

# OpenCore Sammelthread (Hilfe und Diskussion)

Beitrag von „anonymous\_writer“ vom 7. Oktober 2019, 17:49

Irgendwie habe ich das Formel Rechnen verlernt oder MaxKernel und MinKernel funktionieren nicht. 🤔

Formel:

```
3. MaxKernel
Type: plist string
Fallback: Empty string
Description: Adds kernel driver on specified macOS version or older.

Kernel version can be obtained with uname -r command, and should look like 3 numbers separated by dots, for
example 18.7.0 is the kernel version for 10.14.6. Kernel version interpretation is implemented as follows:

ParseDarwinVersion(x, λ, μ) = (⌊ $\frac{x}{10}$ ⌋ · 10 + x - ⌊ $\frac{x}{10}$ ⌋ · 10) · 10000   Where x ∈ (0, 99) is kernel version major
+ (⌊ $\frac{\lambda}{10}$ ⌋ · 10 + λ - ⌊ $\frac{\lambda}{10}$ ⌋ · 10) · 100   Where λ ∈ (0, 99) is kernel version minor
+ (⌊ $\frac{\mu}{10}$ ⌋ · 10 + μ - ⌊ $\frac{\mu}{10}$ ⌋ · 10)   Where μ ∈ (0, 99) is kernel version patch

Kernel version comparison is implemented as follows:

α = { ParseDarwinVersion(MinKernel),   If MinKernel is valid
      0                               Otherwise
β = { ParseDarwinVersion(MaxKernel),   If MaxKernel is valid
      ∞                               Otherwise
γ = { ParseDarwinVersion(FindDarwinVersion()),   If valid "Darwin Kernel Version" is found
      ∞                                           Otherwise

f(α, β, γ) = α ≤ γ ≤ β

Here ParseDarwinVersion argument is assumed to be 3 integers obtained by splitting Darwin kernel version
string from left to right by the . symbol. FindDarwinVersion function looks up Darwin kernel version by
loading "Darwin Kernel Version x.λ.μ" string in the kernel image.
```

Für die Kernelversion 18.7.0 errechne ich damit 180700. Aber damit macht die ganze Formel keinen Sinn. Oder mache ich da was falsch. 🤔