FM/2

The Swiss Army Knife of File Managers

Warpstock Europe 2015

Basic File Functions

- Most of these can be performed multiple ways
  - Menus
    - Enhanced in 3.23
  - Accelerator keys
  - Drag & Drop
  - Direct editing
    - Caused memory leaks when used in directory containers (fix in development)
- Some allow you to transparently use your own favorite tool.
  - Compare

Object Creation

- Creates real objects and shadows

- Creates Java executables from jar files

    - Java exe is user selected

    - FM/2 saves the selection

    - User can change it at anytime

    - User selects the icon (desktop restart recommended)

- Change use to create all the objects for an application including a new folder

    - Broken in some cases in 3.23 (my bad)

File Viewing

- A basic viewer and a file editor are included

  - Viewer email and url link identification greatly enhanced

- The FM/2 utilities provide a basic image viewer and use to provide a media player

  - Use MMOS2

  - JPEGs aren't opened because JPEGIO does report what it shows

  - MMOS2 broken by MMIOMP3

    - Reports it plays most anything so media play try's

File Viewing

- Associations

  – Why we have our own

  – Using OS/2s

- Commands

- Toolboxes

File Viewing Cont

- Archives*
  - Fixed string handling for extract path creation
  - Requires the archiver executable (e.g. unzip.exe) be in the path.
  - Supports 12 different types of archives
    - 33 total versions You can add your own
- INI Files*
- Regular & Extended Attributes
  - Now shows when Eas are flagged as critical
    - Stand alone version included

File Organizing Tools

- Compare directories

  - Custom directory syncing

  - Compare to a snapshot file

- See all files*

  - View and manipulate all the files on a drive

- Seek and scan files*

  - Dup finder

  - Save common searchs

  - Search as much or as little of the system as needed

    - * Stand alone version included

File Organizing Tools

- File collector*

  – Mass act on individual or multiple file types across directories, drives or the entire system

- INF/HLP Bookshelf Viewers*

  – Show all the hlp/inf books available in your help and bookshelf paths

- Clipboard/List Files

  – Provide a list of files to ours with as few or as many details as needed

    - * Stand alone version included

Drive Organizing Tools

- Directory Sizes

    – Will show what is hogging all that space

- See All Files

- Vtree

    – Drive tree use instead of the drives folder

Configuring for Different Tasks

- States

  – FM2Shutdown

- FM/2 Command line

  – -X:\UNIQUEDIR\MYINI.INI or Directory name(s)

  – Make a different object for FM/2

- Commands & Custom Toolboxes

- FM2 Lite

- Vtree/Vdir

Remember the Regular Things

- User directories

- Recently used directories

- Search patterns

- Command lines

    – Environment

- Filters

- Remapped Drives

- Default Target

Recent Changes

- Java object creation

- Fixed 1 of 2 traps that occur on rescan before scanning is complete

- Unlock

  – Fixed redundant error messages

  – Will only try to unlock dlls and exes

- Readonly check

  – Now works as expected

  – May occasionally ask again after don't ask on tree deletions

Recent Changes

- Added information on FM/2 as a WPS replacement to help files; a few additional documentation updates.

- Enhance compare directories to allow inclusion of subdirectories or use of a list file on opening

    - Fixed failure of list file loading

- Added a warning dialog when a delete, copy or move operation which replaces/deletes a read only file.

Recent Changes

- Cosmetic

  – Menu toggle for drag&drop and delete dialog use

  – Removed FM2Play

  – Update suggest dialog

  – Details view column allocation on not ready drives

  – Tree container draw error

  – Limited help open on quick settings page to once per session

What Are We Doing Now

- 3.24
  - Fix trap on rescan while scan is running
    - Heapchk hell
  - Fix failure to made multiple real objects in some cases
    - Fix is complete
  - Fix memory leak with direct edit of filenames in directory containers
    - John has fix not yet checked in

Issues

- RWS most of the code to impliment using WPS association icons has been written
    - Problem is that on desktop restarts the icons are lost (actually make sense) Unfortunately, FM2 becomes unstable even if the directories are re-scanned to restore the icons
    - Does anyone have experience with RWS and have a solution.
    - Is there a way to detect a WPS restart and restart FM/2

Issues

- Some of the lazy load icon code is done.

  - Potential for Heapchk hell

- Does anyone know of any example code for using container deltas?

Thanks

- Development Help Welcome
  - OpenWatcom
- http://svn.netlabs.org/fm2
- ygk@qwest.net
- Binaries available on Hobbes & Netlabs