

OpenCore Sammelthread (Hilfe und Diskussion)

Beitrag von „JimSalabim“ vom 12. April 2020, 18:29

[Arkturus](#) Siehe Configuration.pdf

8.5 Security Properties

- 1. AllowFirmwareReset**
Type: plist boolean
Fallback: false
Description: Allow OS=OPT+P+R handling and enable showing FWRM Reset entry in boot picker.
- 2. AllowSetDefault**
Type: plist boolean
Fallback: false
Description: Allow CTRL+Enter and CTRL+Index handling to set the default boot option in boot picker.

11 UEFI

11.1 Introduction

UEFI (Unified Extensible Firmware Interface) is a specification that defines a software interface between an operating system and platform firmware. This interface allows for boot additional OS's modules and to apply updates for the software firmware. It supports firmware updates, security notifications and performs operations UEFI-firmware and implements software can be used.

11.2 Drivers

Depending on the firmware a different set of drivers may be required. Loading an incompatible driver may lead your system to unbootable state or even cause permanent hardware damage. Some of the known drivers are listed below:

- AppleIraciController** ACPI IR controller controller driver adding the support of embedded ACPI devices in bootable OS'es operation in UEFI firmware.
- AppleHeci** HECI controller driver for UEFI firmware for serial boot and some other serial module connections. Refer to [AppleHeci/AppleHeci.kext](#) for more details.
- AppleHeci2** Programmable Boot ROM system driver for booting support commonly found in Apple firmwares. The Heci2 driver and earlier UEFI bootable driver should be used due to the lack of HECI2 controller support.
- AppleHeci3** Programmable Boot ROM system driver with more support commonly found in Apple firmwares. The Heci3 driver and earlier UEFI bootable driver should be used due to the lack of HECI3 controller support.
- AppleHeci4** All services support driver from [AppleHeci.kext](#). This driver is included in most firmwares starting with the Bridge generation. Some applications with the GUID 0x00000000-00000000-00000000-00000000 may need this driver to work properly.
- AppleHeci5** HECI5 controller driver from [AppleHeci.kext](#). This driver is included in all UEFI firmwares and cannot be used from OpenCore. It is known that multiple firmwares have a bug in their HECI support implementation, which leads to corrupted firmware on other attempts. Identifying this driver within the firmware may be required to use writing to HECI partition in parallel during the boot process.
- AppleHeci6** HECI6 support driver from [AppleHeci.kext](#). This driver is included in most firmwares starting with the Bridge generation. The Heci6 and earlier controller, it within the firmware may be used to access a UEFI HECI6 driver in parallel.
- AppleHeci7** HECI7 support driver from [AppleHeci.kext](#).
- AppleHeci8** HECI8 support driver from [AppleHeci.kext](#).
- AppleHeci9** HECI9 support driver from [AppleHeci.kext](#).
- AppleHeci10** HECI10 support driver from [AppleHeci.kext](#).
- AppleHeci11** HECI11 support driver from [AppleHeci.kext](#).
- AppleHeci12** HECI12 support driver from [AppleHeci.kext](#).
- AppleHeci13** HECI13 support driver from [AppleHeci.kext](#).
- AppleHeci14** HECI14 support driver from [AppleHeci.kext](#).
- AppleHeci15** HECI15 support driver from [AppleHeci.kext](#).
- AppleHeci16** HECI16 support driver from [AppleHeci.kext](#).
- AppleHeci17** HECI17 support driver from [AppleHeci.kext](#).
- AppleHeci18** HECI18 support driver from [AppleHeci.kext](#).
- AppleHeci19** HECI19 support driver from [AppleHeci.kext](#).
- AppleHeci20** HECI20 support driver from [AppleHeci.kext](#).
- AppleHeci21** HECI21 support driver from [AppleHeci.kext](#).
- AppleHeci22** HECI22 support driver from [AppleHeci.kext](#).
- AppleHeci23** HECI23 support driver from [AppleHeci.kext](#).
- AppleHeci24** HECI24 support driver from [AppleHeci.kext](#).
- AppleHeci25** HECI25 support driver from [AppleHeci.kext](#).
- AppleHeci26** HECI26 support driver from [AppleHeci.kext](#).
- AppleHeci27** HECI27 support driver from [AppleHeci.kext](#).
- AppleHeci28** HECI28 support driver from [AppleHeci.kext](#).
- AppleHeci29** HECI29 support driver from [AppleHeci.kext](#).
- AppleHeci30** HECI30 support driver from [AppleHeci.kext](#).
- AppleHeci31** HECI31 support driver from [AppleHeci.kext](#).
- AppleHeci32** HECI32 support driver from [AppleHeci.kext](#).
- AppleHeci33** HECI33 support driver from [AppleHeci.kext](#).
- AppleHeci34** HECI34 support driver from [AppleHeci.kext](#).
- AppleHeci35** HECI35 support driver from [AppleHeci.kext](#).
- AppleHeci36** HECI36 support driver from [AppleHeci.kext](#).
- AppleHeci37** HECI37 support driver from [AppleHeci.kext](#).
- AppleHeci38** HECI38 support driver from [AppleHeci.kext](#).
- AppleHeci39** HECI39 support driver from [AppleHeci.kext](#).
- AppleHeci40** HECI40 support driver from [AppleHeci.kext](#).
- AppleHeci41** HECI41 support driver from [AppleHeci.kext](#).
- AppleHeci42** HECI42 support driver from [AppleHeci.kext](#).
- AppleHeci43** HECI43 support driver from [AppleHeci.kext](#).
- AppleHeci44** HECI44 support driver from [AppleHeci.kext](#).
- AppleHeci45** HECI45 support driver from [AppleHeci.kext](#).
- AppleHeci46** HECI46 support driver from [AppleHeci.kext](#).
- AppleHeci47** HECI47 support driver from [AppleHeci.kext](#).
- AppleHeci48** HECI48 support driver from [AppleHeci.kext](#).
- AppleHeci49** HECI49 support driver from [AppleHeci.kext](#).
- AppleHeci50** HECI50 support driver from [AppleHeci.kext](#).

Driver marked with * are loaded with OpenCore. To compile the drivers from UEFI (UEFI) use the same command you normally use to compile the OpenCore components, but choose a corresponding package.

```
git clone https://github.com/Arkturus/AppleHeci.kext
cd .
make
make -C AppleHeci.kext
make -C AppleHeci.kext
```