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Clover boot flags

Running a Mac OS X for the first time on your Hackintosh can be a very complex process that often requires you to install special download options using evocative boots. For those of you who don't know, download flags arguments (pieces of data that you enter) to change the way that your loader works. The loader is a program that downloads Mac OS X. Although we've discussed previously how to use download flags at Chameleon and Chimera loaders that were officially the two most popular PC downloaders running Mac OS X, the os X release El Capitan has now turned its attention to a new and upcoming clover downloader. All Hackintosh installation methods for El Capitan, including the ever-popular Tonymacx86 Unibeast method, now use Clover. Unfortunately, the use of evocative boots on clover requires a slightly different technique than on Chameleon/Chimera (although most flags download themselves remain the same). That's what this guide is here. How to use temporary download flags on Clover On Chameleon/Chimera, you can enter a temporary download flag simply by typing it directly into your computer loader menu. In contrast, the process is a little more related to the clover. To enter a temporary boot flag into the clover, first run your computer and wait until you reach the clover download menu, which will look something like this (aka the Unibeast menu, assuming you installed OS X this way): Use the arrow keys on the keyboard to select the Options button at the bottom of the menu (if you used Unibeast, it's likely to be a button with a gear image). NOTE: There are technically two different button options - one for Clover Options, while the other is just Options. You want to choose Options. Open the options, click Enter on the keyboard (or Return, or spacebar). Here, use the arrow keys to select the Boot Args line. Click on your spacebar and then you'll be able to start typing the necessary boot flags. Click Enter when you're done. From here, go back to the original Clover download menu (you can press the Esc key and download OS X. Vual again! If you need help finding the right boot flags for your Hackintosh, check out our list of common flags downloading (this list is tailored to Chameleon/Chimera, but clover supports many of the same flags). Use permanent boot flags on clover Once you've managed to load into your Hackintosh, you'll probably want these flags downloaded to be permanent, so they'll be automatically entered into the downloader every time you start Mac OS X. This process is also a little more involved in the clover, compared to Chameleon/Chimera. chameleon.boot.plist essentially file settings for Chameleon/Chimera. Clover settings rely on text file called config.plist. However, the Clover file can be a little harder to work with, depending on your specific setup. So instead of editing the file directly, as we did with Chameleon/Chimera, we recommend that you download the free Clover Configurator app instead. DOWNLOAD: Clover Configurator Once you've downloaded it, open the Clover Configurator app (which comes in the qIP file). The main page of the app will display a certain number of seemingly identical files called config.plist, with an exact number depending on how many hard drives your computer has. Your actual config.plist file will be in your computer's EFI section. To change it, you first need to mount the EFI section, which is usually hidden when downloading OS X. To do this, click on the EFI Mountain button on the left column. Then, on the page that comes up, click the Mount EFI section. If you have a few hard drives, select the hard drive that OS X is currently downloading from. In the screenshot below, Clover Configurator tells me that I am currently downloading with disk0s2, so I choose disk0s1 (because it is part of the disk0). Once this is done, go back to the homepage for clover Configurator (clicking on the house icon in the bottom left corner) and click on the config.plist icon that goes EFI - EFI - CLOVER - config.plist. Once you have chosen the appropriate config.plist, the new clover Configurator window can pop up. Click on the Boot tab of this new window. From here you can choose and de-choose common boot flags as well as add your own! That's all you need to do to apply flag downloads to your Hackintosh. (Any changes made to clover Configurator usually save automatically.) Once again, if you need help finding the right flags for your Hackintosh, check out our list of common boot flags. SEE ALSO: Common download options for Chimera, Chameleon, Unibeast, Nireshe SEE also: Hackintosh will not be downloaded? Here's how to use wordy mode to fix it. Instantly share the code, notes, and snippets. You can't do this at this time. You've signed up with another tab or window. Reboot to update the session. You subscribe to another tab or window. Reboot to update the session. Home - Configuration - Table of Arguments , you can add Boots Flags and Core Flags to be used by the system... Here we list only Clover's own Boot Flags, various flags, such as the npci'0x2000, npci'0x3000, darkwake-0, etc....., should work as expected... -v - Verbose Boot. -s - Boot OS X in single mode -x - Boot OS X in SafeBoot (Safe Mode). MountEFI=yes/diskX - Mount EFI section in each download or from the X (X - disk number). LogLineCount-0 - Set the maximum number of lines for the log file, by default 0 (without restrictions). LogLocation-PATH - Set the way for stored log files. LogEveryBoot-Yes/No - Save the Magazine Magazine In every shoe. Legacy's legacy needs to be downloaded for older versions of Windows and Linux. Much depends on the equipment and BIOS. Several algorithms have been developed to allow customization: LegacyBiosDefault - for UEFI BIOS variants containing the protocol LegacyBios PBRtest - PBR download algorithm PBR - Another PBR download algorithm Also, to download UEFI you can specify which HDD to download (not just the first). LegacyBiosDefault The loader will stop for 5 seconds after the start of the system. If the key is pressed during this time period, the countdown stops. Options: 0 - GUI is not called, os is downloaded instantly -1 - GUI is called, automatic OS downloads off Clover should be able to find the default record in order to automatically download to the OS see DefaultVolume below. NOTE: If the timeout integrator is set at 0, hold any key when you set up to call the loader's guigring interface. By default, Default Volume is used to indicate which record is the default download record in Clover GUI. See also DefaultLoader. It can be set to: Volume name - Volume name. For example, Mackintosh. GUID - Globally Unique Volume identifier shown in Clover download, preset, or debugging log. For example, 57272A5A-7EFE-4404-9CDA-C33761D0DB3C. Part of the device's path - Also featured in Clover magazines. For example, HD (1,GPT,57272A5A-7EFE-4404-9CDA-

C33761D0DB3C,0x800,0xFF000). LastBootedVolume - The last download volume will be the default one in Clover GUI. OS X Startup Disk can be used to reboot in another volume, but for the next reboot DefaultVolume will be used again. In addition to the default, the loader's path can be listed as DefaultLoader. This provides a more accurate default entry choice for volumes that have multiple loaders. The value can be the full way or a unique part like the name of the file. IgnoreNVRAMBoot ignores the Settings of the Startup Disk panel and lets you work on the same operating system at any time. Debugging formerly known as Logue before revising 3064, you can use this option to get the debugging output on the clover. This log can then be evaluated to find out what the problem is. ! WARNING the inclusion of this log will greatly increase the download time because it has to write a log to the drive as it goes. So please be patient and give a lot of time before you reset your computer. Fast Like setting a timeout to 0, but: nvram.plist will only be searched until the first appearance - not looking for the best video mode - not downloaded downloaded and graphics - no chance to log into the graphical interface after the inclusion of this option may not actually have much effect. Instead, you can try the user's compilation: - turn off the graphical interface in CloverEFI (a difference of 3 seconds) - only search for Sata0 drivers (a difference of 9 seconds) XMPDetection Or or false or false/gt; false-gt; no, discover the best eXtreme memory profile when memory is detected or XMP detects. The XMPDetection Safe Download Protocol By including this option in BIOS, many operating systems can no longer be downloaded, with the exception of Windows 8, 2013, and some Linux distributions. The goal is to use the clover while a safe download is enabled. Binary clover must be signed and certified to be downloaded. NeverHibernate disables hibernation detection. CustomLogo Or or zlt'gt; false/lt;t)/false/string/alternative/Theme/None/Path/lt'gt; true - Uses the default download style. Apple. false - Disables the custom download logo. Apple - Use the default grey on the grey apple logo. Alternative - Use alternative white on the black apple logo. Theme - Use the theme download screen to enter the type - NOT IMPLEMENTED. No - Use no logo only background color, gray unless indicated by the custom entry. Path - File Path to download a user image from - A base64 encoded data PNG, BMP or ICNS. If the option is not specified, the download screen will be drawn only for 10.10 euros Yosemite, so it remains compatible with previous behavior. The CustomLogo key can also be used in gui/Custom/Entries in conjunction with BootBgColor for a different screen for each OS. However, the graphics output protocol is not in any way altered, so if the OS draws after it starts, then this is after the screen is downloaded and will rewrite the custom logo, at least for now. HibernationFixup Rev 4223 <key>HibernationFixup Для</key> использования в <true></true> режимах Hibernation 25 и 3 с Lilu.kext и HibernationFixup.kext. RtcHibernateAware Rev 4450 The problem of data leakage was revealed in the hibernation encryption code, allowing the transfer of the encryption key hibernation to the system through the RTC and save up hibernation without subsequent removal. More information can be found in this post. To solve this problem, a new option has been added that allows you to erase RTC memory after waking up from hibernation: Boot and RtcHibernateAware - YES (BOOLEAN, by default) This option relies on poorly documented (or rather undocumented) access to RTC memory, as well as an unspecified RTC memory layout that is specific to implementation. Although it is highly recommended to include if you rely on hibernation, it may not work on the data. equipment (should be good on the Ivy Bridge and new at least), and thus optional and disabled by default. Note that AppleRTC or FixRTC patches effectively disrupt sleep mode by reducing available RTC memory and avoiding saving encryption keys. You should turn them off if you don't have a problem with BIOS preferences after that or use HibernationFixup. However, if RtcHibernateAware doesn't work for you, the inclusion of the AppleRTC patch and the use of HibernationFixup may be a safer workaround. The revision of the 4515 Revision 4450 introduced a new key (Boot and RtcHibernateAware), which improved hibernation and reduced the impact of some security issues in the process. Since 10.13.6 a lot of outdated code got (finally) tossed on the Apple side, and some changes are needed to get hibernation to work on hacks. The revision of 4515 includes them in the clover. Mandatory things: 1) Clover should be r4450 and the new 2) AptioMemoryFix should be R20 (b83c025) or new 3) Download and driver updates) will benefit all systems (starting with Yosemite, if I remember correctly), not just 10.13.6 - OsxAptioFix1/2/3 will not work with hibernation on 10.13.6 or newer, and they can be removed from the default Clover installation in the future (update time). - If you can download from AppleRTC/FixRTC patches off without the BIOS settings to reset, disable them, they break things in macOS - If you have to use HibernationFixup, you can upgrade it to 1.2.1, currently only available from the source. Last but not least: If Hibernation doesn't work for you... Well, RIP. Believe me or not, it's not something you have to rely on. Especially if you care about the security and privacy of your data. SignatureFixup Rev 4270, if not SignatureFixup, will be zeroed out. Anyway, the signature needs to be corrected. If true, the value of the sleeping image If false, the value is zero, and it will be copied by the kernel into the image. Page 2 Home - Configuration - Table of arguments of the content of the content, you can add Boot Flags and Core Flags to be used by the system... Here we list only Clover's own Boot Flags, various flags, such as the npci0x2000, npci0x3000, darkwake-0, etc..... should work as expected... -v - Verbose Boot. -s - Boot OS X in single user mode. -x - Boot OS X in SafeBoot (Safe Mode). MountEFI-yes/diskX - Mount EFI section in each download or from the X (X - disk number). LogLineCount-0 - Set the maximum number of lines for the log file, by default 0 (without restrictions). LogLocation-PATH - Set the way for log files. LogEveryBoot-Yes/No - Save log files on each download. Legacy of the legacy of the legacy of the legacy of the Much depends on the equipment and BIOS. Several algorithms have been developed to allow customization: LegacyBiosDefault - for UEFI BIOS variants containing the protocol LegacyBios PBRrtest - PBR download algorithm PBR - Another PBR download algorithm Also, to download UEFI you can specify which HDD to download (not just the first). LegacyBiosDefault The loader will stop for 5 seconds after the start of the system. If the key is pressed during this time period, the countdown stops. Options: 0 - GUI is not called, os is downloaded instantly -1 - GUI is called. automatic OS downloads off Clover should be able to find the default record in order to automatically download to the OS see DefaultVolume below. NOTE: If the timeout integrator is set at 0, hold any key when you set up to call the loader's guiring interface. By default, Default Volume is used to indicate which record is the default download record in Clover GUI. See also DefaultLoader. It can be set to: Volume name - Volume name. For example, Mackintosh. 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This log can then be evaluated to find out what the problem is. ! WARNING the inclusion of this journal will significantly increase the time because he has to write a magazine to drive as he goes. So please be patient and give a lot of time before you reset your computer. Fast Like Setting Time Out to 0, but: nvram.plist will only be searched until the first appearance - not looking for the best video mode - doesn't load themes and graphics - no chance of entering the graphical interface Having this option enabled can't really have any big effect. Effect. You can try the user compilation: - turn off the GUI in CloverEFI (a difference of 3 seconds) - only search for Sata0 drivers (a difference of 9 seconds) XMPDetection OR OR No To Discover the best eXtreme memory profile when memory is detected or XMP detection is turned off. String The XMPDetection Safe Download Protocol By including this option in BIOS, many operating systems can no longer be downloaded, with the exception of Windows 8, 2013, and some Linux distributions. The goal is to use the clover while a safe download is enabled. Binary clover must be signed and certified to be downloaded. NeverHibernate disables hibernation detection. CustomLogo Or or zlt'gt; false/lt;t)/false/string/alternative/Theme/None/Path/lt'gt; true - Uses the default download style. Apple. false - Disables the custom download logo. Apple - Use the default grey on the grey apple logo. Alternative - Use alternative white on the black apple logo. Theme - Use the theme download screen to enter the type - NOT IMPLEMENTED. No - Use no logo only background color, gray unless indicated by the custom entry. Path - File Path to download a user image from - A base64 encoded data PNG, BMP or ICNS. 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