Everything old is new again(ish)

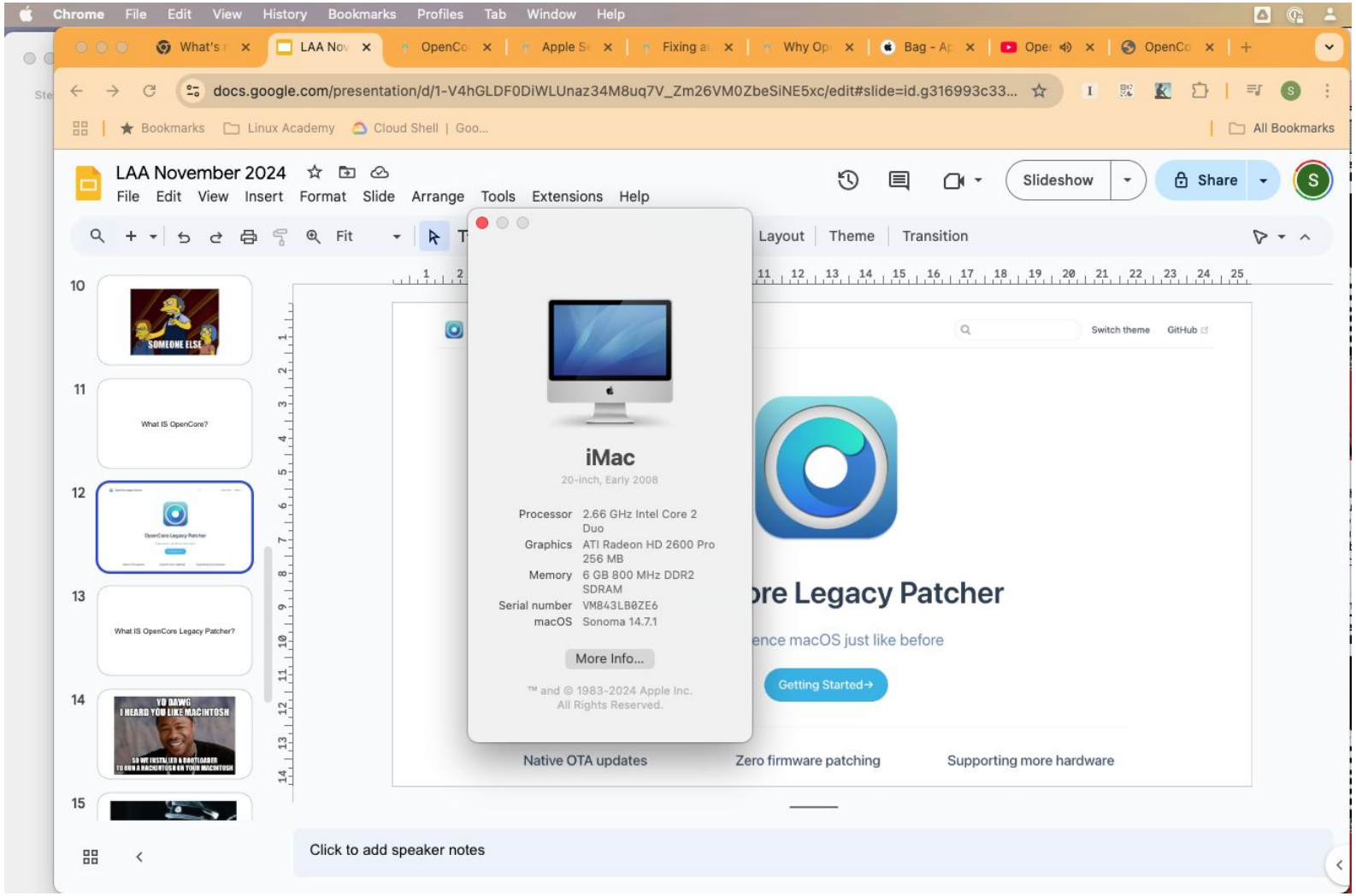
OpenCore Legacy Patcher for fun and profit

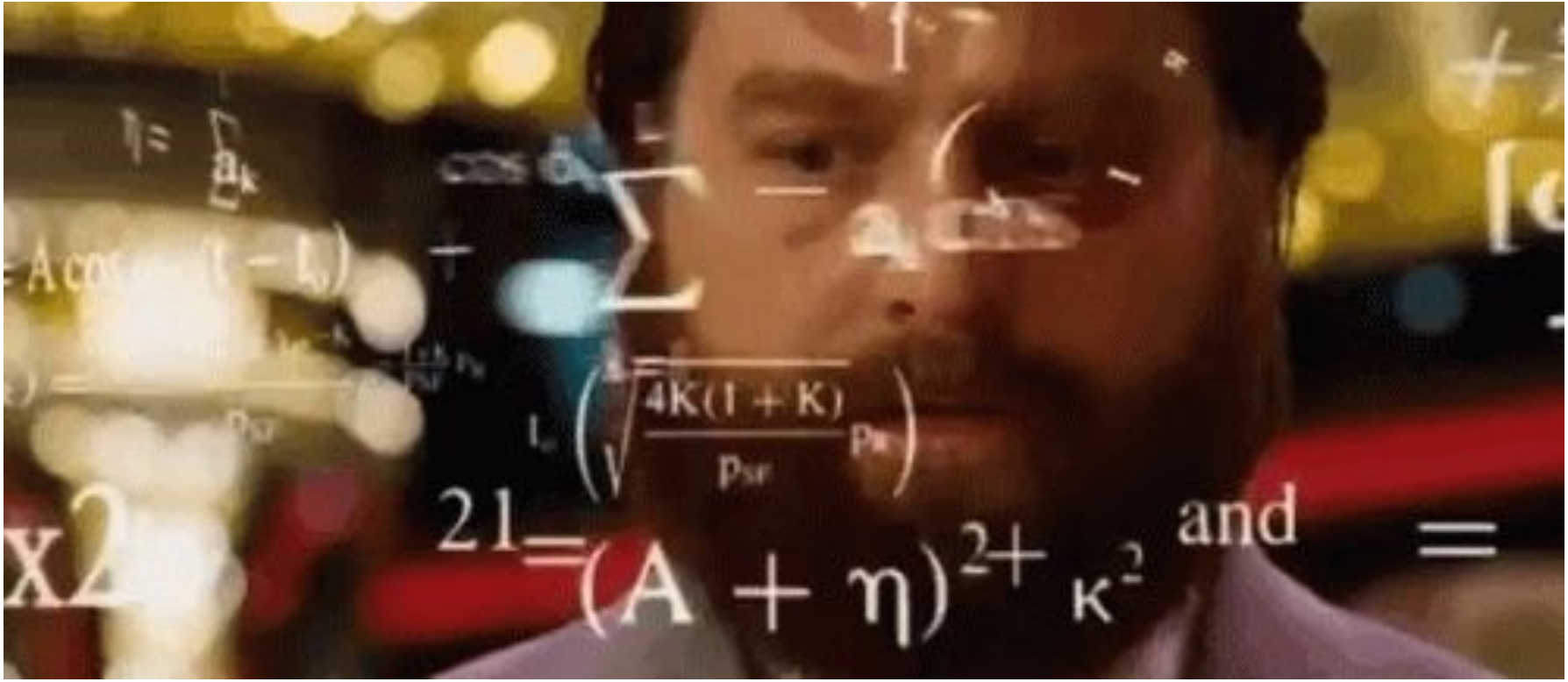
This is all Tom Bridge’s fault…

The year is 1999

And in 2005?

What about in 2024?


Chrome File Edit View History Bookmarks Profiles Tab Window Help
docs.google.com/presentation/d/1-V4hGLDF0DiWLUnaz34M8uq7V_Zm26VM0ZbeSiNE5xc/edit#slide=id.g316993c33...
LAA November 2024
File Edit View Insert Format Slide Arrange Tools Extensions Help
Slideshow
Share
Fit
Layout
Theme
Transition
SOMEONE ELSE
What IS OpenCore?
What IS OpenCore Legacy Patcher?
YO DAWG I HEARD YOU LIKE MACINTOSH
iMac
20-inch, Early 2008
Processor 2.66 GHz Intel Core 2 Duo
Graphics ATI Radeon HD 2600 Pro 256 MB
Memory 6 GB 800 MHz DDR2 SDRAM
Serial number VM843LB0ZE6
macOS Sonoma 14.7.1
More Info...
™ and © 1983-2024 Apple Inc. All Rights Reserved.
Switch theme
GitHub
re Legacy Patcher
nce macOS just like before
Getting Started→
Native OTA updates
Zero firmware patching
Supporting more hardware
Click to add speaker notes


$\sum$
$\sqrt{\frac{4K(1+K)}{P_{sr}}}$
$21 = (A+\eta)^2 + \kappa^2$ and
X2

Tu a

So if someone else can write drivers for the missing hardware…

SOMEONE ELSE

But we still need to get these new community provided drivers installed

Say Hello to OpenCore…

…but what IS OpenCore?

Are we the baddies?

OpenCore Legacy Patcher

Experience macOS just like before

Getting Started→

Native OTA updates

Zero firmware patching

Supporting more hardware

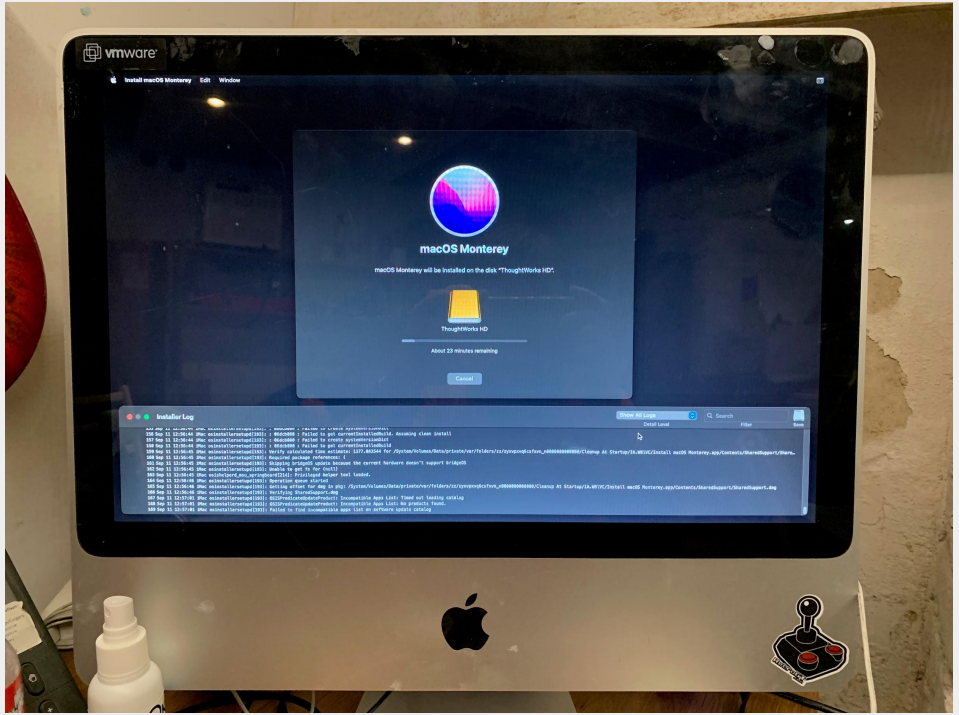
So then… how is OpenCore Legacy Patcher different from OpenCore?

easy
MakeAGIF.com

YO DAWG
I HEARD YOU LIKE MACINTOSH
SO WE INSTALLED A BOOTLOADER
TO RUN A HACKINTOSH ON YOUR MACINTOSH
imgflip.com

My adventures in OCLP

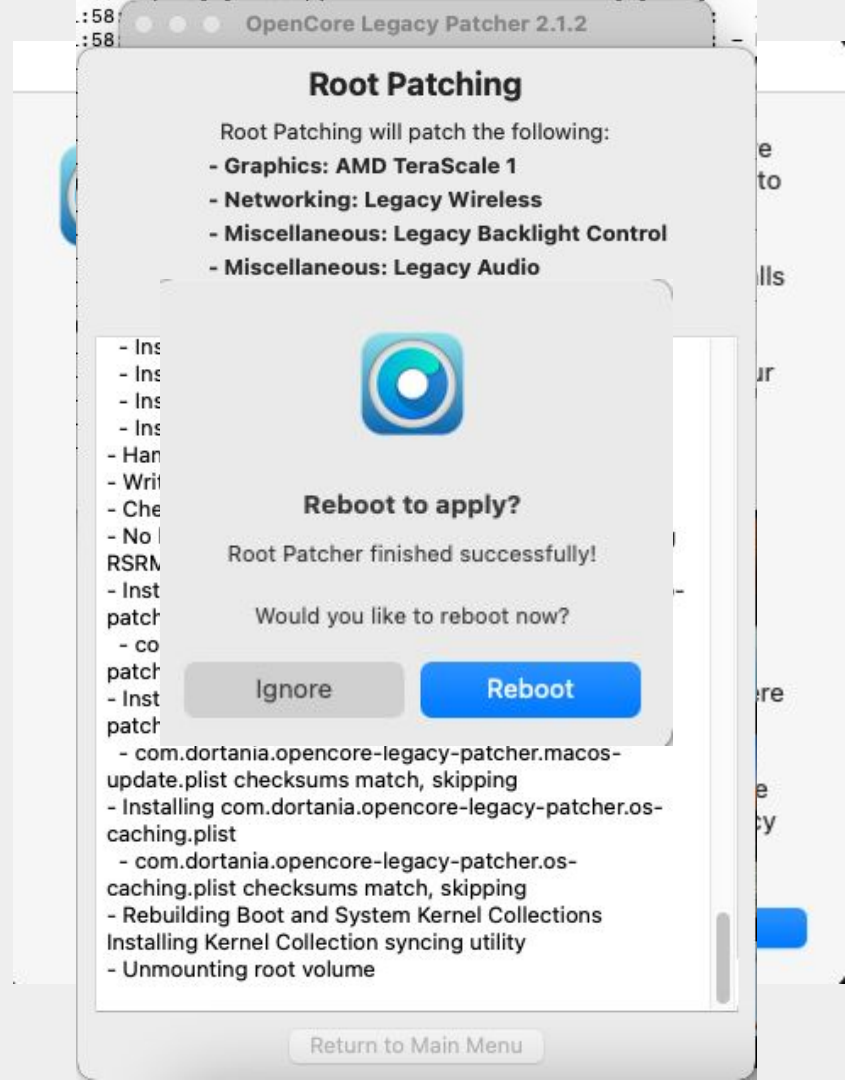
Installed on an SSD in a USB drive caddy



I’m sure you can imagine how snappy it was…

Cracked the case, fitted the drive internally…

Living with it?



```
[2024-11-15 11:57:56,854] [sys_patch.py                ] [372 ]: - Installing Patchset: Legacy Realtek
[2024-11-15 11:57:56,855] [sys_patch.py                ] [376 ]: - Remove Files at: /System/Library/Extensions
[2024-11-15 11:57:56,855] [files.py                    ] [71  ]:   - Removing: AppleVirtIO.kext
[2024-11-15 11:57:57,208] [files.py                    ] [71  ]:   - Removing: AppleVirtualGraphics.kext
[2024-11-15 11:57:57,514] [files.py                    ] [71  ]:   - Removing: AppleVirtualPlatform.kext
[2024-11-15 11:57:57,825] [files.py                    ] [71  ]:   - Removing: ApplePVPanic.kext
[2024-11-15 11:57:58,131] [files.py                    ] [71  ]:   - Removing: AppleVirtIOStorage.kext
[2024-11-15 11:57:58,459] [sys_patch.py                ] [390 ]: - Handling Installs in: /System/Library/Extensions
[2024-11-15 11:57:58,460] [files.py                    ] [44  ]:   - Found existing AppleHDA.kext, overwriting...
[2024-11-15 11:58:00,231] [files.py                    ] [44  ]:   - Found existing IOAudioFamily.kext, overwriting...
[2024-11-15 11:58:01,164] [sys_patch.py                ] [372 ]: - Installing Patchset: Legacy USB 1.1
[2024-11-15 11:58:01,165] [sys_patch.py                ] [390 ]: - Handling Installs in: /System/Library/Extensions
[2024-11-15 11:58:01,166] [files.py                    ] [44  ]:   - Found existing IOUSBHostFamily.kext, overwriting...
[2024-11-15 11:58:02,518] [sys_patch.py                ] [372 ]: - Installing Patchset: Legacy USB 1.1 Extended
[2024-11-15 11:58:02,519] [sys_patch.py                ] [390 ]: - Handling Installs in: /System/Library/Extensions/IOUSBHostFamily.ke
xt/Contents/PlugIns
[2024-11-15 11:58:02,520] [files.py                    ] [47  ]:   - Installing: AppleUSBOHCI.kext
[2024-11-15 11:58:03,354] [files.py                    ] [47  ]:   - Installing: AppleUSBOHCIPCI.kext
[2024-11-15 11:58:04,115] [files.py                    ] [47  ]:   - Installing: AppleUSBUHCI.kext
[2024-11-15 11:58:04,958] [files.py                    ] [47  ]:   - Installing: AppleUSBUHCIPCI.kext
[2024-11-15 11:58:05,714] [sys_patch.py                ] [390 ]: - Handling Installs in: /System/Library/Extensions
[2024-11-15 11:58:05,721] [sys_patch.py                ] [329 ]: - Writing patchset information to Root Volume
[2024-11-15 11:58:06,016] [install.py                  ] [72  ]: - Checking if RSRMonitor is needed
[2024-11-15 11:58:06,109] [install.py                  ] [99  ]: - No kexts found with GPUCompanionBundles, skipping RSRMonitor
[2024-11-15 11:58:06,116] [install.py                  ] [51  ]: - Installing com.dortania.opencore-legacy-patcher.auto-patch.plist
[2024-11-15 11:58:06,173] [install.py                  ] [54  ]:   - com.dortania.opencore-legacy-patcher.auto-patch.plist checksums m
atch, skipping
[2024-11-15 11:58:06,174] [install.py                  ] [51  ]: - Installing com.dortania.opencore-legacy-patcher.macos-update.plist
[2024-11-15 11:58:06,176] [install.py                  ] [54  ]:   - com.dortania.opencore-legacy-patcher.macos-update.plist checksums
 match, skipping
[2024-11-15 11:58:06,176] [install.py                  ] [51  ]: - Installing com.dortania.opencore-legacy-patcher.os-caching.plist
[2024-11-15 11:58:06,177] [install.py                  ] [54  ]:   - com.dortania.opencore-legacy-patcher.os-caching.plist checksums m
atch, skipping
[2024-11-15 11:58:06,180] [boot_system.py              ] [53  ]: - Rebuilding Boot and System Kernel Collections
[2024-11-15 11:58:47,559] [sys_patch_helpers.py        ] [176 ]: Installing Kernel Collection syncing utility
[2024-11-15 11:58:50,560] [sys_patch.py                ] [134 ]: - Unmounting root volume
[2024-11-15 11:58:50,981] [sys_patch.py                ] [225 ]: - Patching complete
[2024-11-15 11:58:50,982] [sys_patch.py                ] [226 ]:
Please reboot the machine for patches to take effect
```

Should you do this?

Should you do this in production?

NO
NO!

Coda

Fine. I caved and bought a new Mac Mini M4.

yesterday…

(but these slides were mostly made on a 2008 iMac…)

Thanks

@squirke

blog.quirke.org