

SECUREFM WITH MENUMAGIC 6.3 RELEASE NOTES

These notes describe issues that are specific limitations regarding this particular release. Some of the notes will not make sense until one is familiar with the functions in the plug-in.

Note that you will be able to upgrade your Menu Editor and Menu Table files when we release the next version, so you will not need to recreate your menu definitions.

COMPATIBILITY:

SecureFM Functions: Mac OS X and Windows XP

The core security functions that allow you to disable menus and menu items, remove toolbars, and prevent unauthorized menu modification with passwords are all part of SecureFM collection of functions. In addition, you can create menu definitions that apply only to specific files or act as a default configurations that apply to all files.

The SecureFM functions are:

- Menu-Disable
- Menu-Toolbar
- Menu-Menubar
- Menu-Statusbar
- Menu-Register
- Menu-Version
- Menu-SetStartup
- Menu-IsFrontWindow
- Menu-StoreText
- Menu-GetText
- Menu-ExtractParameter

All of these functions are available with a SecureFM license and work on Windows and Mac OS X. (SecureFM 6.2 will also run on Mac OS 9.)

MenuMagic Functions: Mac OS X and Windows XP

The MenuMagic functions further allow you to rename FileMaker's menus and menu items and repurpose menu items to call you own scripts, giving you the ability to create highly customized solutions. Other MenuMagic functions will trigger a script every time a new file window comes to the front, trigger a script every time a field is modified, trigger a script from a calculation, and many others

The MenuMagic functions are:

- Menu-Rename
- Menu-Script
- Menu-Event
- Menu-PerformScript
- Menu-GetMenuSelection
- Menu-GetScriptCaller
- Menu-DoFMPMenuItem
- Menu-HotKey

These functions, along with all of the SecureFM functions listed above, are available with a MenuMagic license. This release works specifically on versions of Windows from Windows 98 to Windows XP, as well as Mac OS X.

Important: OS Compatibility and Security

Beginning with versions 6.3.3/7.0.3, SecureFM with MenuMagic is designed to work with the latest versions of Windows XP and Mac OS X.

Although SecureFM 6.3.3 generally will work correctly with earlier versions of the Mac OS X and Windows, it is only thoroughly tested for security and functionality on the latest OS versions. If you want to use SecureFM on systems running older versions of Windows and Mac OS X, you may need to use SecureFM 6.3.1/6.3.2. Always test essential functions first, especially when deploying on systems that are not up-to-date!

If you are not able to control which version of the system software your SecureFM-protected files will be run on, you may want to test for system version in your scripts.

License Keys

If you are a registered owner of SecureFM 6, your license keys will work with this version of SecureFM. The plug-in will work with your existing strings in your solution as well – with a couple of minor exceptions which are documented in the ‘What’s Different’ .pdf file.

Compatibility with other plug-ins

SecureFM with MenuMagic may not work reliably when other plug-ins which alter or manipulate the FileMaker menus or FileMaker windows are installed.

Specifically, certain functions in SecureFM cannot be used in conjunction with any other plug-in that manipulates the file window titles. SecureFM needs the window titles to be unaltered to find the front window.

If you want your solution to also rename file window titles (using some other plug-in or technique), one possible workaround is to always include the renamed file window title (as the file name within brackets "[]") when specifying a script -- even when the specified script is not located in an external file. However, any plug-in which does this may still conflict with SecureFM for other reasons.

IMPORTING RECORDS FROM OLD EDITOR AND TABLE FILES

Beginning with SecureFM 6.2, you can easily import records from old Menu Editor and Menu Table files so you don't need to redefine menu sets every time you choose to upgrade SecureFM.

To import records from an older set of files, follow these steps:

- Make a copy of the old SecureFM Menu Editor.fp5 and SecureFM Menu Table.fp5 files.
- Make sure they are named "SecureFM Menu Editor copy.fp5" and "SecureFM Menu Table copy.fp5", respectively.
- Place both files in the folder containing the new Editor and Table files.
- In the *new* Menu Editor file, select the "Import Editor and Table Records" script from the Scripts menu.

Important: Be aware that this import process first *deletes* all records currently held in the Editor and Table files. The import replaces the records in the new files. If you want to keep the sample records that come in the demo files, you should duplicate the entire set of new files before beginning the import procedure.

LIMITATIONS, BUGS, WORKAROUNDS, AND BEST PRACTICES:

Note: Most of these issues are obscure, but it is important to know of them in case they apply to your use of SecureFM with MenuMagic.

Potential File Sharing Problem on Windows

A known issue in SecureFM 6.3 for Windows exists that prevents a file's sharing settings to be set to Multi-User when SecureFM is registered with a "SecureFM-only" (non-MenuMagic) registration key. We are aware of the problem and will offer a fix soon.

Auto-Update Bug on Windows

A known issue exists in SecureFM 6.3 that can, in some limited cases, cause a freeze or crash when FileMaker Server attempts to auto-update the plug-in on some versions of Windows. Specifically, the problem seems to manifest when file windows are rapidly opening or closing when the auto-update occurs. We will fix this bug in a future release of SecureFM 6.x.

No Renaming or Scripting of Submenus

It is not possible in this version of SecureFM to rename submenu items, nor to call scripts from submenus. However, disabling a menu item that has a submenu will cause the submenu not to appear. Also, the GetMenuSelection function does not return values for submenu items.

Renaming Scripts Menu Issues

Attempting to rename menu items in the Scripts menu will cause SecureFM to respond with an error. (You can rename the ScriptMaker menu item without getting an error, but renaming it is unstable and not recommended.)

Menus not Removed on OS X

Menu-Disable does not remove menus on Mac OS X. The code to remove a menu <-1> is treated on OS X the same as the disable entire menu code <0> resulting in the menu being grayed out.

You can, however, use the new Menu-Menubar function to completely remove the menubar.

For a more complete explanation of this limitation, see the documentation on the Menu-Disable function in the User Guide.

Limitations in Controlling the Application Menu on OS X

Attempting to disable “Services” in the OS X application menu returns an error. If you disable the entire OS X application menu, the Services menu item will be grayed out and unselectable, but its associated command keys will still work. The only way to completely disable Services is to use the new Menu-Menubar function.

The Hide and Show menu items in OS X’s Application menu cannot be scripted by the Menu-Script command.

The Menu-DoFMPMenuItem function returns an error if you attempt to use it to trigger any items in the “FileMaker Pro” application menu.

Disabling Contextual Menus in Layout Mode Disables Other Palettes on Windows

On the Windows platform, when contextual menus are disabled in Layout mode "<*>:<20,L,<-1>>", other layout palettes and popup menus are also disabled. For example, in layout mode you can no longer select the color palette in the status area on the left.

Disabling Restore Can Create a User Trap on Windows

If you disable the Restore menu item in the Windows Application System menu, the application window, of course, cannot be restored. This can, however, create a problem if a user clicks on the desktop item in the Windows system bar. Doing this automatically minimizes the FileMaker Pro application windows, and you cannot then restore the application window by clicking on it from among the file/folder tabs list. The only way to regain access to FileMaker Pro (without doing a force quit) is to click on the FileMaker icon (near the desktop icon) in the task bar.

Paste Cannot be Renamed on Windows

The Paste menu item in the Edit menu cannot be renamed on Windows.

On Windows, Style Keyboard Commands are Not Disabled

On Windows, disabling the Style sub-menu in the Format menu "<filename>:<5,B,<3>>" disables the sub-menu properly. But if you highlight some text and type Ctr-Shift-B, the highlighted text will still be made bold.

Hot Keys Run in FileMaker Dialogs

The Menu-HotKey function continues to be active when FileMaker Pro dialogs appear, but the scripts that get triggered run only after the dialog is closed. This can create an odd situation of typing a key combination when a dialog is open and nothing happens, but immediately after the dialog is closed the script begins to run. You must particularly be aware of this in the case of dialogs that have special control key combinations, such as in the Define Fields dialog, since Hot Key combinations may override them.

Function Keys That Aren't Overridden by Hot Keys

On OS X Panther, the Expose shortcut keys supercede Hot Key scripts. The function keys F9, F10, and F11 (the default Expose shortcut keys, unless changed in the System Preferences) will still call Expose functions, even if you have assigned Hot Key scripts to those keys.

On Windows, even if set to call a Hot Key script, the F1 key will still call up the Help Topics window, but the Hot Key script will run in the background.

Be Careful Not to Get Trapped with the New Menu-Menubar function!

Because the Menu-Menubar function globally removes all FMP menus while disabling all keyboard commands, you must be very careful not to get trapped! Once the menu bar is removed, you cannot open ScriptMaker or call any scripts, except by button – even to restore the menu bar. If you also disable window widget buttons, you cannot quit FileMaker Pro or even close file windows unless you have scripted buttons on an accessible layout to perform those functions or restore access to the menus and widgets.

You must also be careful not to close all files or minimize all file windows with the menu bar removed.

Blank Menubar Restored When Maximized on Windows

On Windows, if the menu bar is removed and then the file window is maximized, a blank menubar appears with only a close box but no other window widget buttons visible. If you then use Menu-Menubar to restore the normal menu bar, the missing widget buttons do not reappear.

OS X Menubar Minimize Issue

On OS X, if you use Menu-Menubar to remove the menu bar but leave the widgets active (“0|1”), clicking the yellow minimize button (or double-clicking the window title bar) does nothing. If you then restore the menu bar and look at the OS X dock, you will see several identical icons for each time you attempted to minimize the file window.

Potential Conflict with Other Scripts Set to be ‘Paused for Duration’

Scripts called by the plug-in can permanently pause other scripts with a ‘Pause/Resume Script’ step set to pause for a specific length of time. This issue is not specific to SecureFM; it can occur with any script that is triggered by any ‘event plug-in’ which calls scripts. New Millennium released a feature a couple of years ago in our DialogMagic plug-in, ‘DM-Enter’, which is designed to address this issue.

The issue is this: Scripts called from an external API will not run until any other script that was already running either completes or pauses. The problem occurs if the previously running script is designed to be ‘paused for duration’. In this instance, the externally triggered script will run, but the original script’s pause will never run out, it remains in a permanently paused state.

The behavior is exactly as if a button were clicked which was set to ‘Pause’ the current script (as opposed to Exit, Halt, or Resume).

There are three solutions to this:

1. Don’t do it (don’t use ‘pause for duration’ in conjunction with externally triggered scripts).
2. Have a ‘Halt Script’ step at the end of the externally triggered script (obviously, the original script will not be completed).
3. Use DialogMagic’s ‘DM-Enter’ function to emulate an ‘Enter’ key action at the end of the externally triggered script. You can specify the length of time until the Enter key emulation action occurs.

Scripts Timing Out

If a script is called by the WindowActivate, ScriptError, or PerformScript functions, and another script is running at the time and continues to run for a long while, the plug-in may ‘time-out’ and the script may not ever be run.

Slow Performance on a Network when a Script is Not Found

A few second delay can be perceived and a ‘network cursor’ may be seen when a script is called, either from a menu item or by any of the other functions which can trigger scripts, under the condition when the specified script cannot be found or is not available to be run because another script is running. This can generally be avoided by careful design of solutions.

No Editor Interface for OS X Application Menu Rename and Scripts

This current version of the SecureFM Menu Editor file does not have an interface to define scripts or renaming of OS X “FileMaker Pro” Application menu, even though MenuMagic can actually script and rename this menu do. If you want to script or rename OS X’s Application Menu, you must create that portion of the Menu-Rename and Menu-Script strings manually. **Caution:** Be aware of the potential problems mentioned above when renaming this menu.