

# **[Sammelthread] MacOS Monterey 12.x DEV-Beta Erfahrungen**

**Beitrag von „badbrain“ vom 17. Mai 2022, 13:24**

das jetzt viel besser so als driver .efi:

### 11.7.1 ResetNvramEntry

Adds a menu entry which resets NVRAM and immediately restarts. Additionally adds support for hotkey CMD+OPT+P+R to perform the same action. Note that on some combinations of firmware and drivers, the TakeoffDelay option must be configured in order for this and other builtin hotkeys to be reliably detected.

Note 1: It is known that some Lenovo laptops have a firmware bug, which makes them unbootable after performing NVRAM reset. Refer to [acidanthera/bugtracker#995](#) for details.

Note 2: If LauncherOption is set to Full or Short then the OpenCore boot entry is protected. Resetting NVRAM will normally erase any other boot options not specified via BlessOverride, for example Linux installations to custom locations and not using the OpenLinuxBoot driver, or user-specified UEFI boot menu entries. To obtain reset NVRAM functionality which does not remove other boot options, it is possible to use the --preserve-boot option (though see the warning specified).

The following configuration options may be specified in the Arguments section for this driver:

- --preserve-boot - Boolean flag, enabled if present.

If enabled, BIOS boot entries are not cleared during NVRAM reset. This option should be used with caution, as some boot problems can be fixed by clearing these entries.

- --apple - Boolean flag, enabled if present.

On Apple firmware only, this performs a system NVRAM reset. This can result in additional, desirable operations such as NVRAM garbage collection. This is achieved by setting the ResetNvram NVRAM variable. Where available, this has the same effect as pressing CMD+OPT+P+R during native boot, although note that if accessed from the menu entry only one boot chime will be heard.

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Note 1: Due to using system NVRAM reset, this option is not compatible with the --preserve-boot option and will override it, therefore all BIOS boot entries will be removed.

Note 2: Due to using system NVRAM reset, the OpenCore boot option cannot be preserved and OpenCore will have to either be reselected in the native boot picker or re-blessed.

Note 3: On non-Apple hardware, this option will still set this variable but the variable will not be recognised by the firmware and no NVRAM reset will happen.

### 11.7.2 ToggleSipEntry

Provides a boot entry for enabling and disabling System Integrity Protection (SIP) in OpenCore picker.

While macOS is running, SIP involves multiple configured software protection systems, however all the information about which of these protections to enable is stored in the single Apple NVRAM variable csr-active-config. As long as this variable is set before macOS startup, SIP will be fully configured, so setting the variable using this boot option (or in any other way, before macOS starts) has exactly the same end result as configuring SIP using the csrutil command in macOS Recovery.

csr-active-config will be toggled between 0 for enabled, and a user-specified or default value for disabled. The default value is 0x27F (see below). Any other required value can be specified as a single number in the Arguments for this driver. This can be specified as hexadecimal, beginning with 0x, or as decimal.

Note 1: It is recommended not to run macOS with SIP disabled. Use of this boot option may make it easier to quickly disable SIP protection when genuinely needed - it should be re-enabled again afterwards.

Note 2: The default value for disabling SIP with this boot entry is 0x27F. For comparison, csrutil disable with no other arguments on macOS Big Sur and Monterey sets 0x7F, and on Catalina it sets 0x77. The OpenCore default value of 0x27F is a variant of the Big Sur and Monterey value, chosen as follows:

- CSR\_ALLOW\_UNAPPROVED\_KEXTS (0x200) is included in the default value, since it is generally useful, in the case where you need to have SIP disabled anyway, to be able to install unsigned kexts without manual approval in

problem is nicht arbeit von oc devs...problem ist nutzung von ocat ohne wissen was dass tool macht...jedes mal wenn du configplist oeffnest und speicherst ocat stellt configplist auf versionn wo in ocat eingestellt ist...bei dir ist dev eingestellt und nun hast du aktuelle dev configplist mit alten oc (opencore.efi) dateien gemischt.