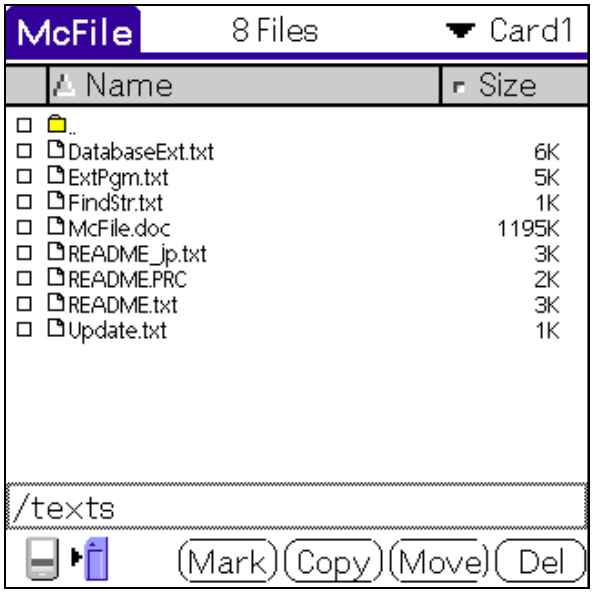


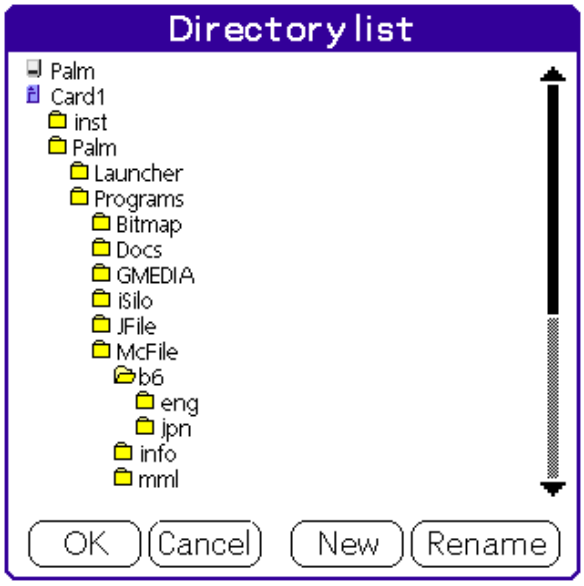



CLIE


McFile
8 Files
Card1
Name
Size
..
DatabaseExt.txt 6K
ExtPgm.txt 5K
FindStr.txt 1K
McFile.doc 1195K
README_jp.txt 3K
README.PRC 2K
README.txt 3K
Update.txt 1K
/texts
Mark
Copy
Move
Del


Directory list
Palm
Card1
inst
Palm
Launcher
Programs
Bitmap
Docs
GMEDIA
iSilo
JFile
OK
Cancel
New
Rename


McFile
8 Files
Card1
Name
Size
..
DatabaseExt.txt 6K
ExtPgm.txt 5K
FindStr.txt 1K
McFile.doc 1195K
README_jp.txt 3K
README.PRC 2K
README.txt 3K
Update.txt 1K
/texts
Mark
Copy
Move
Del


Directory list
Palm
Card1
inst
Palm
Launcher
Programs
Bitmap
Docs
GMEDIA
iSilo
JFile
McFile
b6
eng
jpn
info
mml
OK
Cancel
New
Rename

## 2.About the Demo Version

The programs in this package are being made available as shareware for $12.00. While unregistered, the program will be a demo version, with the following restrictions:

- McFile and McTransfer
  The time during which these programs may be used is limited to 30 days after either one of these is first installed in the PalmOS device. When starting the programs, a message indicating the run time and time limit will be displayed.
- Other programs
  There are no restrictions.

To continue using the program, please send payments through Handango.
-> http://www.handango.com/

Upon payment, the registration key will be made available for download. Upon installing this key in the PalmOS device, program restrictions will be removed.

Registration status can be viewed in the McFile and McTransfer "About" screen.

## 3.Legal Issues

- All rights for the programs contained within this package belong to the McFile developer (Imazeki Hiroaki, imazeki@jade.dti.ne.jp)
- The programs contained within this package are to be distributed as shareware.
- The developer bears no responsibility for any losses incurred with any use or non-use of the programs contained within this package. Furthermore, the developer may not be required to resolve any issues that may surface.
- Send bug reports and requests to the developer by email
- It is prohibited to alter anything in the PRC file.
- Consult beforehand with the developer before distributing the programs contained in this package.
- Except for articles to be used in magazines, consult beforehand with the developer before writing about this software.

## 4.Notes on Use

- Installation is possible on a PalmOS device with OS version 3.5 and above
- A VFS manager is required to work with various memory cards.
- To work with files and directories with 2-byte characters (e.g. Japanese characters) in their names, the VFS manager should support 2-byte characters. For the SpringModule for Visor, the original driver (not making use of a VFS) supported these characters, but the driver supporting a VFS does not contain support. In this case, McFile will not be able to handle 2-byte characters.
- While not absolutely necessary, it is advisable to install the various updates (in particular those for the VFS) from the manufacturer
- An interface to allow almost all operations in conjunction with PowerJOG (by Yamada Tatsushi) is incorporated
- Installation of the Wave Sound Manager (by Nagamatsu, URL: http://www.geocities.com/nagamatu) is needed for playing Wav files.
  (refer to the document of WaveSoundManager for OS supported)

## 5.Installation

Install the necessary files onto the PalmOS device through a HotSync (please refer to the table below). In case of doubt, install all files contained within the /Basic(Eng) and /Opt folders.

| Folder | Filename | Description |
|---|---|---|
| Basic(Eng) | McFileEng.prc | Main program, installation is required |
| | McTextEng.prc | Text file viewer program |
| | McMailEng.prc | Program to attach a file using the standard mailer |
| | McShortcut.prc | Program which launch shortcut. |
| | McFileExt.pdb | Sample setting file for file associations |
| | McFileSend.pdb | Sample setting file for send file associations |
| | McFileExtDB.pdb | Sample setting file for database associations |
| Basic(Jpn) | McFile.prc | Main program, installation is required(Japanese) |
| | McText.prc | Text file viewer program(Japanese) |
| | McMail.prc | Program to attach a file using the standard mailer(Japanese) |
| | McShortcutEng.prc | Program which launch shortcut.(Japanese) |
| | McFileExt.pdb | Sample setting file for file associations(Japanese) |
| | McFileSend.pdb | Sample setting file for send file associations (Japanese) |
| | McFileExtDB.pdb | Sample setting file for database associations (Japanese) |
| Opt | daMemoPad.prc | Program to import files into a memo.(is common to the Japanese version and the English version.) |
| | ClipperOpen.prc | Program to open URLs.(is common to the Japanese version and the English version.) |
| | McTransfer.zip | An OS4.0 tool to support transferring files into the memory card during a HotSync. For details, please refer to the readme_eng.txt file included in McTransfer.zip (common for both Japanese and English versions) |

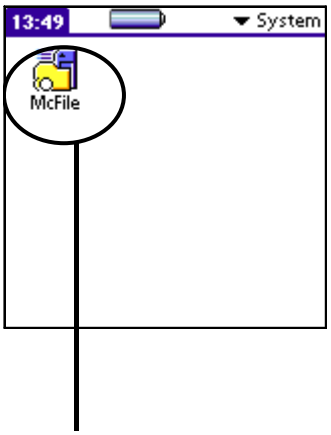
In addition, although the overwrite introduction from a former version is possible, be careful of the following points.

- Overwrite of sample setting files, such as McFileExt.pdb, initializes various setup. Please do not introduce a sample setup to initialize a setup.
- When the English version is overwritten at Japanese(or the contrary), a popup menu item is displayed in a former language (or customized state). When you change the notation, please edit by "menu item edit" of a setting menu.

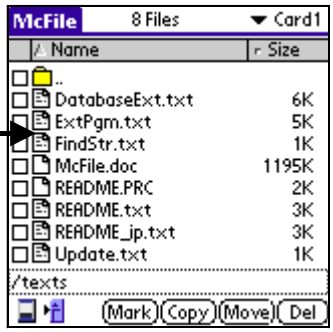
# 6.Basic Usage

## 6-1.Starting McFile

After installing McFileEng.prc, press the home button to show the home screen. Upon tapping the McFile icon, the program will start and show a list of files and databases

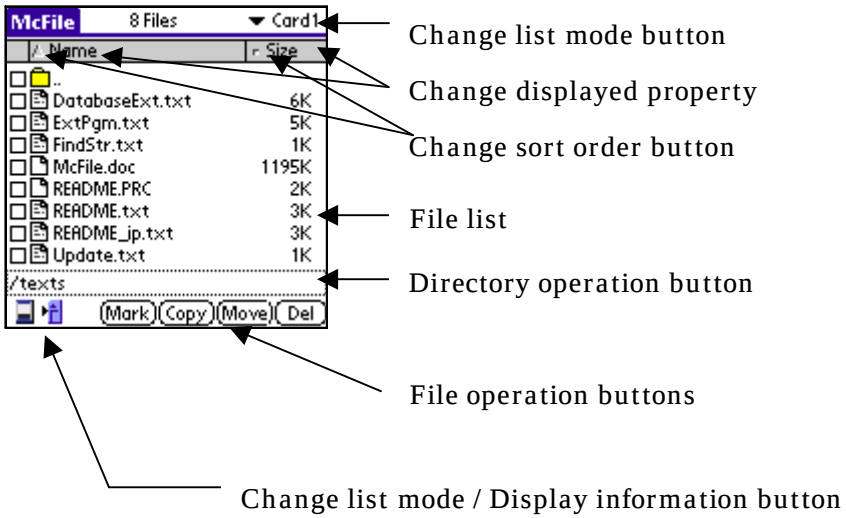



Upon tapping the icon, McFile will start up.



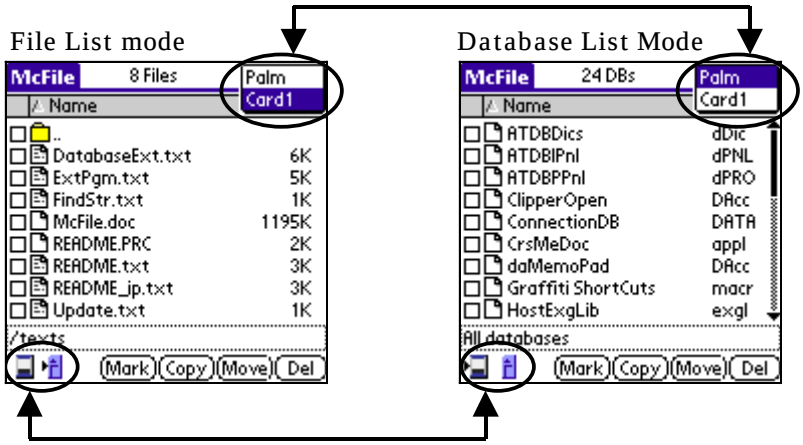
## 6-2.Main Menu

The normal display used by McFile is shown in the image below. An explanation of the various items is shown as well.




## 6-3.Changing List Mode

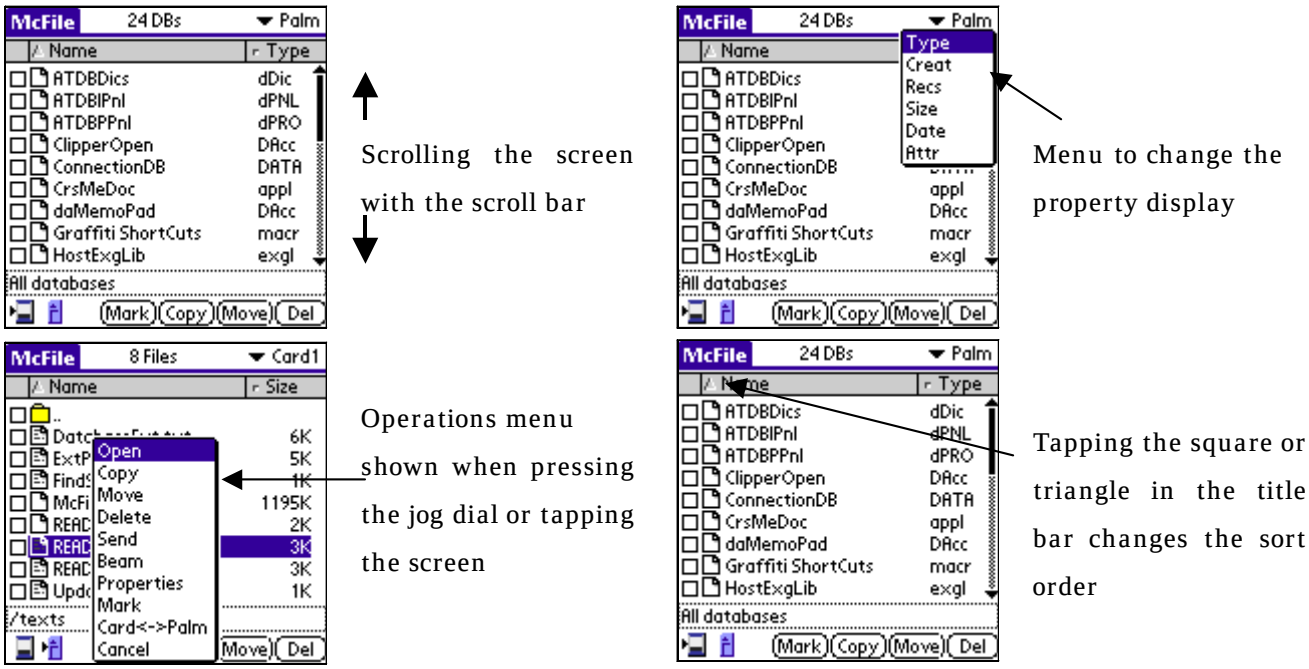
The files available on a memory card as well as the databases contained in the Palm device can be viewed in a list format, and operations may be done upon these by McFile. By tapping the popup trigger in the upper right of the screen or the icon in the lower left of the screen it is possible to change between the memory card file list mode and the Palm device database list mode. Furthermore, the list mode will change if the memory card is removed while in the file list mode.



## 6-4.Operations in List Mode

It is possible to scroll the screen by pressing the up/down key or by using the scroll bar. By rotating the jog dial, a ruler line will appear and by moving this line, it is possible to scroll as well.

When displaying the contents of the memory card, it is possible to move to a new directory (identified by a folder icon on the left) by tapping it or by selecting it with the jog dial. By checking the boxes at the left of the list, it is possible to mark files or databases as a group to work upon. It is also possible to create select multiple check boxes on one screen by dragging. All check boxes may be selected by tapping the "Mark" button. By tapping the title bars of the list, it is possible to change the file or database property displayed, or change the sort order of the display.

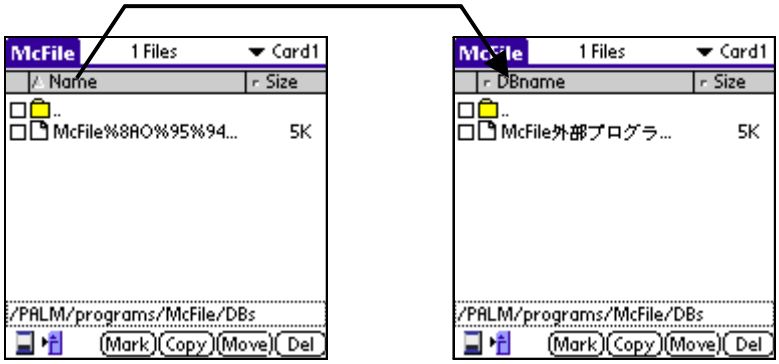



The following properties can be displayed:

-File List mode

Left title bar

| | |
|---|---|
| name | A file name is displayed. |
| DBname | PalmOS database name is displayed. |



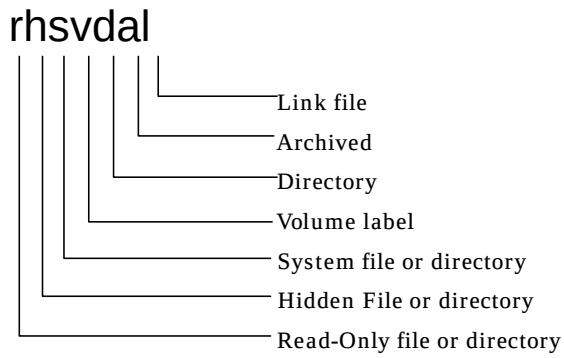

The example when changing a name and DB name. If it is made DB name, it will become the name used on Palm.

Right title bar

Size : file size is displayed in KB

Date : file alteration date is displayed in mm/dd format

Attr : file attribute bits are displayed as below:



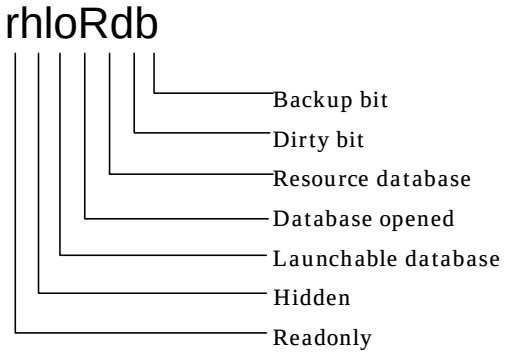
-Database List mode

Left tab

| | |
|---|---|
| name | PalmOS database name is displayed. |
| DBname | Since there is no file name, it is same as the above. |

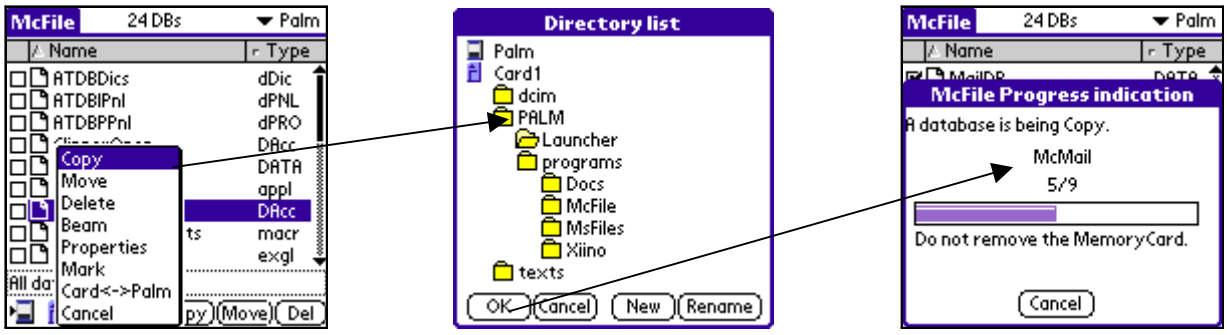
Right tab

Type : database type is displayed
Creat : database creator is displayed
Recs : number of records contained in the database is displayed
Size : database size is displayed in KB
Date : database alteration date is displayed in mm/dd format
Attr : file attribute bits are displayed as below



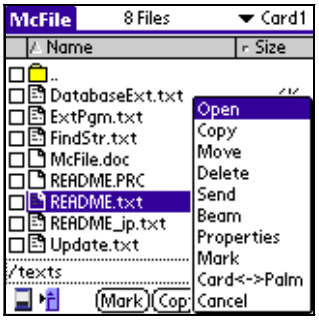
## 6-5.Operations on Files and Databases

When selecting a file or database from the list, a file operation menu will appear based on the screen and selected file. From this menu, "Copy", "Move" and similar operations can be selected. The file operation buttons at the bottom of the screen may also be used likewise. In particular, copying whole directories may be best done with these buttons.



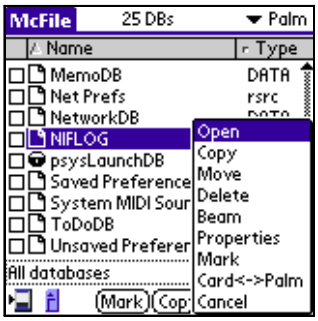

The file operation menu default setting is described below, but this may be customized. Refer to the section on menu item editing for details.

**File list display**



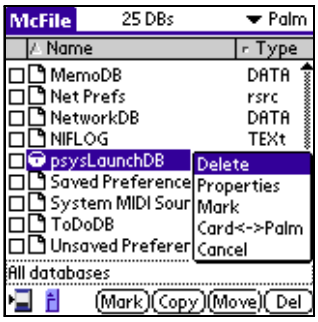

| | |
|---|---|
| Open | Displayed if the file extension is associated with an application. The file is opened by means of the associated application. |
| Copy | Copy file to main unit or to a different directory |
| Move | Move file to main unit or to a different directory |
| Delete | Delete file |
| Send | Displays the list of defined send targets. The file is sent to the respective program. |
| Properties | Change file name or properties |
| Mark | Mark/Unmark selected file for operations |
| Card<->Palm | Switch between file list mode and database list mode |
| Cancel | Close the file operation menu |

**Database list display**




| | |
|---|---|
| Open | Displayed if the database extension is associated with an application. The database is opened by means of the associated application. |
| Copy | Copy database to a directory on the memory card |
| Move | Move database to a directory on the memory card |
| Delete | Delete database |
| Properties | Change database name or properties |
| Mark | Mark/Unmark selected database for operations |
| Card<->Palm | Switch between file list mode and database list mode |
| Cancel | Close the file operation menu |

**Database list display (icon is shown with a lock)**




| | |
|---|---|
| Delete | Delete database |
| Properties | Change database name or properties |
| Mark | Mark/Unmark selected database for operations |
| Card<->Palm | Switch between file list mode and database list mode |
| Cancel | Close the file operation menu |

By using the checkboxes at the left of the list and buttons at the bottom of the screen, several files or databases can be grouped together for an operation.

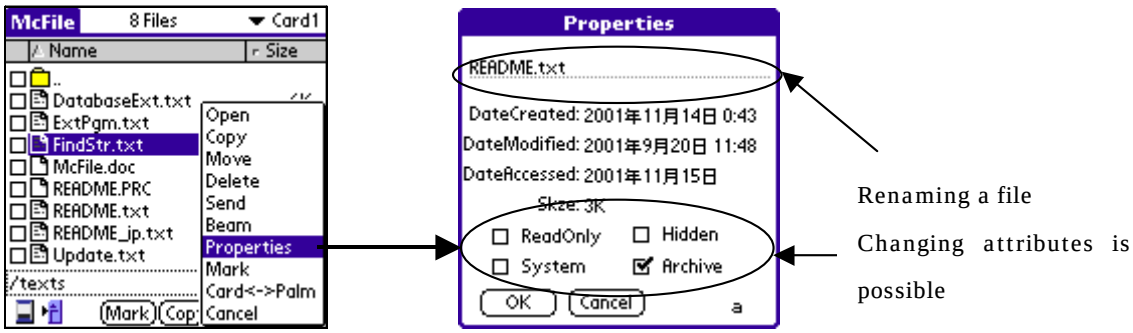
The following characters may not be used in the memory card file system, thus they will be converted to a "_" when copied from the unit to the memory card. Similarly, spaces and periods are converted to a "_" as performed by the standard copy tool under OS4.0.

" * / : < > ? ¥ |

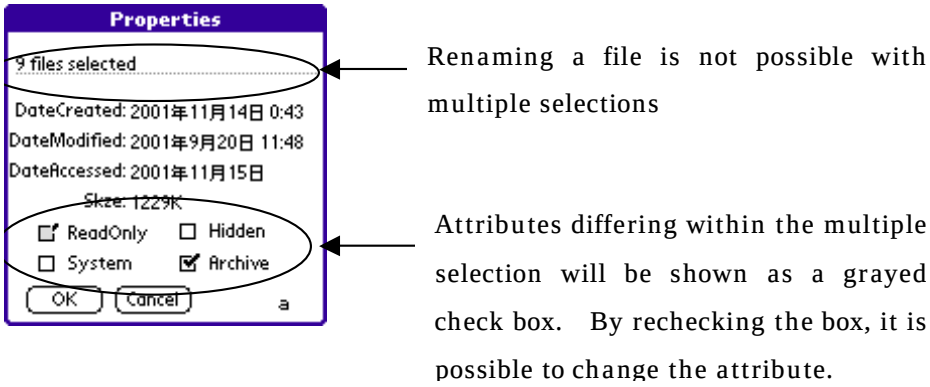
This rule is also applied if the characters above appear in 2-byte characters, such as Chinese characters. However, copying the file back to the unit will change the file name back to the original.

## 6-6.Changing Properties of Files and Databases

Selecting "Properties" from the file operation menu will show the file name and time stamp as well as the attributes of the file. It is possible in this screen to change the name of the file as well as change the attributes of the file by setting the checkboxes.




With a multiple selection, it is possible to change all their attributes at the same time.



## 6-7.Operations on Directories

By tapping the Copy, Move and Directory operation button, the screen for directory operations will be shown. In this screen, creating new directories and renaming may also be done.

- Selections

  An open folder icon indicates that that particular directory is selected. Tapping or using the Jog dial to select another directory will open (select) it and close the previously open folder.

- Expanding and closing the directory tree

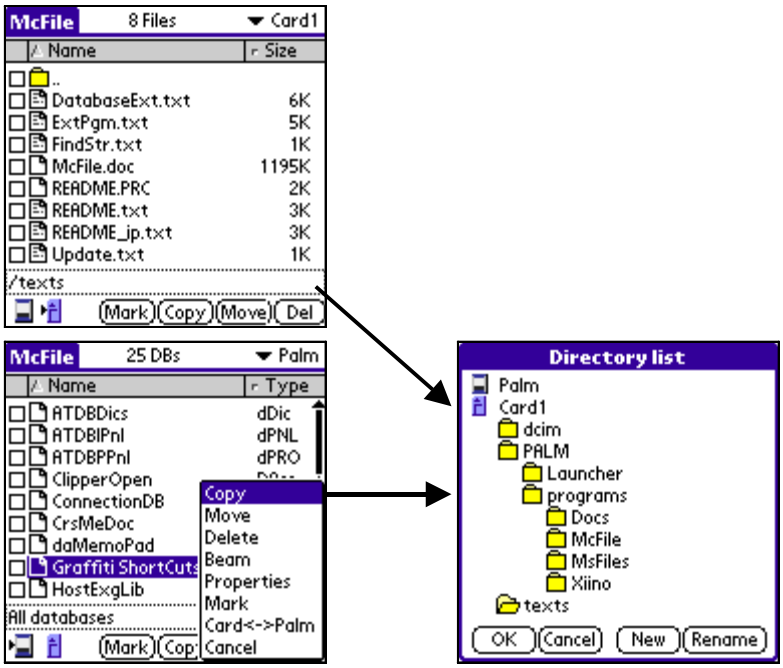
  Tapping an already selected folder will expand the directory tree below it. If the jog dial is pressed to make a selection, a menu will appear from which expanding or closing the tree may be selected.

- New Directory

  Tapping the New button will create a new directory below the currently selected directory.

- Rename

  Newly created and selected directories may be renamed.



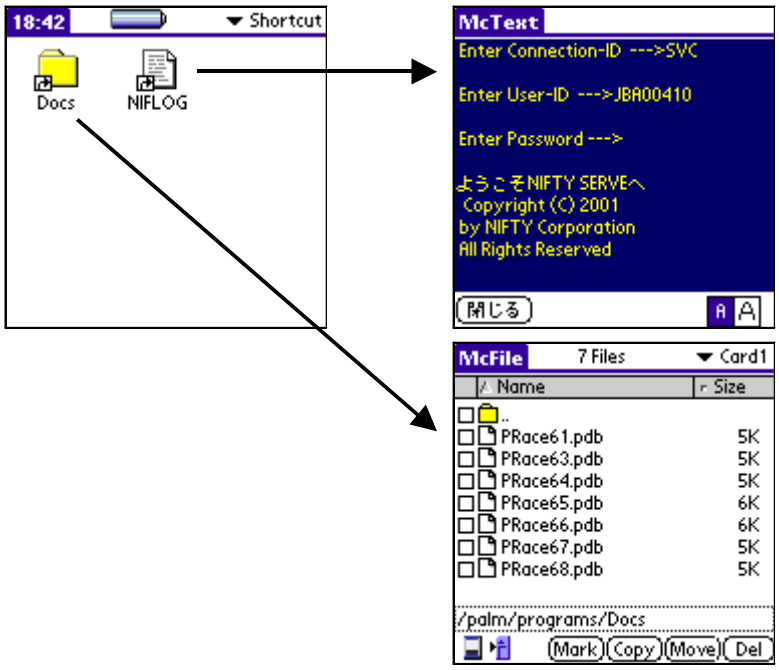
- Card Name

  The memory card name shown on the directory select screen is set to the name given to the card, if one exists. If no name has been given then the McFile default (Card 1) is used.

## 6-8.Shortcut DB

### About the shortcut database

McFile can create the shortcut DB linked to the file/directory on memory card. This is a function similar to the shortcut of Windows, or the alias of Mac, and registers the linked icon into a home screen. And if an icon is started, in the case of a file, the application associated by the extension will read the file of a link place, In prc, it is "reading and starting the file relevant to prc file". and it will start. In the case of a directory, McFile sets the directory of a link place as a current directory, and starts it.




### Create shortcut database

After checking the item in the list that you would like to create shortcut database, select Tool -> Create ShortcutDB from the menu. The shortcut database which corresponds now is created and an icon is registered into a home screen.

### Limitation of shortcut DB

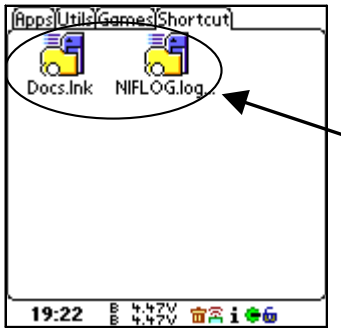
1. An icon may not be displayed by the kind of Launcher program[1].

[1] Shortcut DB is the database of ON of the attribute which can be started. Therefore, it is displayed only on the program which can treat this attribute.

2. McShortcutEng [2]needs to be introduced in order to start.
3. The length of the file name which can create shortcut database is to 28 characters.
4. The shortcut database of the same name cannot be created.
5. For example,
since "/Palm/Programs/McFile/test.txt" and "/Palm/Programs/Text/test.txt" have a the same file name, they become the shortcut database of a same name.

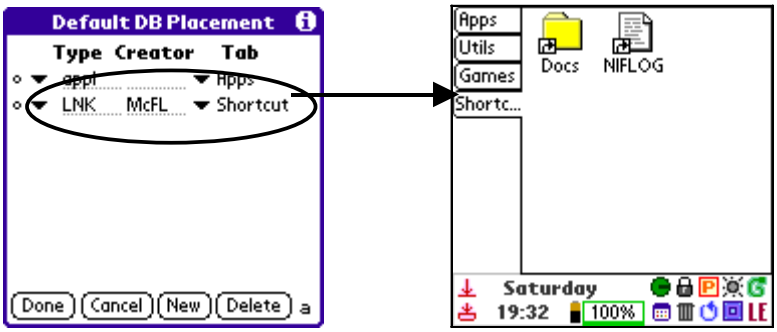
etc

In LauncherIII, shortcut becomes "a name is -.lnk" and "an icon being McFile fixation" as follows.




Operation is possible although an icon

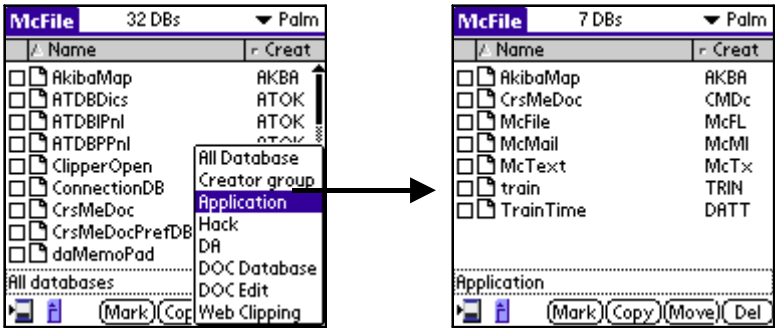
In "Launch'Em", unless it sets up, shortcut database is not displayed. Shortcut DB will come to be displayed if "Type='LNK '(the blank of 1 character is required for the last of a character sequence)" and "Creator='McFL'" are registered into DefaultDBPalcement.



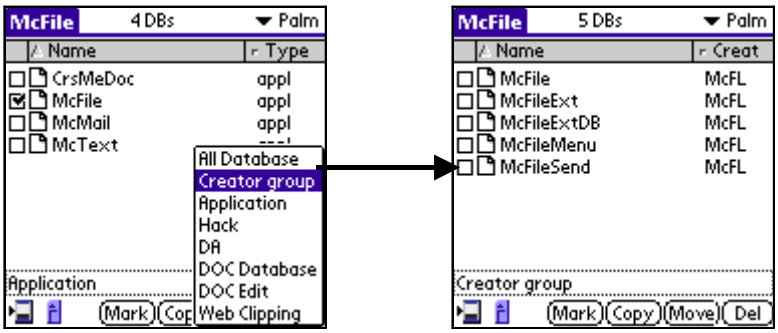

[2] McShortcutEng is kept by /Basic(Eng) folder. Please introduce.

## 6-9.Database Filters

When the database list is shown onscreen, tapping the area enclosed by a dotted line at the bottom of the screen will bring up a list of previously defined filters from which a selection may be made. Based on the selection, the list of databases will be filtered. The filter definitions may also be customized. For details, please refer to the section on "DatabasePgm List"




Among the built-in filters is a "Creator Group" item. This will allow the databases with the same creator id as a previously marked database to be listed. For instance, marking McFile then selecting this filter will show all databases used by McFile.

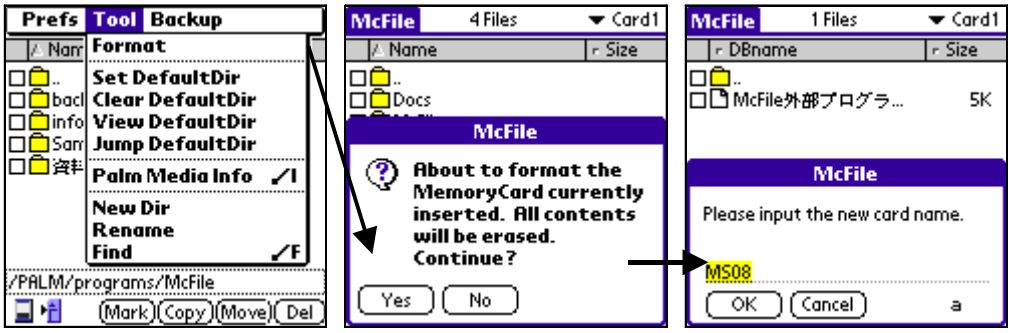


## 6-10.Tool Menu

Selecting the Tool Menu in McFile allows one to perform operations such as formatting.

### Format

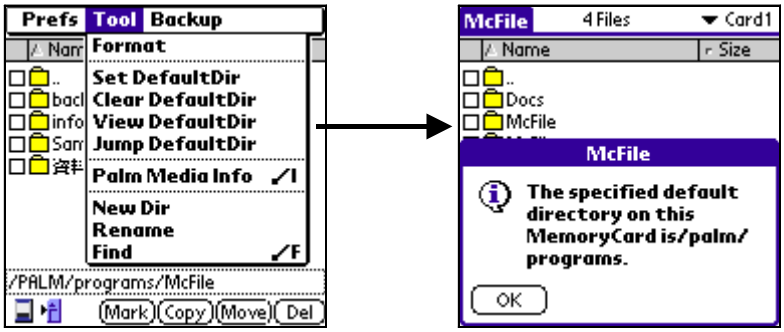
Selecting "Format" from the Tool Menu allows one to format the currently inserted memory card. In the case that more than one memory card slot is available, the slot to perform the format upon may be selected.




Before formatting, a name can be given to the memory card.

### Set DefaultDir

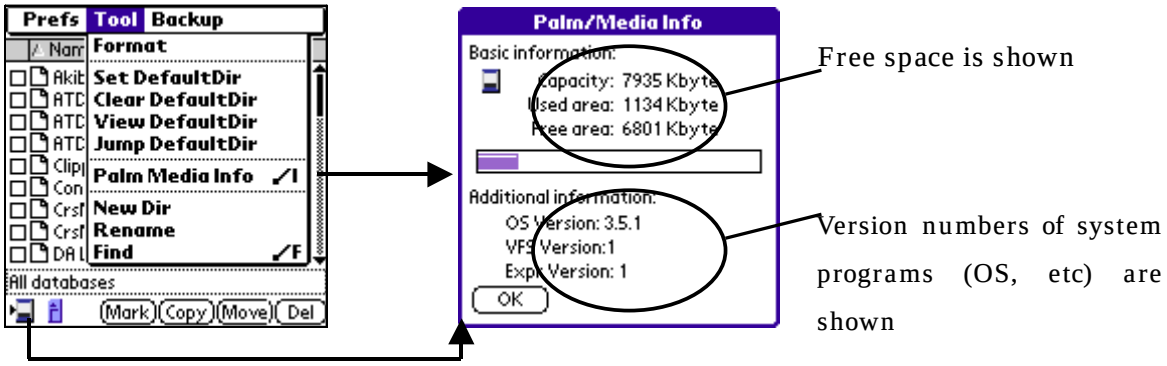
McFile allows operations on various directories, but when simply receiving a file, this may lead to unnecessary complexity in operations. In this case, setting a default directory may be of benefit. Through this setting, McFile at startup will set the directory to receive files. Moving to the selected directory can be done by simply selecting "Jump DefaultDir". Other commands relating to the default directory may be found in the Tool menu..



Palm Media info

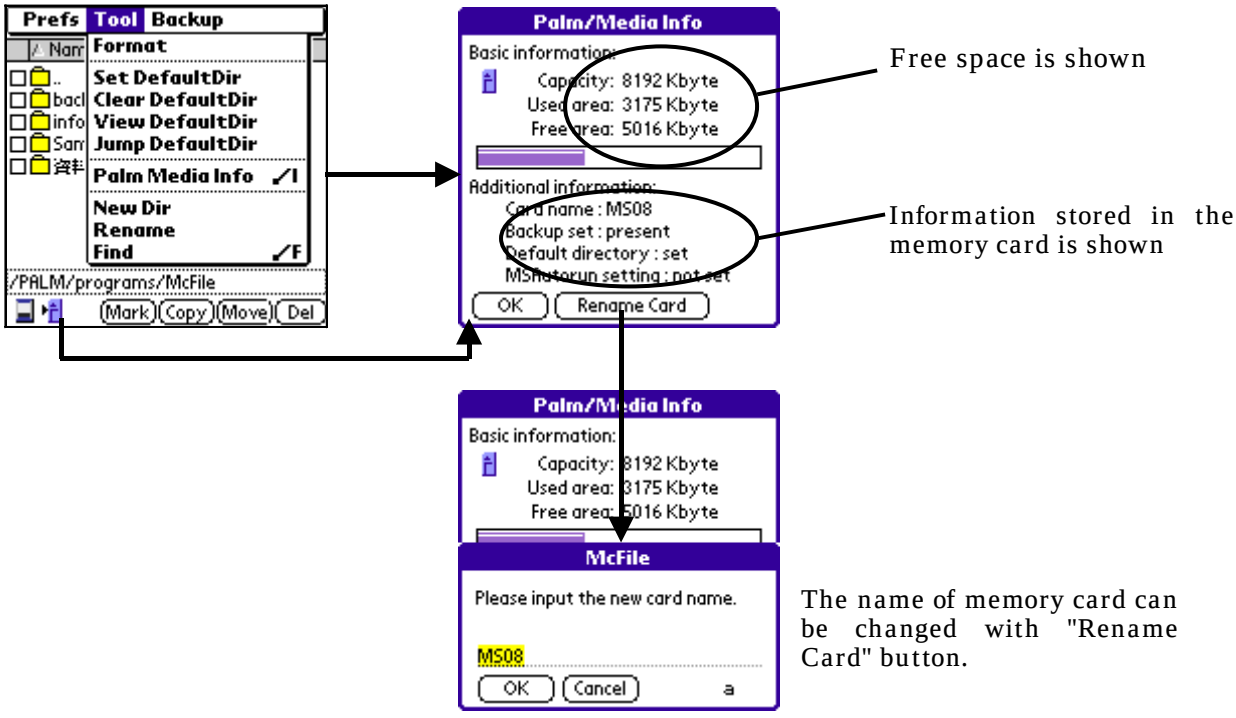
On the top of the list view screen, the number of files and free space available are shown, but by selecting "Palm Media info" from the Tool menu, further details about the unit or the currently inserted memory card may be obtained. Tapping the memory card icon on the bottom left of the screen when in file list mode will also bring up the information screen for the memory card.

**-Palm info**



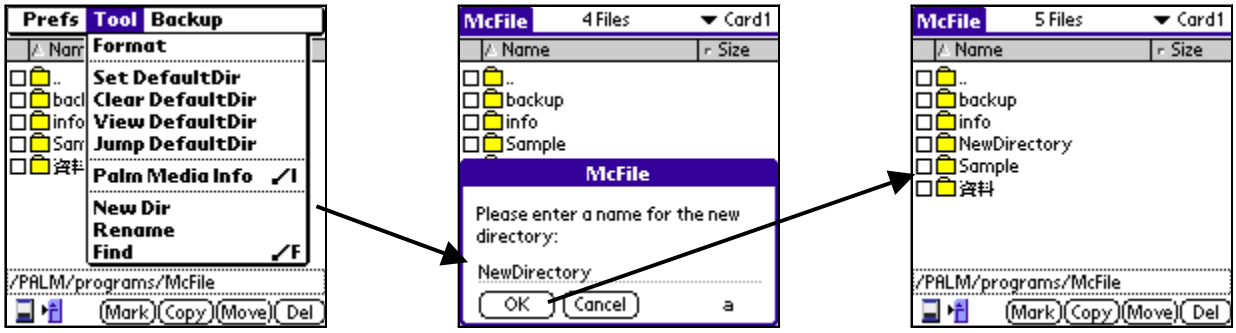

*VFS and Expr refer to the version numbers of the system program need to operate the memory card.

**-Media info**



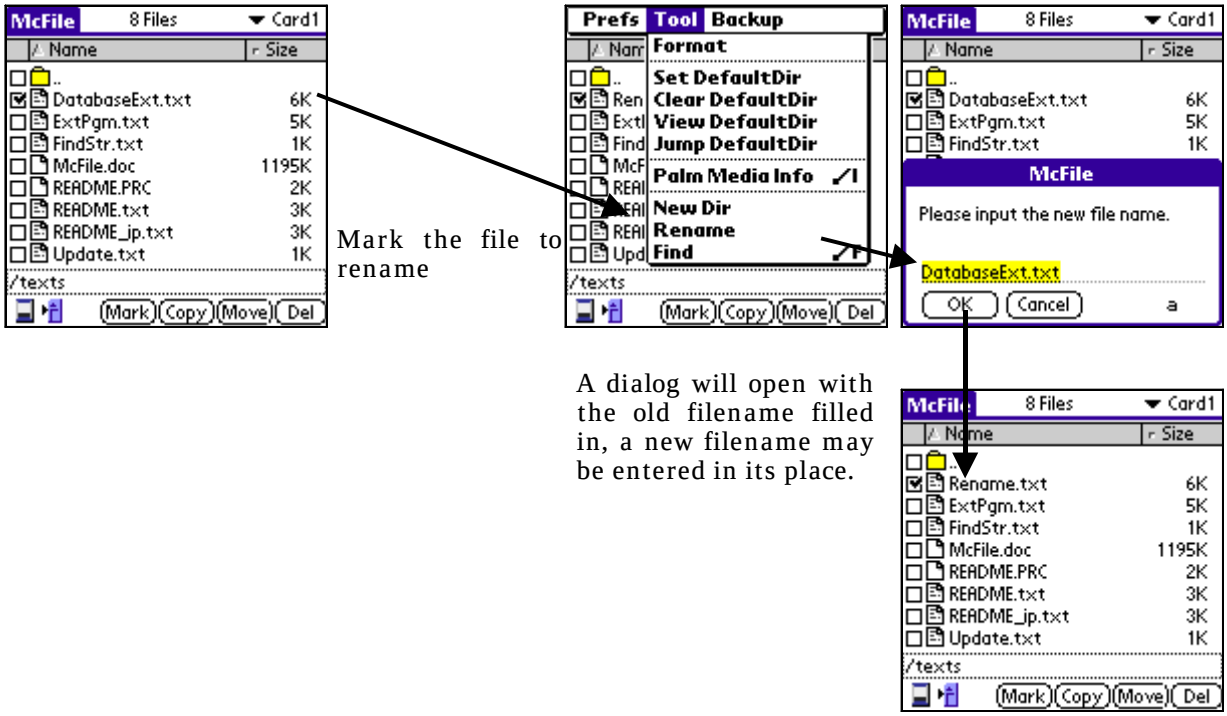
New Dir

Selecting this menu item when in file list mode will create a new directory inside the currently displayed directory.




Rename

After checking the item in the list that you would like to rename (either a file or a database is ok), select Tool -> Rename from the menu and a screen where a new name may be entered will appear.



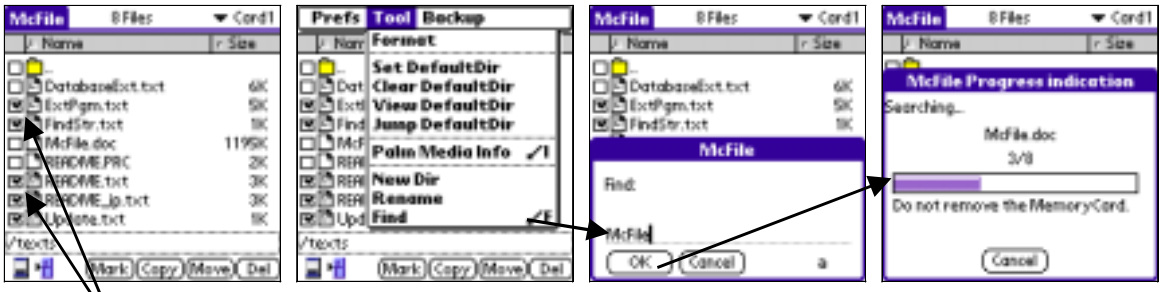

*If several files are selected when Rename is selected, only the first item found (at the top of the list) will be renamed.

Find

McFile has a simple find function to search within files for a defined character string. It is possible to search within text and DOC files contained in a memory card and display the results.

- Find procedure

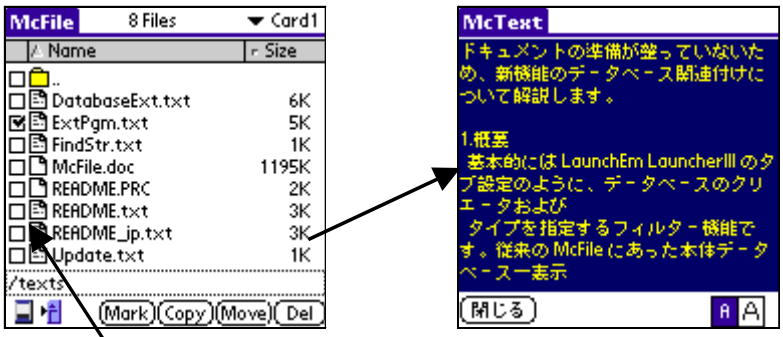
  Select Find from the Tool menu and input the desired string to be found. Marked files after the find operation finishes indicate the results of the search




Marked files indicate the results of the find operation.

- Verifying results

  Files in which the search string was found will be marked and all other files will be unmarked. If a file viewer has been set (such as McText or a similar DOCreader) the contents of the file may be checked as well. However, information about the precise location of the string within the file will not be available.




Files in which the specified string exists are marked

- Find limitations

  Distinction is made between upper- and lower-case Roman alphabet characters.

  A line feed inside the character string being searched for will also be treated as a character.

  Accurate results may not be obtained for binary data filesHowever, for DOC files, a search will be performed based on the specified format.

# 7.Settings (Prefs)

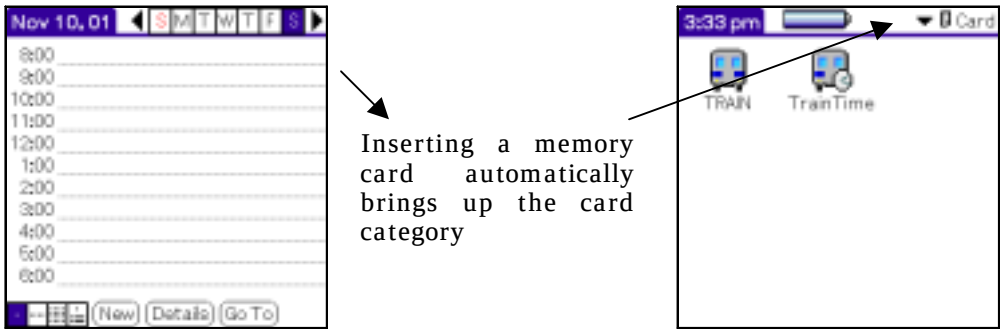
By setting various preferences in McFile, iit is possible to define what happens in copying a file, set displayed items, create associations with applications based on file extensions,etc. For a PalmOS application there are several settings possible and are complex at times, however, by combining settings together it is possible to customize McFile for one's needs.

## 7-1.Basic Settings

Select Prefs -> Basic from the menu. Here it is possible to define what happens when a memory card is inserted, etc.

### Card Mount

With PalmOS 4.0, inserting a memory card will automatically bring up the card category on the home screen




However, there are times where suppressing this change is needed, such as inserting a memory card, not to start an application, but to change mp3 data. In this case, this function may be useful. In addition, this function has the following restrictions:

- When McFile starts, it is always suppressed.
- When the home screen is displayed, it always changes to the card category.
- Automatic starting functions outside the home screen are also suppressed. For example, MSAutoRun may also be suppressed.

### ExportDB

- Encode Filename

  This setting will change unusable and 2-byte characters in a filename to alphanumeric characters. It may be useful when using Japanese database names

on an English OS and when operations on files with Japanese names are unstable. When exporting these files from the Palm, and when using a PC to save Palm databases (ex. DOC files, etc) to a memory card, the filenames may be unintelligible in the file list, but by selecting DB Name from the titlebar, the Palm database name will be shown, thus making it understandable.

Ex: With encoding On and exporting the McFile/Readme, the 2-byte character is replaced to give the following filename:

-> McFile%2FReadme

- Verify Filename

  Memory cards are a relatively new technology for PalmOS devices. For this reason, there are times when the filename is corrupted even if made according to filename specifications (in particular, for 2-byte characters e.g. Japanese characters). This setting will help prevent this from occurring on the application side, by checking to see if the filename will be altered when copied or renamed. However, by setting this to On, the time needed for operations will increase somewhat.

  * It should be noted that this setting is not guaranteed to prevent corruption for all filenames.

Trigger Mac file remove

A setting to automatically remove files created on the memory card when mounted on a Macintosh. The timing of the removal can be set by the settings "File list display" and "McFile starting".

- File list display
  Setting this to On will delete the following directories and files if found within the current directory when in file list mode:

| | |
|---|---|
| Directory | resource.frk |
| File | finder.dat |

- McFile starting
  Setting this to On will delete the following directories and files when McFile starts:

| | |
|---|---|
| Directory | /TheVolumeSettingsFolder |
| | /TheFindByContentFolder |
| | /Desktop Folder" |
| | /Trash |
| | /resource.frk |
| | /Palm/Launcher/resource.frk |
| | /Palm/Programs/MsFiles/resource.frk |
| | /Palm/Programs/PowerRUN/resource.frk |
| File | /Desktop DB |
| | /Desktop DF |
| | /finder.dat |
| | /fileid.dat |
| | /Icon_ |
| | /OpenFolderListDF_ |
| | /Palm/Launcher/finder.dat |
| | /Palm/Programs/MsFiles/finder.dat |
| | /Palm/Programs/PowerRUN/finder.dat |

## 7-2.Display Settings

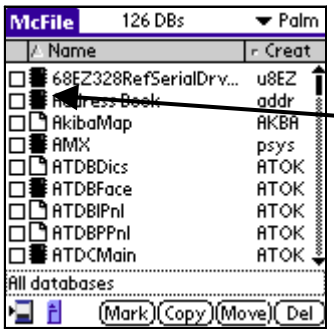
Settings dealing with items to be displayed on screen can be set by selecting Prefs -> Display from the menu.

List Setting

- InitView
  It can set up whether the initial view at the time of starting is used as Palm , or memory card is made priority.

- Sort the card list & sort the palm list
  Sorting of the file list can be set to On or Off. By not sorting the file list, the time needed to create the list can be reduced.

- DB on ROM
  Display of databases located on ROM can be set to On or Off. Normally, setting this to Off causes no problems, but for databases in a Flash Module for Visor, it is necessary to set this to On. The icons used for databases located on ROM are different from those located on RAM, and are treated as copy-protected databases.




Databases on ROM are distinguished by their icon.

- Cache(a68k)DB
  A display of the resource cash database of the application which 68K emulator of OS5 creates can be set up. Usually, since the system has managed the cash database, operation of deletion, overwrite, etc. cannot be performed. We recommend you to carry out for "Off." Moreover, when you are made to display, please be careful of the following points of the database of the main part of application, and a cash database.

  Since the system locks while application exists, a cash database cannot be deleted (an exception is removed in part). Moreover, when application is deleted, the

corresponding cash database is deleted. It cannot delete, even if it performs deletion processing in the order of "cash-> application", since there is such a relation. However, it can delete in the order of "application-> cash." That is, in spite of issuing the directions which delete the same database, a result may change with order of sorting of a display etc.




It is deleted.




It is not deleted.

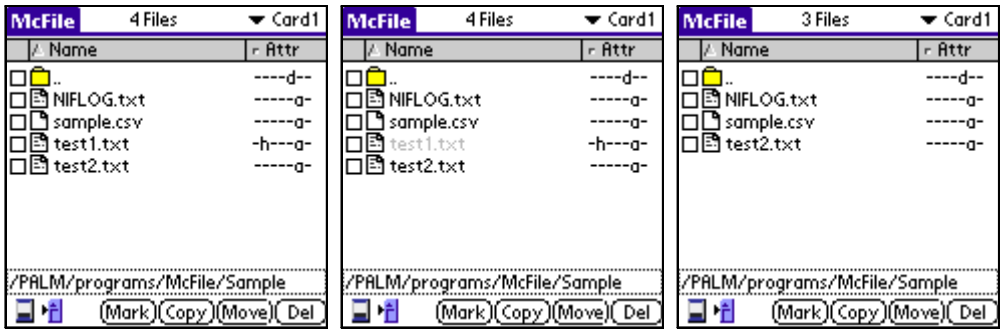
-

Hiden item

The manner in which files with the hidden attribute set are displayed can be set to three settings:

| | |
|---|---|
| Normal | Show in the same format as other files. No difference will be seen |
| Gray | The filename will be grayed, allowing one to distinguish it from other files |
| Hide | The filename will not be shown at all |

*with test1.txt set as a hidden file, the above settings will function as shown below




Normal Gray Hide

Confirm

Setting for displaying confirm dialog boxes

- Directory remove

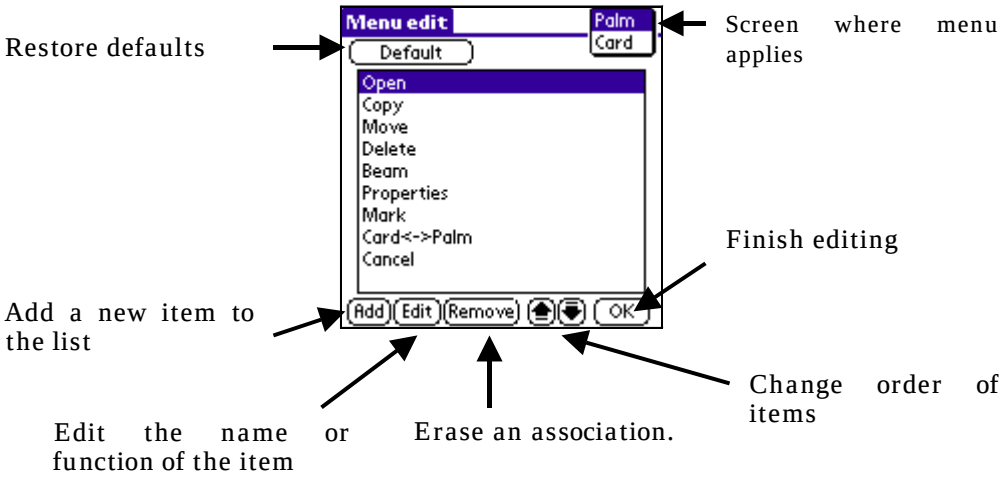
  When deleting an item from the file list, displaying a confirmation message if a directory is contained within can be set to On or Off.

## 7-3.Menu item edit

It is possible to edit the file operation menu that opens when an item from the list is tapped or when the jog dial is pressed. For instance, it is possible to specialize the menu for the jog dial function of equipped models, or perhaps delete infrequently used items from the menu in unequipped ones. There are two operation menus that can be edited: one used when databases in the Palm unit are listed (Palm menu) and one used when files in the memory card are listed (memory card menu). Items that deal with copy-protected databases are automatically generated in the menu when such databases are selected.

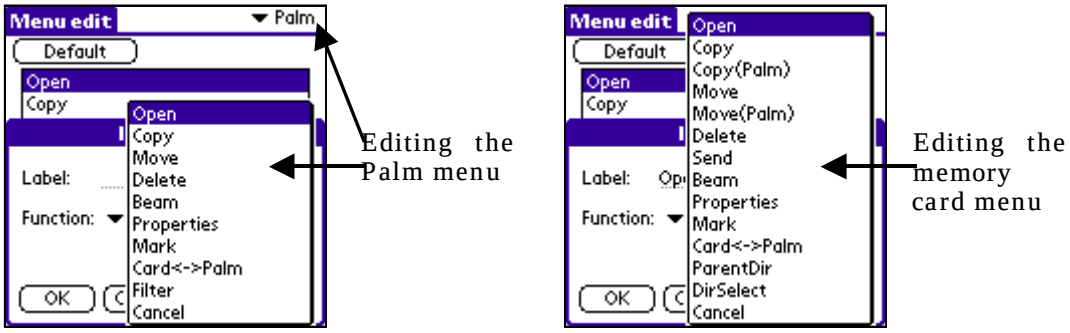
- Edit Screen

  Generally speaking, it is only necessary to perform the edit by means of the "Add", "Edit" and "Remove" buttons. It should be noted, though, that at the upper right of the screen is a menu from which either the Palm menu or the memory card menu may be selected.



- Item edit

  Tapping the "Add" or "Edit" buttons will bring up a screen in which a label may be entered and its corresponding function may be selected. Selectable functions are as follows:




- Editing the Palm menu

| Function Name | Description | Note |
|---|---|---|
| Open | Open a database | Will not be displayed if no associations available |
| Copy | Copy a database | Will not be displayed if database is copy-protected |
| Move | Move a database | Will not be displayed if database is copy-protected |
| Delete | Delete a database | |
| Beam | Beam a database | Will not be displayed if database is copy-protected |
| Bluetooth | Transmit a database via Bluetooth. | Will not be displayed if database is copy-protected |
| Properties | Show the database property screen | |
| Mark | Mark the selection for operations | |
| Card<->Palm | Change display mode | |
| Filter | Show the database filter popup | |
| Cancel | Close the file operation menu | |

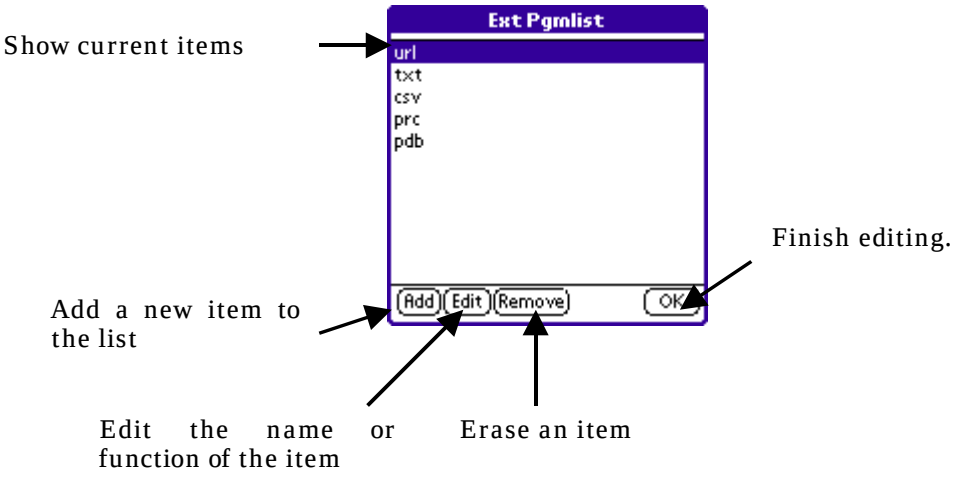
- Editing the memory card menu

| Function Name | Description | Note |
|---|---|---|
| Open | Open a file | Will not be displayed if no associations available |
| Copy | Copy a file | |
| Copy(Palm) | Copy a file to the Palm unit | ill not be displayed for files other than PRC/PDB/PQA types |
| Copy | Move a file | |
| Move(Palm) | Move a file to the Palm unit | ill not be displayed for files other than PRC/PDB/PQA types |
| Move | A database is moved. | |
| Delete | Delete a file | |
| Send | Show list of send targets | |
| Beam | Beam a file | |
| | Transmit a database via Bluetooth. | |
| Properties | Show the file property screen | |
| Mark | Mark the selection for operations | |
| Card<->Palm | Change display mode | |
| ParentDir | Move to the parent directory of the current directory | |
| DirSelect | Show the directory selection screen | |
| Cancel | Close the file operation menu | |

## 7-4.ExtPgmList

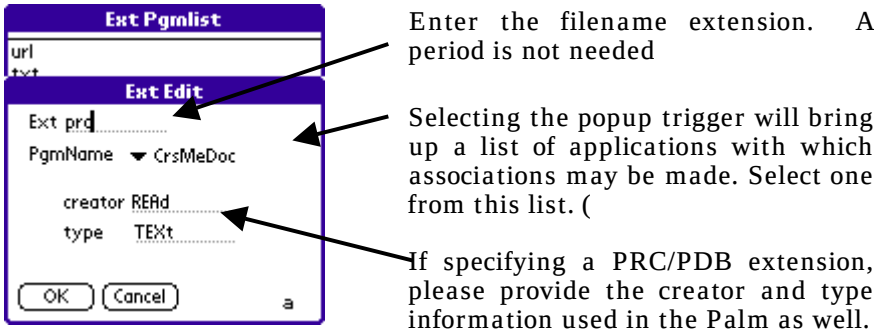
By creating associations with applications capable of external linking or Drag&Drop modules[3], it is possible to "Open" these files with McFile.

- Edit Associations (ExtPgmList screen)




- Item edit

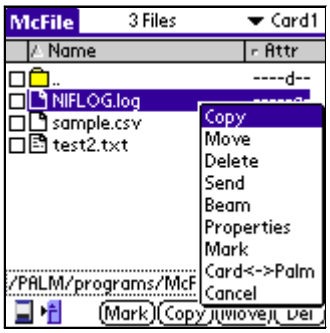
  Tapping the "Add" and "Edit" buttons will bring up a screen where filename extensions and their associated applications may be set.



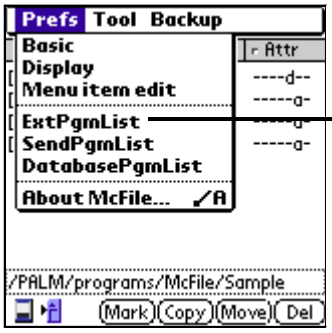

[3] Drag&Drop extension module developed by Fukumoto. For details, please refer to http://www.umap.net/

- Setting example

  Here, the steps needed to associate the "log "extension with McText.prc are shown. Other extensions and applications may be associated using the same procedure.



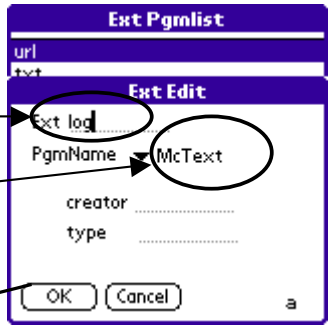

As no association exists for the extension "log", the "Open" item is not displayed in the menu.



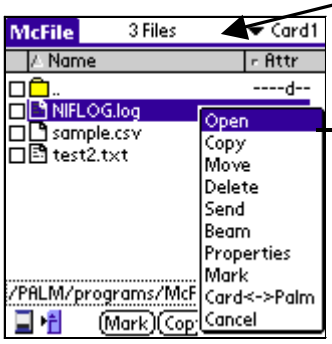


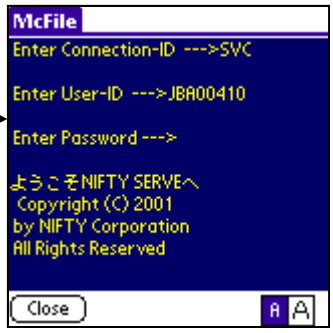


ExtPgmList is selected from the Prefs menu and the "Add " button is tapped in the screen that follows.




"log" is entered in the Ext field. Here, no distinction is made between upper and lower case letters.
Next, the popup trigger beside PgmName is tapped, and McText selected from the menu that appears.



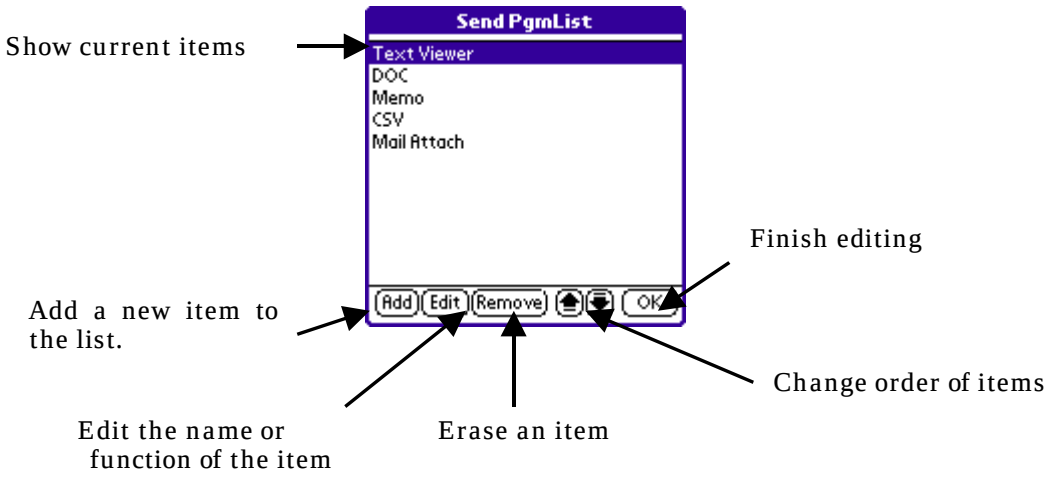




An association with McText is created, thus the "Open" item now displays in the menu. If this is then selected, it will be possible to view the file in McText.

## 7-5.SendPgmList

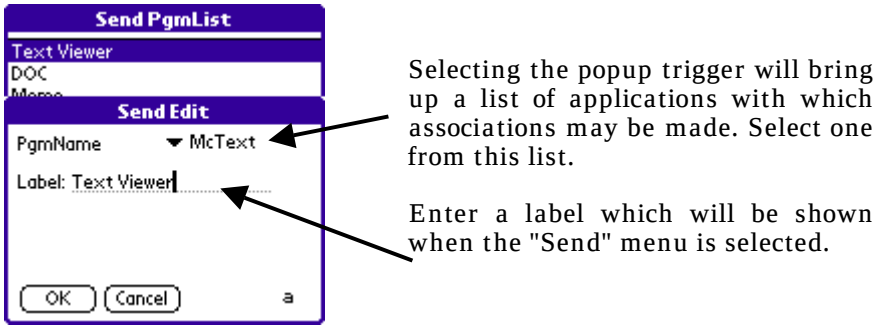
SendPgmList, like ExtPgmList is a setting for opening files with applications which can be associated with them, but for applications that do not make any distinctions based on the extension when working with the file. It can be used, for instance, to register a "Send to mailer" function. By registering an item in this list, it will appear in a menu that pops up when "Send" in the file operation menu is tapped, and the selected file may then be sent to it.

- Edit Screen




- Edit Send list (SendPgmList screen)

  Tapping the "Add" and "Edit" buttons will bring up a screen where item labels and their associated applications may be set.

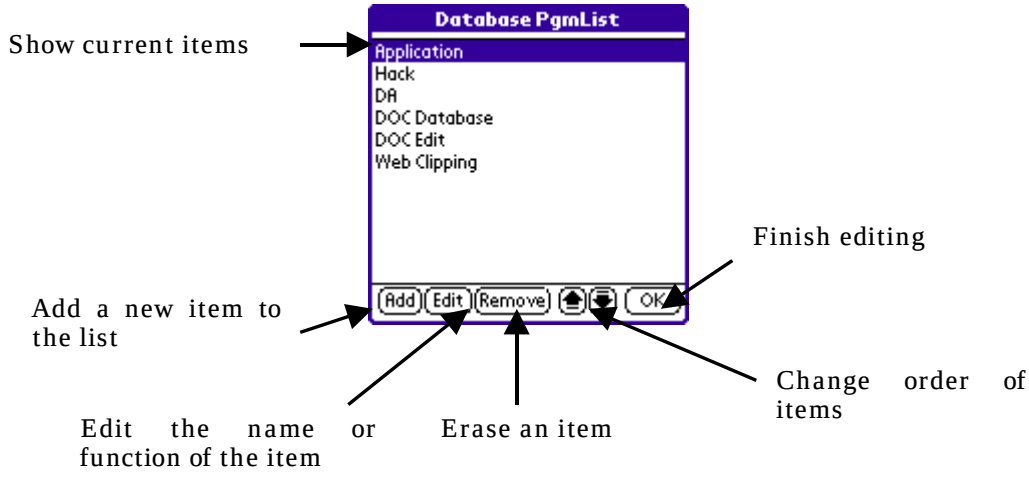


## 7-6.DatabasePgmList

This is an extension of the function in the previous McFile version wherein only applications would be shown in the list. It has not only a filtering function, but just like the LaunchEm Launcher III tab setting, by associating applications with the database creator and type, it is possible to "Open" listed databases as well. The process of "Opening" a database is not a special one as with ExtPgmList, but makes use of the standard procedure as specified by the PalmOS. The above-mentioned Launcher III, Crs-Launcher and several DOC reader applications make use of this method.

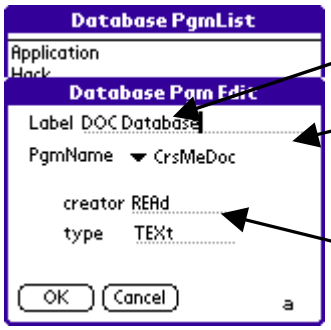
- Edit Screen

  Selecting "DatabasePgmList" from the Prefs menu will bring up a setting panel, in which programs may be registered to show in the send menu



- Edit item

  Tapping the "Add" and "Edit" buttons will bring up a screen where filters and their associated applications may be set.



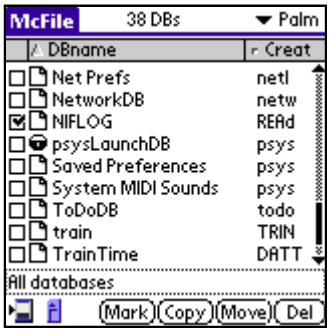

Label to be shown in the database filter list

Selecting the popup trigger will bring up a list of applications in the Palm unit with which associations may be made. Select one from this list.

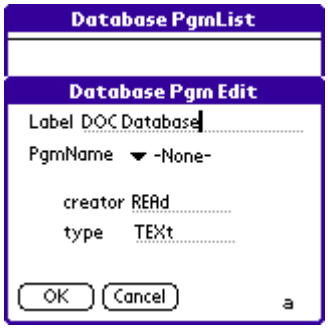
The creator and type by which to list databases are specified. When PgmName is specified above, it is necessary to fill in both these fields

- Use as a filter

This function may be applied, for the most part, as a filter (to list up the databases used by a given application). Here, a description of how to set up a filter to list up DOC databases is given .

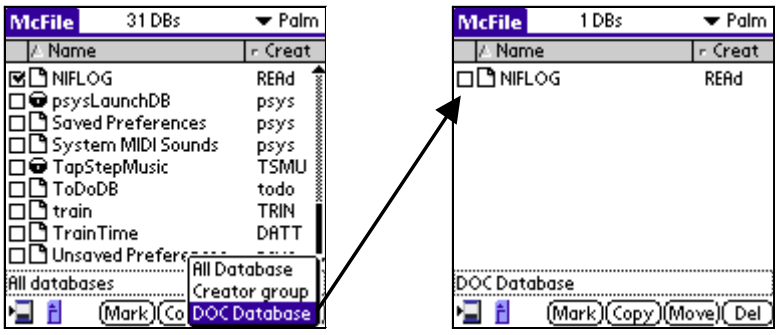



First, bring up the list of databases in the unit with McFile. Select any DOC database and mark it (check the box)




Select DatabasePgmList from the Prefs menu, and tap the "Add" button in the screen that displays
In the edit screen that follows, the creator and type information will be taken from the selected file and automatically filled in the appropriate fields. At this point all parameters are specified, thus all that is left to be done is to provide a label. In this case, it is set as "DOC Database".

In this manner, a filter is created. By tapping the area enclosed by a dotted line at the bottom of the screen, the "DOC Database" entry created earlier will show up in the menu, and may be selected. Upon doing so, only DOC databases will be shown in the list.



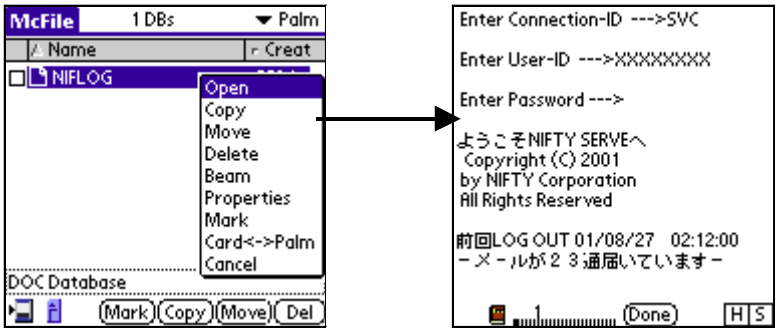
- Setting Application Associations for Filters

  McFile can associate applications with filters. For instance, by associating Crs-Me-Doc with the "DOC Database" filter defined above, opening the file through McFile will start up Crs-Me-Doc. The method of creating this association is described below:




Select DatabasePgmList from the Prefs menu, select "DOC Database" from the list that is shown and tap the "Edit" button. Tap the upside-down triangle to the right of PgmName in the edit screen. A list of programs will pop up; from this select Crs-Me-Doc.

  In this manner, the association is completed. Using "DOC Database" as a filter and tapping a DOC database from the list will bring up a popup menu; selecting "Open" will start up Crs-Me-Doc.




- Verifying if Applications may be Selected

  When creating database associations, all programs in the Palm device will be listed, among which any one may be selected. However, in order to pass a database to an external program, it is necessary for the receiving program to interpret the sysAppLaunchCmdOpenDB argument. Although this argument is standard in the PalmOS, as not all programs support it, in several cases, the database will not be loaded. If the developer of the receiving program has not explicitly stated in the manual that this function is supported, there is no way for the user to determine if such is the case. As a result, the workaround is rather rough, and requires that the user actually try setting the association and testing to see if it works. If the above argument is not supported, either the program will be started up by McFile, but the passed database will be ignored, or nothing will happen at all.

- Advanced Use

  It is possible to set associations for databases with the same creator and type with different applications. For instance, it is possible to view a DOC database with Crs-Me-Doc with one filter, and edit the DOC database with another. While somewhat complicated, knowing the information below may help in making the creation of database associations easier.

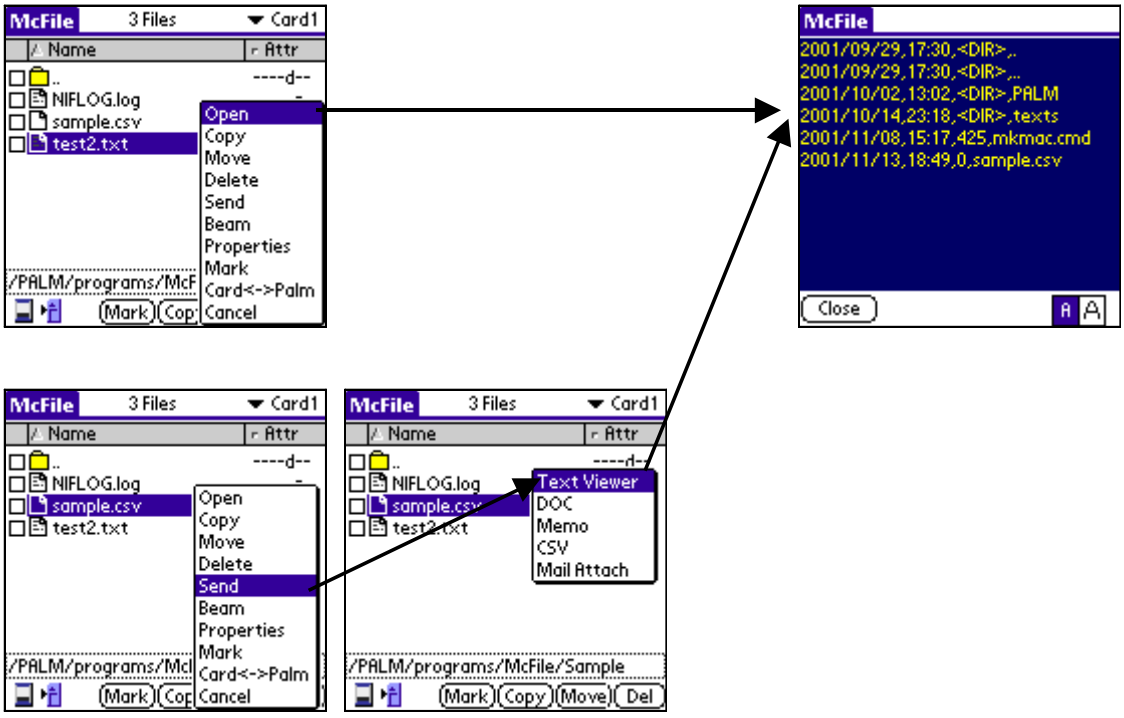
  1. If PgmName is not specified, the entry will be just a filter. In this case, leave the creator and type fields blank.
  2. If PgmName is specified, both creator and type fields need to be filled in.
  3. If a filter with PgmName specified is used, priority is given to the application and the database is opened.
  4. If a filter with PgmName not specified is used, but the selection corresponds with the settings of another filter, and that filter has application associations set, then the application specified by the second filter will be used.

## 8.File Text Viewer(McText)

If the sample setting file and McText.prc are installed, selecting "Open" or "Text Viewer" from the "Send" menu for a file with the extension .txt will allow the text contents of the file to be viewed.

- Starting and Ending

  Tapping the "Close" button or pushing the jog dial will close the text viewer McText.

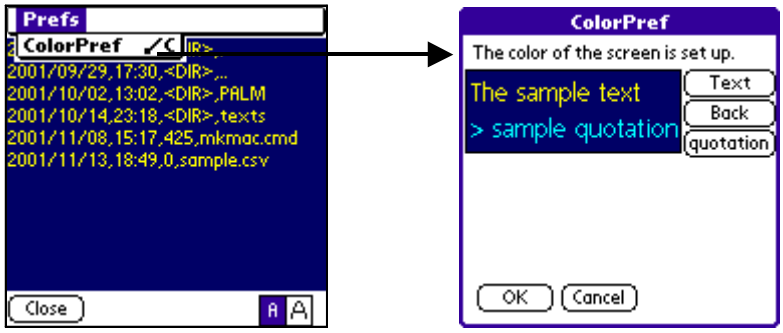



- Scrolling the screen

  Pressing the up-down keys or using the jog dial will scroll the screen

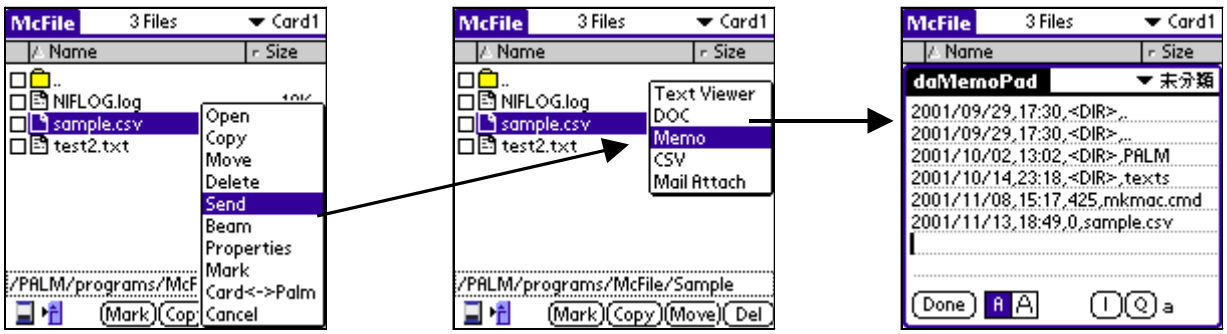
- Color settings

  Selecting ColorPref from the menu will allow one to set the background color or character colors. For a monochrome model, a seting from 16 levels of gray may be made.




## 9.Importing Text into a Memo(daMemoPad)

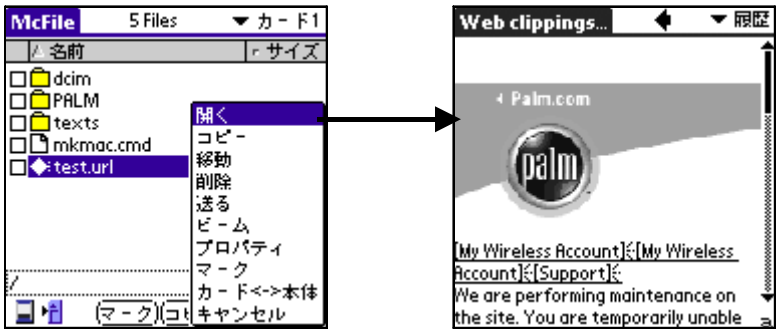
If the sample setting file and daMemoPad.prc (either the file included in the /opt folder or version 0.234 and above) are installed, selecting "Memo" from the "Send" menu will startup daMemoPad and copy the text in the file to a new memo. From daMemoPad, it is possible to save the memo to the standard memo list. Changing from McFile to daMemoPad is done via Drag&Drop, so the maximum file size that can be imported in this manner is limited to 4KB.




For details on how to use daMemoPad please refer to
http://www.jade.dti.ne.jp/~imazeki/palm/damepd.html

## 10.Opening a URL(ClipperOpen)

If the sample setting file and ClipperOpen.prc are installed, selecting "Open" for a file with the extension .url will search for the address http://~ within the file and open that address using WebClipping. For instance, a file containing the URL "http://my.palm.net" will open the page as shown below:




## 11.Mail Attachments(McMail)

If the sample setting file and McMail.prc are installed, selecting "Mail Attach" from the Send menu will create a new message in the standard mailbox with the file attached. Restrictions and specifications for mail attachments are described below. It is advisable to check beforehand that there is no incompatibility with regards to the receiving environment.

- File attachments are made through uuencode only
  McMail 's attach function is only done by creating text for the message header thus MIME cannot be used. To achieve this, a dedicated mail sending function is necessary. As there are a number of advanced mailers available, use of clients such as PSMail, Papi-Mail, POPJ , etc. are left to the user's discretion.

- File splitting
  An attached file will be split by approximately 45K increments when sending. As MIME will not be used, a simple file splitting will be performed. Please refer to "Restoring a Mail Attachment" for details.

- Setting addressees
  Currently, only the To field can be set; CC and BCC cannot be set with McFile.

If it is absolutely necessary, please use a mailer capable of editing a message size of up to 64KB to send the file.

- Standard mailbox
  If the mailer client being used cannot send mail from the standard mailbox, messages created by McMail cannot be sent. For instance, the MultiMail client provided on the CLIE cannot be used.

- HotSync
  The mail conduit used by the Palm Desktop has a limit on mail size, thus messages created by McMail will be truncated. As the attach file function will not work properly in this case, do not use a PC to send messages created by McMail.

- Available space on the Palm device
  As uuencode is used to attach the file, free space of a little more than 4/3 times the file size is needed on the Palm device.

- Mail size
  Generally speaking, sending messages of over 10KB is not common on Palm devices. For this reason, depending on the software/hardware/communications environment, large messages created by McMail may not be sent properly.

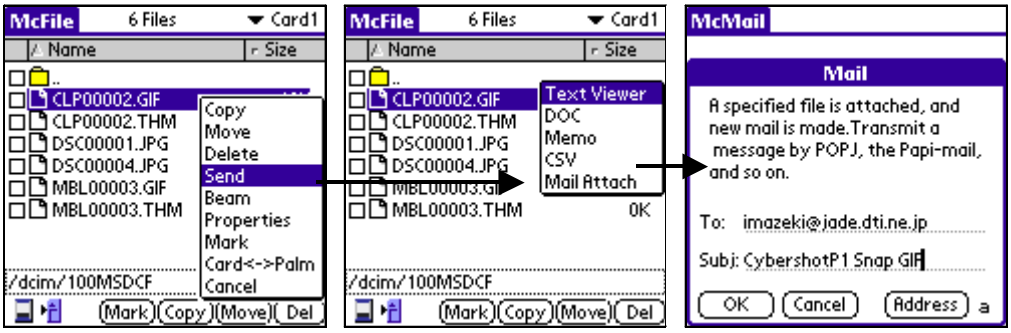
  For reference, test environment results are provided below:

| | |
|---|---|
| Palm Model | PEG-S500C PEG-S300 |
| Cell phone model | NM502i |
| Connection | Infrared |
| Mail Client | POPJ PalmScapeMail |

Sending a 60K split file has been verified for the above environments.

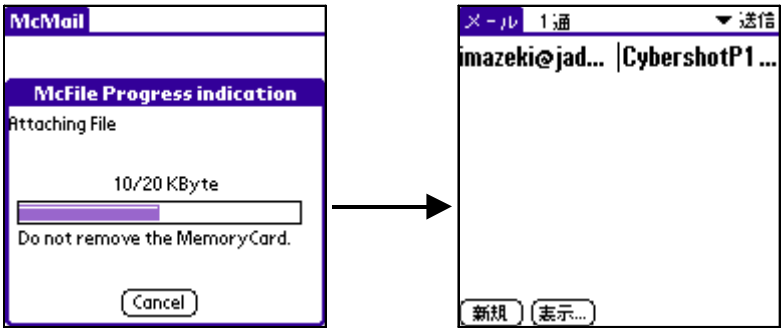
## 11-1.Creating a Mail Attachment

1. Selecting "Mail attach" from the send menu will bring up a screen in which the addressee, and subject line can be entered. The address button may be used for entry.




2. Wait for the file conversion to finish as shown on a progress dialog..

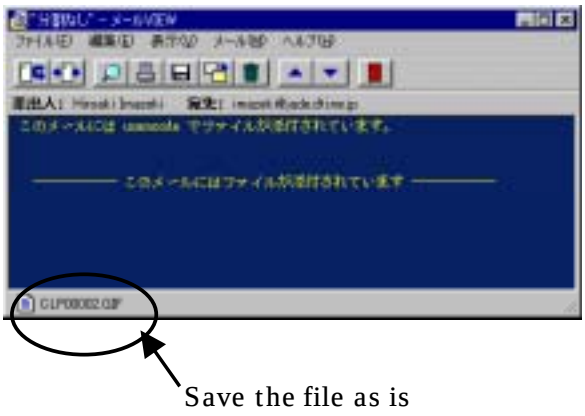
3. Once the conversion has finished, use the mailer program to send the file. Furthermore, if a setting exists for word wrapping, be sure to deactivate it beforehand or the file may not be properly restored.



## 11-2.Restoring a Mail Attachment

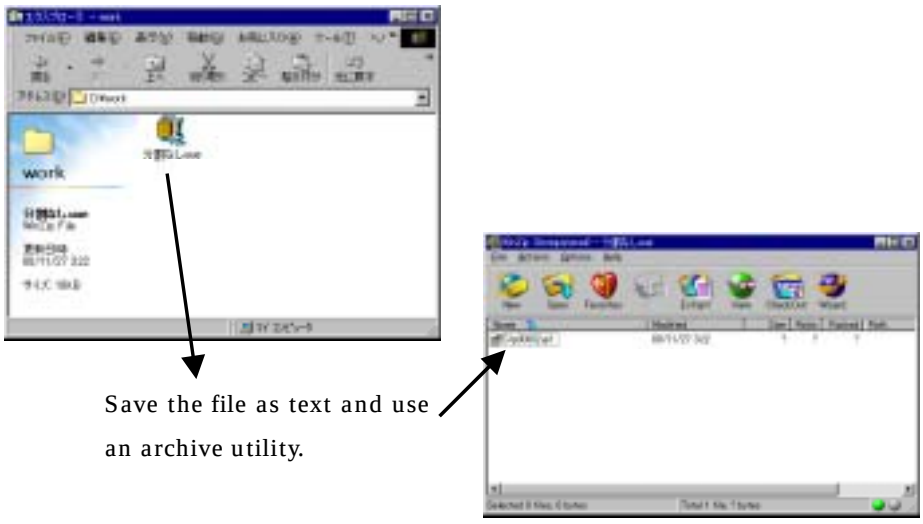
The following describes the various cases where a message from McMail is received by a PC (WindowsOS) and the steps needed to work with the message.

1. In the case that an unsplit file is recognized as an attachment
If no numbers [n/n] appear at the end of the subject line, and the contents are recognized as an attached file, save and use the file as is.



2. In the case that an unsplit file is not recognized as an attachment

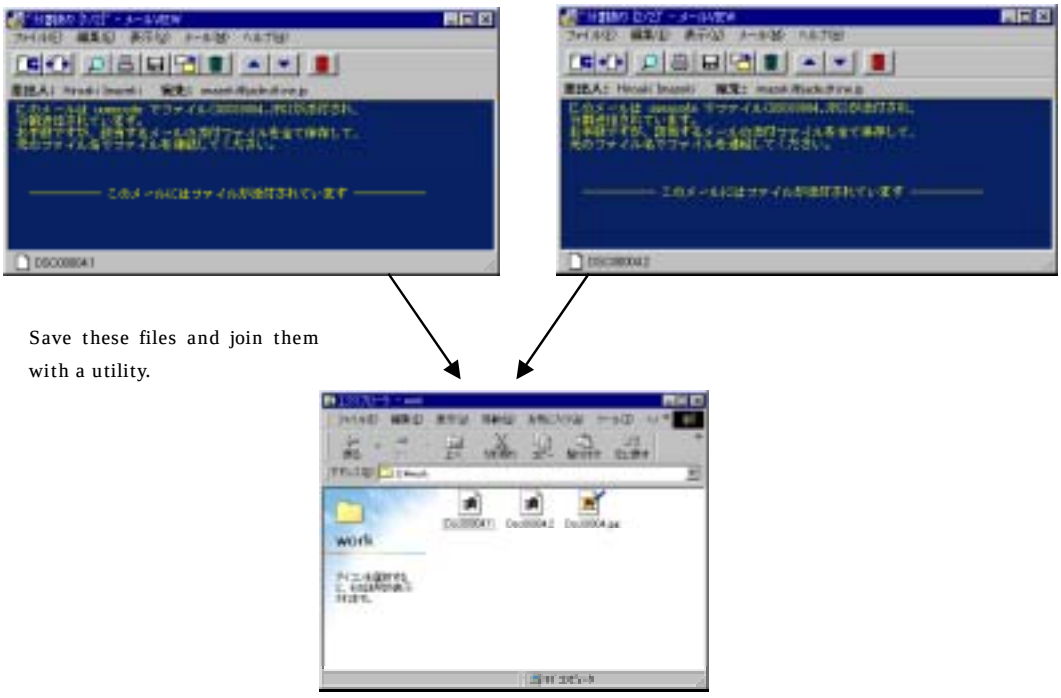
Save the entire message as a text file with an extension of .uue (as in xxxx.uue) . Following this, use an archive utility such as WinZip to restore the file.



3. In the case that split files are recognized as attachments:

If several messages with the same subject line with numbers [n/n] appearing at the end of the subject line are received, the file has been split. Take note of the contents of each message such as "This mail contains an attached uuencode file (DSC00004.JPG)." This will be the name of the attached file.

Save each attached file and join them afterward such as with a utility. Save the resulting joined file.




For example, for an OS where a DOS prompt can be used, entering

**COPY /B DSC00004.1+DSC00004.2 DSC00004.JPG**

will join the files.

4. In the case that split files are not recognized as attachments:

Save each message as a text file as described by step 2, and extract each file. Follow step 3 to join the files.

## 12.Playing of Wave Files

If the Wave Sound Manager created by Nagamatsu is installed, selecting "Open" for files with a wav extension will allow the file to be played. Please refer to the Wave Sound Manager documentation for model compatibility and details on the Wave file format.

*McFile will not close after the Wave Sound Manager function is opened. To remove the WaveSound Manager, perform a soft reset first before deleting)

## 13.Backup and Restore

The McFile backup and restore function is performed by simply exporting and importing databases. In this light, it should be noted that a perfect backup may not always be created.

13-1.Merits

- The files are not grouped into a single file so it is possible to work on individual files with a PC.
- It is possible to perform a restore using a McFile backup set and Pilot-xfer
- It is possible to perform a restore by using McFile and files obtained by Pilot-xfer by copying these files to the specified folder

13-2.Demerits

- If updates are not installed beforehand, it may be possible that some databases may not be backed up properly. Please consult the support pages for your Palm model.
- If the memory of the Palm unit is almost all used up, the backup may not fit into an 8MB memory card.
- There are instances when the Import function may not work properly during a restore procedure, thus causing a Fatal Exception and requiring a forced reset. (It is possible to avoid this problem to a degree; please refer to the section on the restore procedure for details)

Furthermore, copy protected databases are also backed up in the process, so care has to be taken. While it may not be possible to manipulate these files with McFile alone, it is possible to do so with various PC utilities.

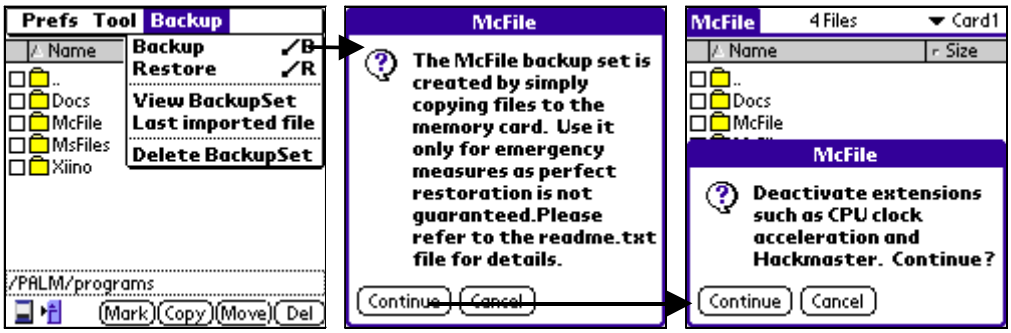
## 13-3.Backup Procedure

clock acceleration, and extensions such as Hackmaster must be disabled. Furthermore, install any OS updates available.

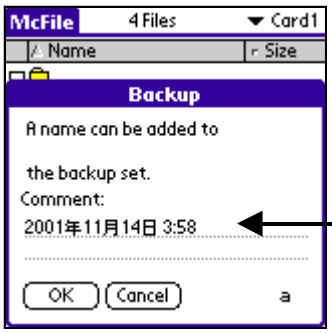
Insert a memory card with sufficient space in the slot available. For best guarantee of results, it is advisable that a format be done just before the backup procedure. Once all preparations have been made, follow the steps below:

- Select Backup -> Backup.

- Take note of the messages that follow.
  At this point, it is possible to cancel the backup process.

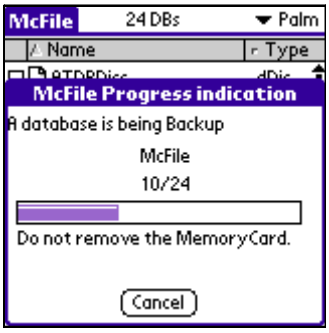



- A screen asking for the name of the backup set will show, it is advisable to use a name that will be easy to identify later.




A time stamp will be inserted at first, edit this to a more identifiable name.

- The backup process will begin.




The backup files will be copied to the /Palm/Programs/McFile/backup folder, but McFile.prc will be copied to a separate folder. In OS 3.5.x, it will be copied to /Palm/Programs/MsFile, while in OS 4.0 it will be copied to /Palm/Launcher. This is to facilitate the restore process in the future.

* The following restrictions apply in the backup procedure

- Only 1 backup set may be stored per memory card
- Corrupted databases cannot be backed up. (Example: when selecting Application -> Information from the home screen results in a Fatal Exception)
- Database names containing special characters will be altered to avoid errors during the backup process.

## 13-4.Restore Procedure

Restoring from a backup set requires the use of a hard reset[4]. Please consult your Palm device manual beforehand. Due to OS restrictions, the following files cannot be restored so they will be automatically skipped:

- Graffiti+ShortCuts.prc
- Net+Prefs.prc
- Sonyres.prc(for PEG-N700C only)

For CLIE models, immediately after a hard reset is performed, ClieDemo and PGPocket data will be uncompressed in RAM. As this consumes a lot of space, the restore procedure may fail. To avoid this, the ClieDemo (Creator ID = "CLie") and PGPocket data (Creator ID = "IMVS", Type = "IMVS") are deleted by McFile before performing the restore procedure.

*The above files contained in the backup set are not deleted

[4] A hard reset erases all the contents of the Palm device and restores it to factory defaults. If this is performed unnecessarily, data may be lost so care is needed in its use. Please consult your manual on how to perform a hard reset.

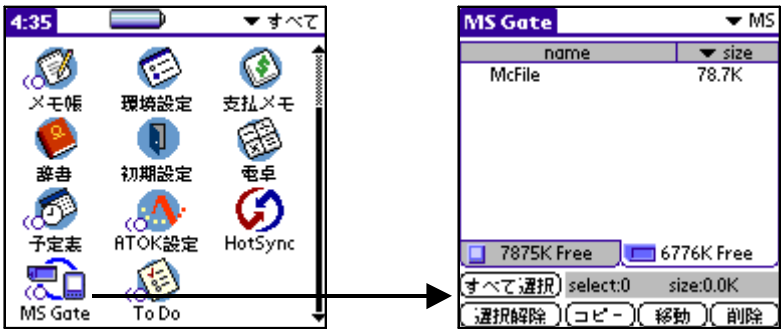
The restore procedure is described below. It should be noted that depending on the contents of the databases, the operation may be somewhat complex.

1 Set the memory card to a read-write mode beforehand (Should the restore procedure fail in the middle of the process, details will be written on the memory card)

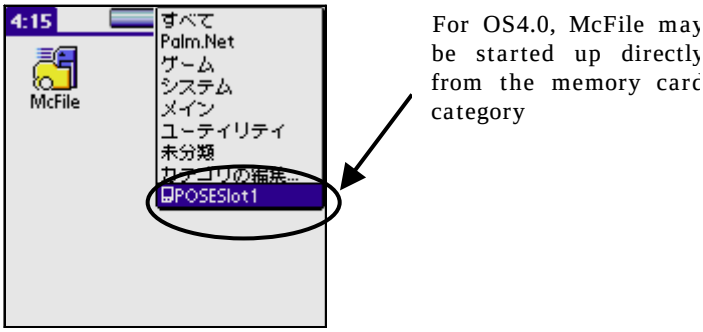
2. Perform a hard reset to clear the memory of the Palm device.

3. Restore McFile from the memory card (The process will differ according to the OS version)

* For OS 3.5, use the manufacturer's file manager to copy McFile from the memory card to the Palm device.(The procedure for CLIE units is shown below)




* For OS4.0, McFile may be started up directly from the memory card category.

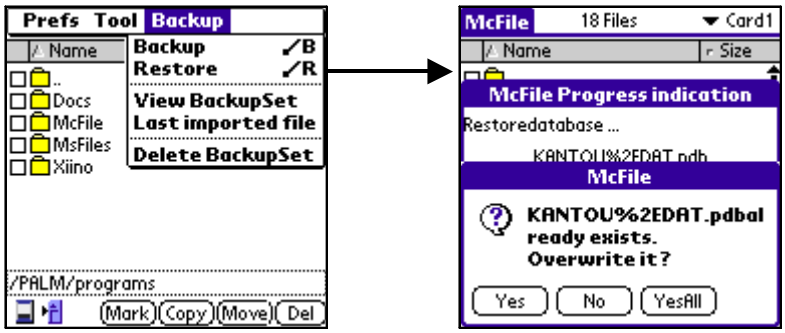



4. Start McFile

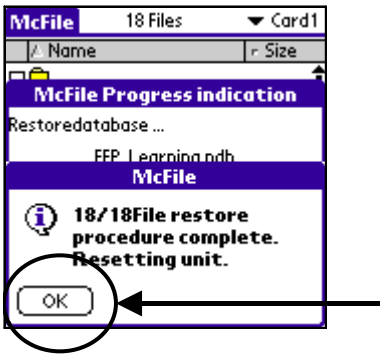
5. Select Backup -> Restore from the menu

6. The restore procedure will begin. A confirmation message asking to overwrite files

will appear at times, press the button to continue. (McFile will not be restored so the number of files being restored will be shown as the number of files backed up -1)




7. If the process goes smoothly, the restore procedure will end at this point. Tap the OK button to reset the Palm device.



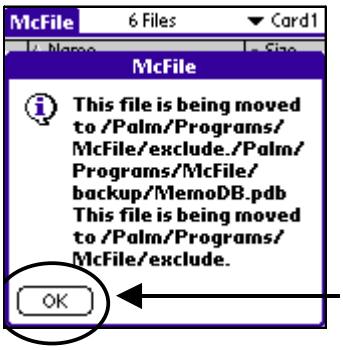

Tap the OK button to reset the Palm device

**8. Should a reset or Fatal Exception arise in the middle of the restore procedure, perform a hard reset and follow the procedure below:**

9. Restore McFile from the memory card once more according to step 3

10. Select Backup -> Restore from the menu (this is the same as the normal procedure)

11. Tap the OK button when a message about moving the last database with an import failure shows on screen.

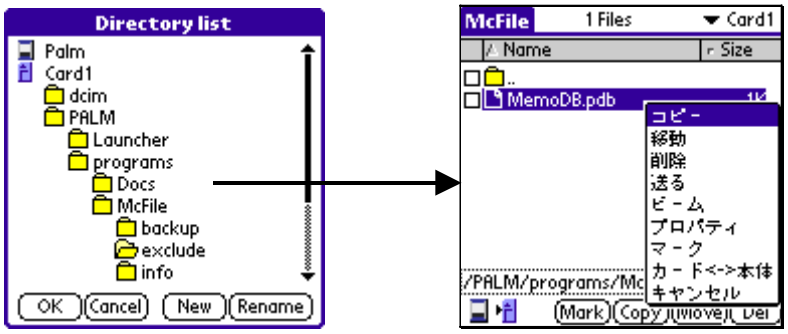



Tap the OK button to move the last database with an import failure and restart the restore processs

12. Repeat step 8 until no resets or Fatal Exceptions arise.

13. Once the restore procedure has finished, soft reset the Palm device

14. Once the Palm device has started up, start McFile and check the contents of the /Palm/Programs/McFile/exclude folder. Copy the files within back to the Palm device separately. Although they may cause errors when continuously Imported, copying them separately is successful almost all of the time.

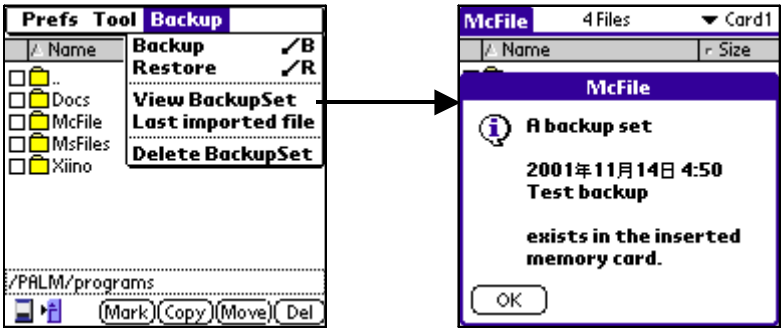



* The following restrictions apply in the restore process

- The restore procedure will fail almost all of the time if a hard reset is not done immediately beforehand.
- Due to OS restrictions, "Graffiti+ShortCuts.prc " and "Net+Prefs.prc " will not be restored. For Sony PEG-N700C models, "sonyres.prc" will not be restored.
- A partial restore cannot be performed. However, it is possible to copy files to the memory card from a PC and move them back to the unit
- Standard launcher category information may not be guaranteed immediately after a restore procedure has been performed, thus it may be necessary to reorder items.

## 13-5.Verifying a Backup Set

Selecting Backup->View Backup Set from the menu allows one to check the contents (name) of the backup set saved on the memory card.

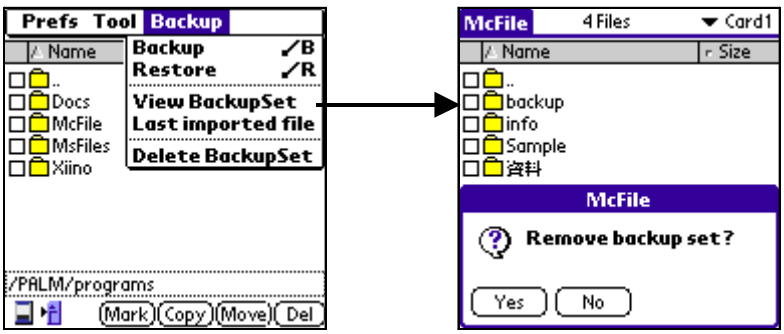



## 13-6.Checking the last Database Import Failure

Selecting Backup->Last imported file from the menu allows one to view the name of the last file imported in the case that restoration of a backup set should fail. It should be noted that only the last import failure can be checked in this manner. To view the list of all files that failed to be imported, check the /Palm/Programs/McFile/exclude folder.

## 13-7.Deleting a Backup Set

Selecting Backup->Delete Backup set will allow one to delete any existing backup set in the currently inserted memory card. Use this function before creating a new backup set.

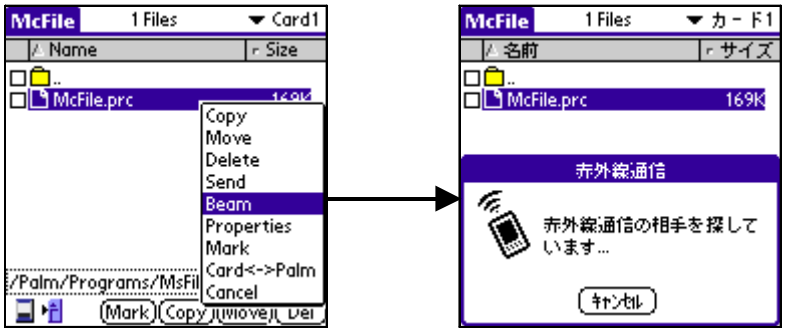


# 14.Beaming

McFile is capable of not only beaming any database but also sending and receiving files on the memory card. Beaming files to and from the memory card is different from standard PalmOS beaming as not only prc and pdb files, but also normal PC files (.exe, .jpg etc) can be beamed. However, the internal program logic used by the PalmOS for beaming is applied, thus the maximum file size that can be sent this way will be 80%-90% of the available free space in the unit.

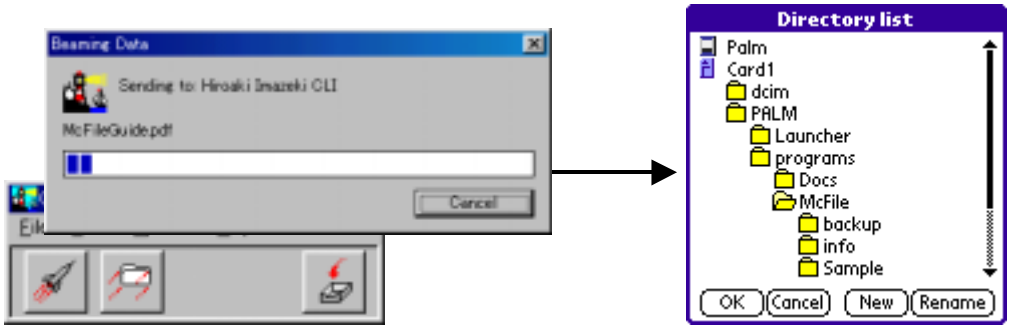
## 14-1.Sending a File

Upon selecting "Beam" from the file operation menu, beaming preparations will begin with copying the selection into the main unit's workspace. Once this finishes, beaming will automatically begin (which is the same as the standard beaming procedure).



## 14-2.Receiving a File

In contrast to standard beaming, it is necessary for McFile to be operational when receiving a file. With the memory card inserted, open McFile to the file list. Upon receiving a file from another Palm unit or IrOBEX file transfer based unit 3, the directory selection screen will appear. Select the desired location in which to save the file.




## 14-3.Applications of the Beaming Function

Files other than .prc and .pdb received through McFile can be saved on the memory card. In this case:

-By saving .txt files to the /Palm/Programs/text folder ,it is possible to view the contents with J-DOC Reader,making it unnecessary to convert the file to DOC format.

-It is possible to transfer not only programs but also files such as .zip archives between Palm units.

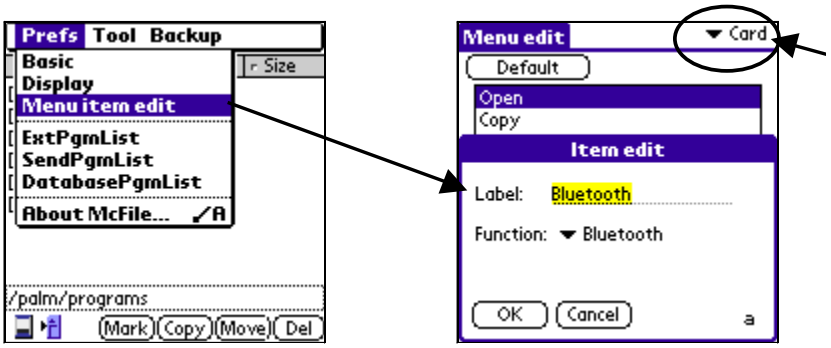
-Transfering files from a company laptop computer to the Palm unit and then viewing the files on a home computer is possible.

-It is possible to make separate backups for other Palm databases. It is also possible to send and restore these databases through McFile.

## 15.Bluetooth

Transmission and reception of a file are possible for McFile like infrared rays using Bluetooth apparatus corresponding to BtOBEX after OS4.0. For example, it operates in the environment for which the file transmission from a home screen is possible using PEGA-MSB1 etc. The operation method and restriction are the same as that of beaming fundamentally. Please refer to the item of beaming.

In addition, when you use McFile from Ver.2.1Beta4 or before, Bluetooth is not displayed on a file operation menu. In such a case, please add Bluetoot item as follows using the edit function of a menu item.



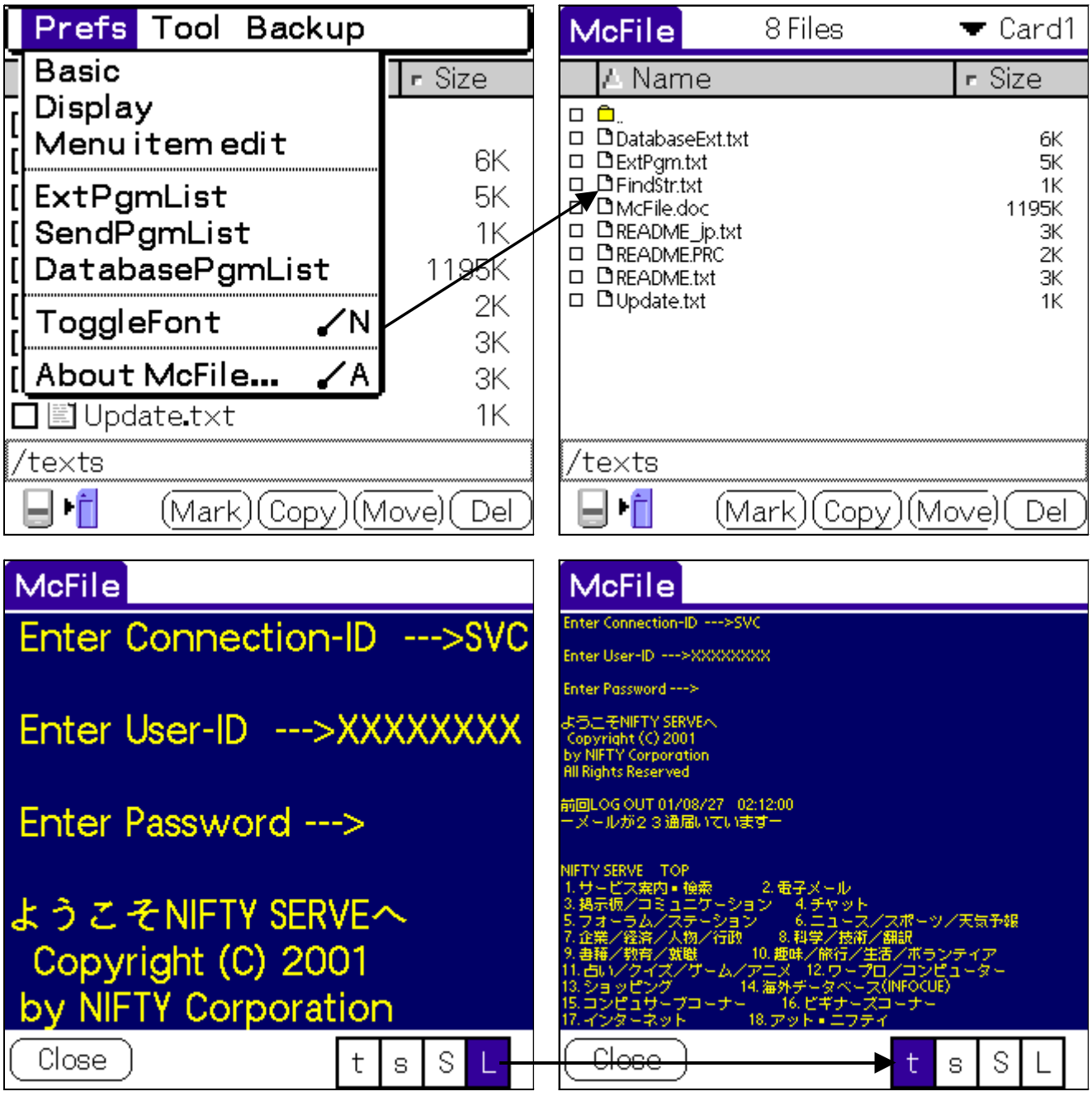

Please carry out an addition with both Palm and a card.

In addition, when a memory card slot is occupied by Bluetooth, it is enabled to transmit and receive a file by using PalmRAMDisk as a buffer. PalmRAMDisk is the product of Handwatch.com.

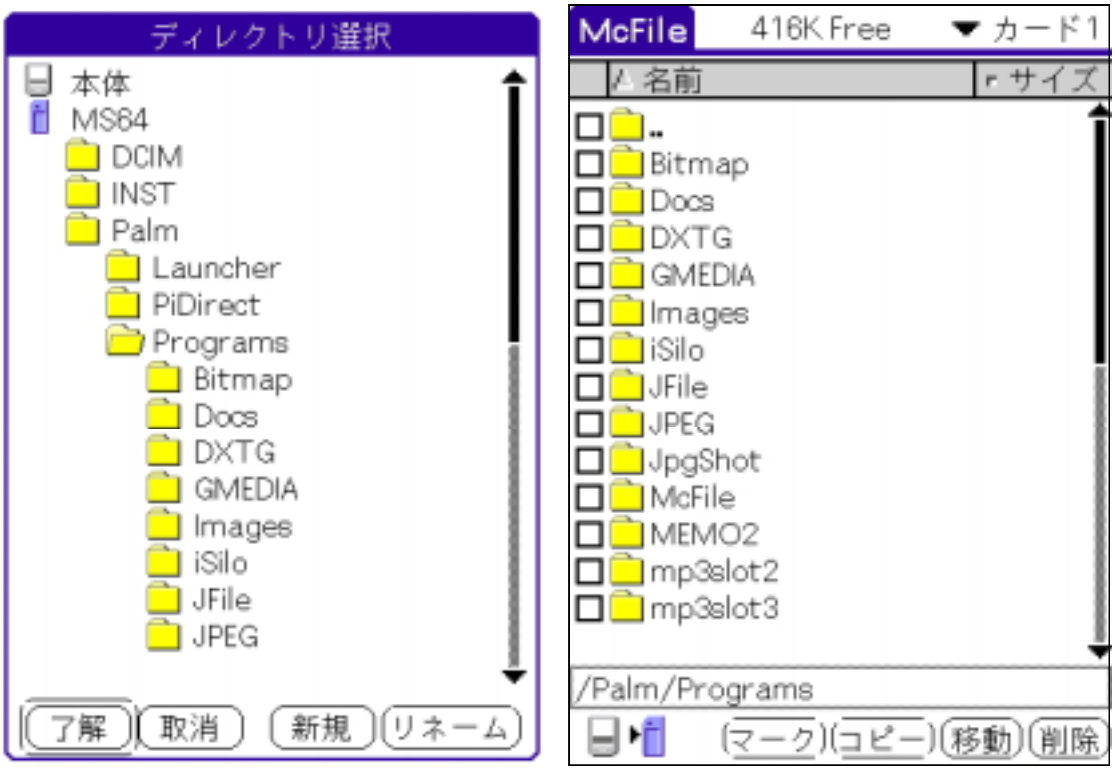
# 16.Operation on Hi-resolution Models

## 16-1.Sony Hi-res Library

Selecting Prefs -> ToggleFont will switch the font between the standard and small fonts.
In McText, tiny, small standard and large font sizes can be used for display.

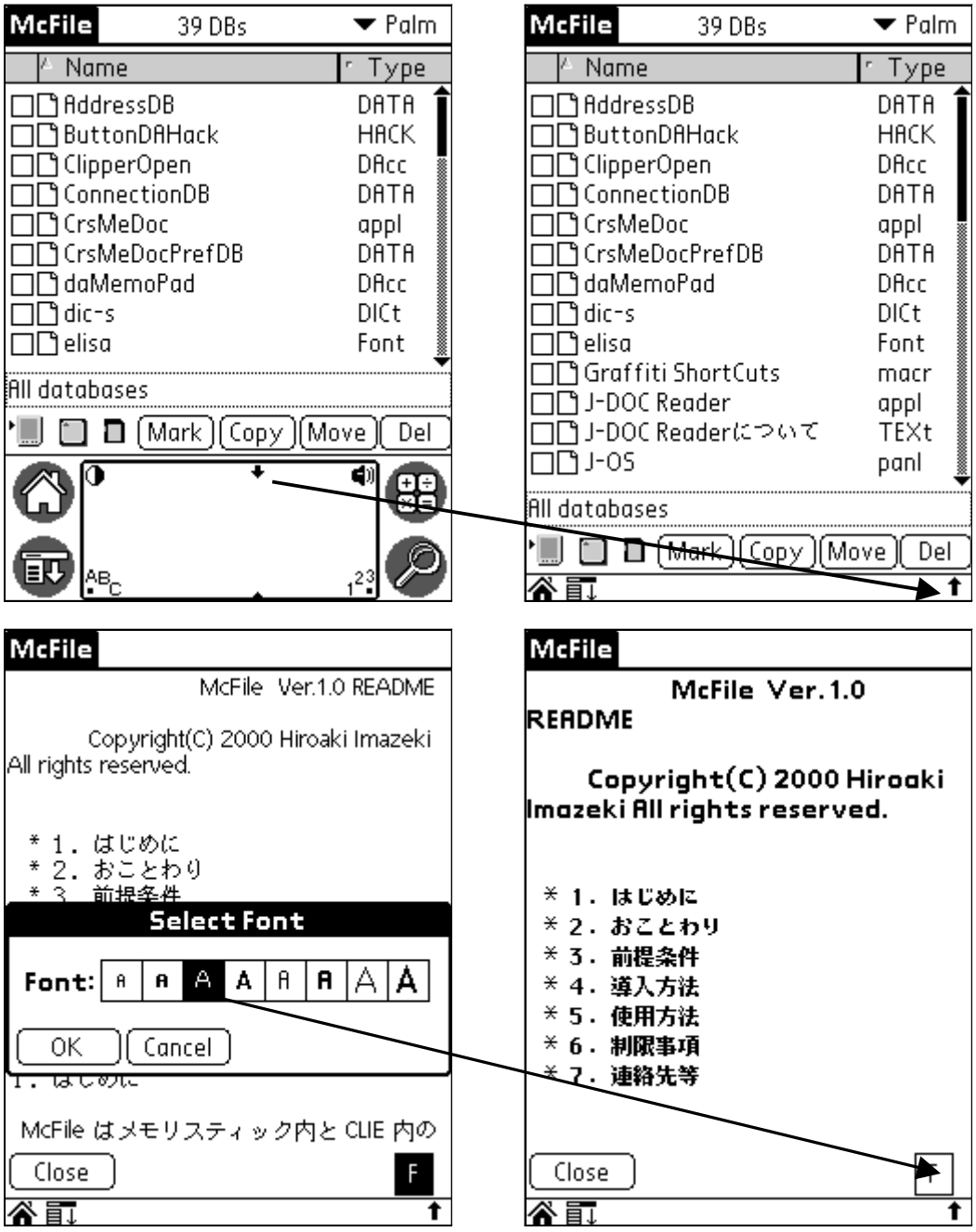


Moreover, the longwise wide screen is also supported.



16-2.HandEra QVGA

McFile is compatible with hiding the virtual Graffiti area. In McText, fonts that make use of the QVGA library can be used for display.



# 17.Miscellaneous (Limitations, Hints, etc)

## 17-1.Shortcuts

Shortcut files created under Windows are recognized as ordinary files by McFile and thus do not function as shortcuts. For instance, a directory shortcut will be recognized as a file.

## 17-2.Formatting the Memory Card

When formatting a memory card under windows, the allocation unit size will vary, thus greatly increasing the time needed for the Palm to work with it. It is recommended that the memory card be formatted according the manufacturer's specified method (such as with the format function included with the model, if any).

## 17-3.Renaming a File

Renaming a file on the memory card will not change the name of the file when used in the Palm unit.
For example even by doing the following:

-MailDB.pdb is copied from the Palm unit to the memory card
-The copied file in the memory card is renamed to MailDBtest.pdb
-MailDBtest is copied back to the Palm unit

MailDBtest.pdb will be copied in the Palm unit as MailDB.pdb.

## 17-4.Long Paths

When deep into the directory tree, the path name may not fit entirely into the directory button at the bottom of the screen. In times like this, tap the directory button and verify the current directory through the directory selection screen.

## 17-5.Copying Several Files

In order for McFile to copy a directory tree properly, it is necessary to create a file list in advance. For this reason, copying several files at once may not work at times. Normally, the limit will be around 300 files..

## 17-6.Operations during File Import

When installing a prc file to the Palm via a HotSync, a message regarding the prc file is passed by the PalmOS indicating that the file was installed through a HotSync. Depending on the application, receipt of this message will allow initialization to take place, such as prompting for a reset when installing system programs. It should be noted that when McFile imports prc / pdb files to the Palm device, this message is not passed.

## 17-7.Useful Applications

It is possible with McFile to set up associations with various applications. Sample settings are included in the package. To make use of these settings, install the following applications. The range of file / database management will thus become greater.

TableViewer

A Drag&Drop module capable of handling comma delimited text tables created by Fukumoto. A sample setting has been created for .csv extensions.

-> http://www.umap.net/

Crs-Me-Doc

A DOC viewer created by Takahashi. A database association has been preset for prc(REAd:TEXt) and pdb(REAd:TEXt) extensions

-> http://isweb41.infoseek.co.jp/computer/crspalm/

PenDoc

A Japanese DOC editor created by Nyuko. Preset as a DOC editor in database associations

-> http://www.juno.dti.ne.jp/~nyuko/index.html

17-8.Backup and Restore with a PC

The backup files created by McFile are all normal files and are copied into the /Palm/Programs/McFile/Backup folder. Thus, if a restore by using McFile should fail, it is still possible to do a restore through Pilot-xfer,SyncWizard and the like. Conversely, backup files obtained by Pilot-xfer copied to the above folder can be restored by McFile. For OS 4.x and above, the use of SyncWizard is recommended as it can also make use of a USB connection.

While not related to the use of McFile, an example of using Pilot-xfer with a CLIE (PEG-S300/S500C/N750C) USB cradle under Windows 2000 is described below:

-First, expand the port tree in the Device Manager obtained by (COM/LPT) by Control Panel -> System -> Device Manager

-Perform a normal HotSync and note down the added port when the sync is performed

-Stop the HotSync manager (but leave the USB switcher as is)

-Prepare Pilot-xfer for execution

- Press the HotSync button (this is the reverse of the normal procedure)

- Using the -p option of Pilot-xfer and specifying the port noted above, execute Pilot-xfer. Pilot-xfer will operate through the virtual port created by the USB switcher

## 18.Developer Contact Information

Send e-mail to:

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Also, you can find the latest information at:

http://www.jade.dti.ne.jp/~imazeki/palm/