

Shutdown Delay documentation

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• Introduction

- ◇ **Shutdown Delay** displays a dialog at **Restart** and **Shut Down** time which gives the user five choices:
 - **do nothing** and let the Mac complete the original command;
 - **cancel** and smoothly return to the calling application;
 - **restart** the Macintosh;
 - **shut down** and turn the power off;
 - **force a quit** and attempt to return to the Finder.
- ◇ Note: the Finder will attempt to close all applications **before** Shutdown Delay is called.
- ◇ Shutdown Delay only requires about **5K** of system memory and **20K** on the disk.

• Tech notes

- ◇ Some programs don't expect the Mac to return from a restart or a shutdown and may crash if you try to cancel the command. Unfortunately, there's no way for Shutdown Delay to know if Cancel will work before you try it and see what happens. On the other hand, it works fine in the Finder (under both systems 6 and 7); since this is the application from which one usually issues these commands, you shouldn't have any problems if you don't use weird applications. If you do, there's an option that disables the Cancel button in any application other than the Finder (that's for your comfort only, since Cancel is never called if you don't explicitly click the button).
- ◇ Versions 1.22 and later have an extra feature that can help when applications do not handle the cancel button properly: calling Force Quit tries to exit the current application and return to the Finder. If the current application is the Finder, it is reloaded and restarted. This can also be useful if you want to rebuild your boot disk's desktop at Finder startup without actually restarting the Mac.
- ◇ Note: Since the bypass keys are checked when the Shutdown or Restart routine is called, you have to hold them down until you see the Mac has actually shut or restarted. For example, if you call Restart from the Finder when another application is running, the Finder will quit that application first and then it will call Restart. If you release the keys right after you choose the menu item, the dialog will appear because it can't realize you tried to bypass it.

• The control panel

- ◇ Double-clicking on Shutdown Delay's icon (under System 7) or selecting the icon in the Control Panel accessory (under System 6 and earlier) brings up a Control Panel. All changes you make will take effect immediately if Shutdown Delay is installed. If it isn't the Control Panel works just as well, but a message reminds you that you'll have to reboot. Please note that Shutdown Delay will not install at startup time if the On/Off switch is off (the reboot-to-install message will be visible).
- ◇ [On/Off] Activate/deactivate in case you don't have an extensions manager;
- ◇ [Time to wait] Time to wait before the issued command executes;
- ◇ [Show Dialog on Restarts] Show dialog at restart time or don't;
- ◇ [Show Dialog on Shutdowns] Show dialog at shutdown time or don't;
- ◇ [Options] Displays the options dialog.

• The options dialog

- ◇ [Shift+Ctrl+Opt+Cmd = bypass] Choose a key combination to bypass the restart and shutdown dialog, or uncheck all the keys if you never want to bypass;
- ◇ [Delete RAM Disk contents before Shutdown] Makes Shutdown Delay delete all files and folders in the RAM Disk after a Shutdown command is confirmed, so you don't get the alert that says "The contents of the RAM Disk volume will be lost by shutting down. Do you wish to continue?";
- ◇ [Leave "Cancel" button enabled out of the Finder] The Cancel button is always active in the Finder, but you may choose to disable it in all other applications if it is giving you trouble;
- ◇ [Leave "Shutdown" button enabled at Restart] You can always turn a Shutdown in a Restart, but you may choose whether to leave the opposite option available (if the option is disabled, the Shutdown button will be disabled at Restart time);
- ◇ [Black out the screen behind the shutdown dialog] Black out the main screen behind the restart/shutdown dialog or don't.
- ◇ [Show Shutdown Delay's icon at startup time] Show Shutdown Delay's ok/off/can't-load icon at

startup time or don't;

- ◇ [Hilite default button and accept Return key] If this option is checked, the original command's button is hilited and the Return and Enter keys mean "do it".
- ◇ [Show "Force Quit" button in the dialog] Adds an extra button to the shutdown/restart dialog that lets you quit the current application and return to the Finder (if you're in the Finder, it is reloaded and restarted).
- ◇ [Enable Command-Q = ExitToShell] If this option is checked, typing Command-Q acts like the button described above at #7.
- ◇ [Custom messages] The restart and shutdown messages can be changed (a typical use is to have your Mac say: "Don't forget to turn off the printer!").

• Version history

- ◇ 2.3.1 - Updated documentation and recompiled with CodeWarrior 9.
- ◇ 2.3 - Fixed a bug in the code that checks the bypass keys, updated to Apple's new window guidelines.
- ◇ 2.2 - Ported to Metrowerks CodeWarrior; reduced the system memory used by Shutdown Delay; added support for the INITGestalt 1.0 proposal by Jeremy Roussak and Rene G.A. Ros.
- ◇ 2.1 - Added an option to delete the RAM Disk contents before shutting down, so you can bypass the RAM Disk's confirmation dialog; fixed a problem that occurred when a shutdown was canceled at the "lose RAM Disk contents" dialog and the black out option was enabled; the online help now has pictures and an index.
- ◇ 2.0.4 - Added online documentation and registration and cleaned up the code.
- ◇ 2.03 - Recompiled with the latest version of the compilers and updated documentation.
- ◇ 2.02 - Added separate hour and minute controls for changing the delay time.
- ◇ 2.01 - Added special support for Fabrizio Oddone's DarkShutdown.
- ◇ 2.0 - Rewritten lots of code to use System 7's features. The restart and shutdown messages can be customized.
- ◇ 1.28 - The Info dialog in the control panel now behaves better with multiple monitors. A copyright message pops up in the shutdown dialog when you click on the icon.
- ◇ 1.27 - Correctly handles multiple-screen systems.
- ◇ 1.26 - Minor fix for the shutdown dialog (mouse up events weren't handled correctly).
- ◇ 1.25 - The "Black out screen" option now works better.
- ◇ 1.24 - Fixed the startup icon to auto-wrap when the startup icons reach the end of the screen.
- ◇ 1.23 - Fixed a bug in the Control Panel that could cause address errors on 68000-based Macs.
- ◇ 1.22 - You may now bypass the shutdown dialog and use a button or cmd-Q to force a quit.

• Thanks to...

- ◇ Alberto Ricci, Fabrizio Oddone, Pietro Ferrero, Giuseppe Carlino and all those who helped beta-testing this stuff.
- ◇ Steven Hackstadt, for his excellent suggestions.

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