

Sun City Computer Club

MUG MAC Users Group

March 27, 2024
4:00pm

**Questions, Comments, Suggestions welcomed at any
time**

Even Now

- Audio recording of this session as MP4 file
- Audio recording available at link shown above

Audio Recording In Progress

- Wake Words

**SIG attendees are required to be members of the chartered club sponsoring that SIG.
Sun City Community Association By-law**

- Ever want to be a presenter??

- Participant???

Special Interest GROUP

- Apple Users Group

- March 27 2:30 – 4:00 Retreat MUG conflict

- Leader(s)???

- iDevices in MUG no one wants that

Presenter???

- PID101 iPad Basics
- WAT101 Apple Watch Workshop *
- MAC101 Mac Basics
- IPH101 Intro to iPhone

April Apple Classes



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ANNOUNCEMENTS

- Apple Security related Updates today 21-Mar-2024 iOS & iPadOS

APPLE SECURITY RELATED UPDATES TODAY 21-MAR-2024 IOS & IPADOS

Updates to current iOS and iPadOS releases: 17.4.1

Updates to older releases iOS 15.8.2 iPadOS 16.7.2

This indicates to me these are security related.

iOS iPadOS 17.4.1

- Released over the air update build number 21E236
- Available build number via Finder 21E237
- Settings > General > About > iOS Version iOS 17.4.1 (21E236)

Backup your iDevice

Connect iPhone iPad to Mac and Finder App

Finder General > Check for Update

Beta iPhone would not update – Corrupt firmware

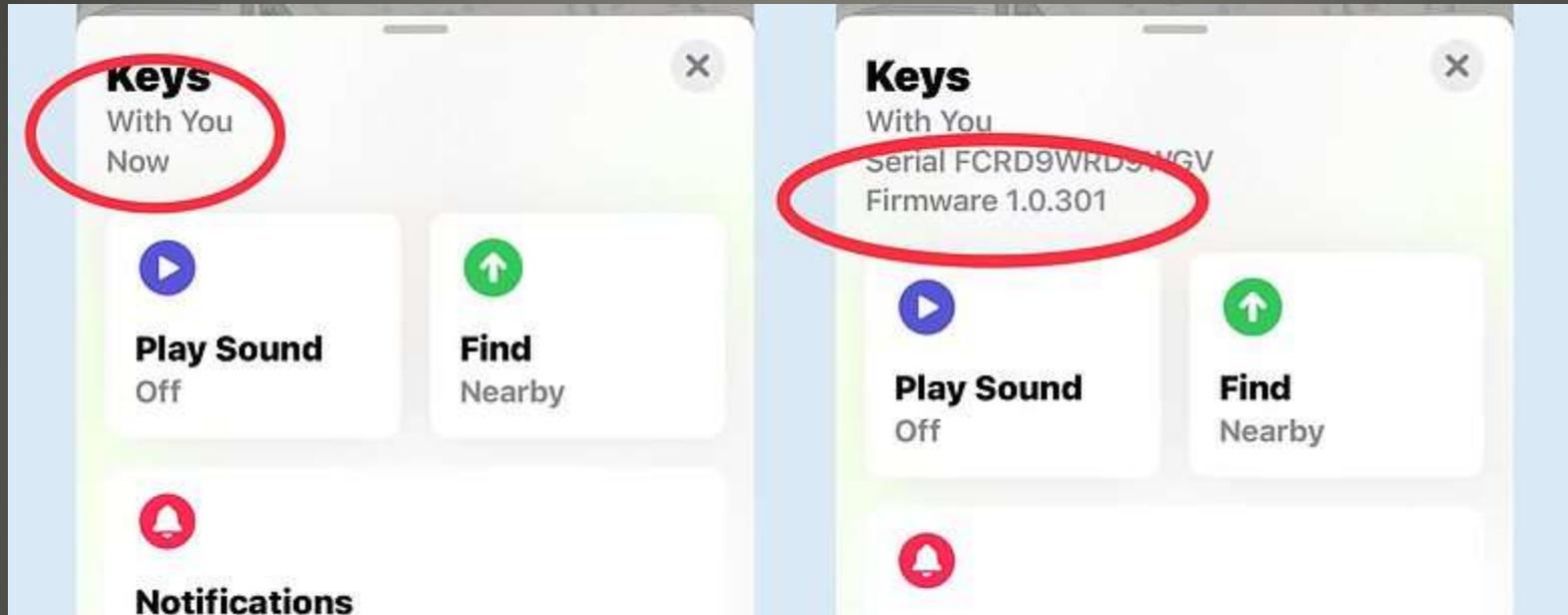
Recent iOS & iPadOS 17.4.1

- 7.56GB update



Recent iOS & iPadOS 17.4.1

- Firmware 2.0.3



- Deployment date mm/dd/24
- Firmware update reason?

AirTag firmware update

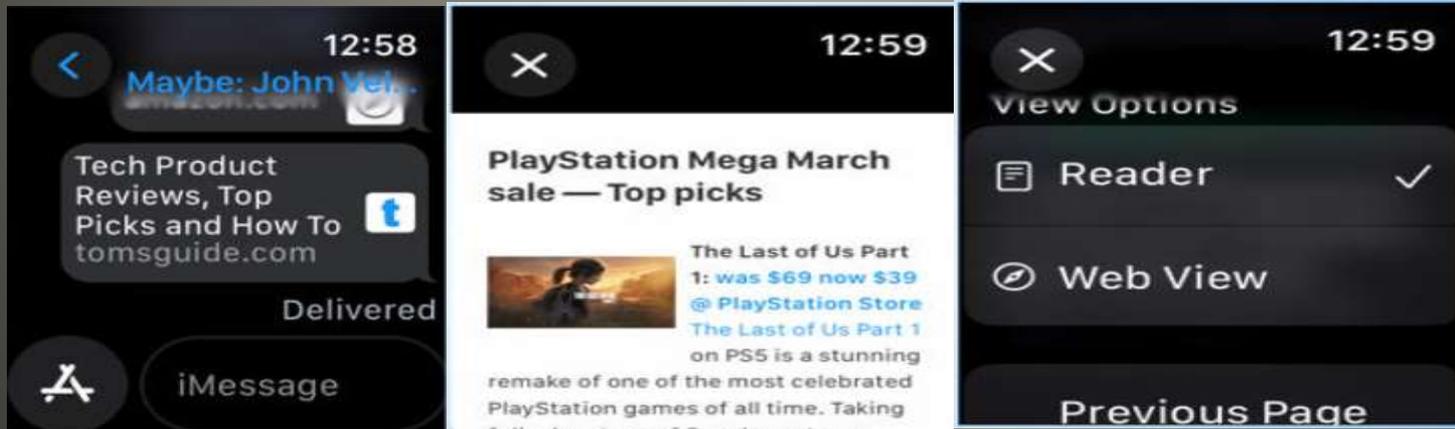
- States attorneys general
- iOS & iPhone ecosystem
 - Financial services, fitness, gaming, media
 - Developer fees
- Control of app distribution
 - disable cross-platform tech
- Using private APIs
- Terms & conditions

DOJ Antitrust suit

- Not ideal
- Message URL



- Safari



Safari on Apple Watch

- **Sticker reactions**

Long press, select one of 6 reactions

- **Inline Replies**

Long press, reply button

- **Send as SMS**

Long press, Send as Text Message

- **Message Filter & Junk Reporting**

Settings Filter Unknown Senders

Read Report Junk

Un Read swipe left Delete and Report Junk

- **Audio**

Plus icon > Audio 2-minute delete

- **Read Receipts**

All Certain Contacts only

Message Features

- Pixelmator Pro
Image editing
- Luminar Neo
- Pictura
- Diffusion Bee
- Ollama
- FreeChat
- Canary Mail
- Arc Browser
- Krisp
- Microsoft 365
- Craft

AI tools for Mac

- Use of Google Gemini for Siri ??

Apple AI

- Watch series 9
- Watch Ultra 2
- “Ghost Touch”

WatchOS 10.4



watchOS 10.4

Apple Inc.

About 36 minutes remaining

watchOS 10.4 includes new features, improvements, and bug fixes, including:

- Tap to Show Full Notification setting now allows you to double tap to expand the notification
- Using Apple Pay with Confirm with AssistiveTouch will require a passcode for additional security and will not support double clicking the side button
- Resolves an issue that causes some users to experience false touches on the display
- Fixes an issue that prevents contacts from syncing to Apple Watch for some users

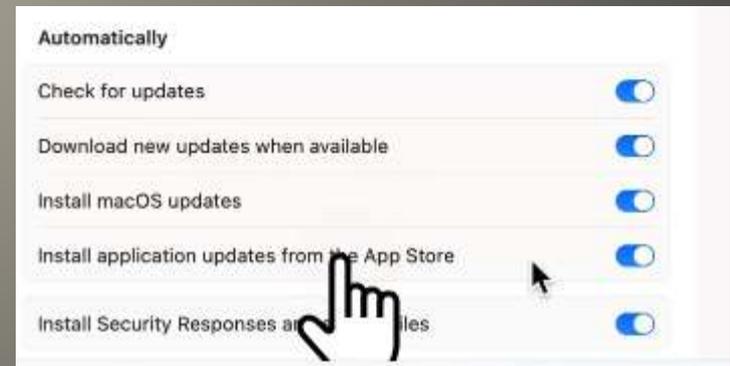
For information on the security content of Apple software updates, please visit this website:

<https://support.apple.com/kb/HT201222>

- System Preferences -> System Settings
- Mac account passwords Strong & UNIQUE
No Hint Passphrase
AppleID Recovery Code 2FA
- Lock Screen
Require password after screen saver or display is turned off
Show message when locked - Return lost Mac
- Privacy & Security
Allow applications downloaded from
App Store
App Store and Identified Developers
Apple Certificate
FileVault Prevents data access w/o logon
- General > Sharing > File Sharing
Other sharing methods
Out & About See your Mac

Secure a Mac

- Siri & Spotlight
Siri Allow when locked
- Network > Wi-Fi
Known Networks
Other Networks
- Safari > General
Open "safe" files after downloading
Safari > Websites > Notifications
Allow Deny
- General > Software Updates
- Time Machine drive encryption
- Firmware password
- FindMy



Secure a Mac

- Apple launches All-in-One
- Manuals, Specs, and Downloads website
- <https://support.apple.com/en-us/docs>

Manuals, Specs, and Downloads

Choose a product or search below to view related documents and available downloads.



Mac



iPad



iPhone



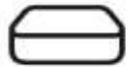
Watch



Vision



AirPods



Apple TV



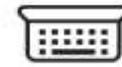
HomePod



iPod



Displays



Accessories



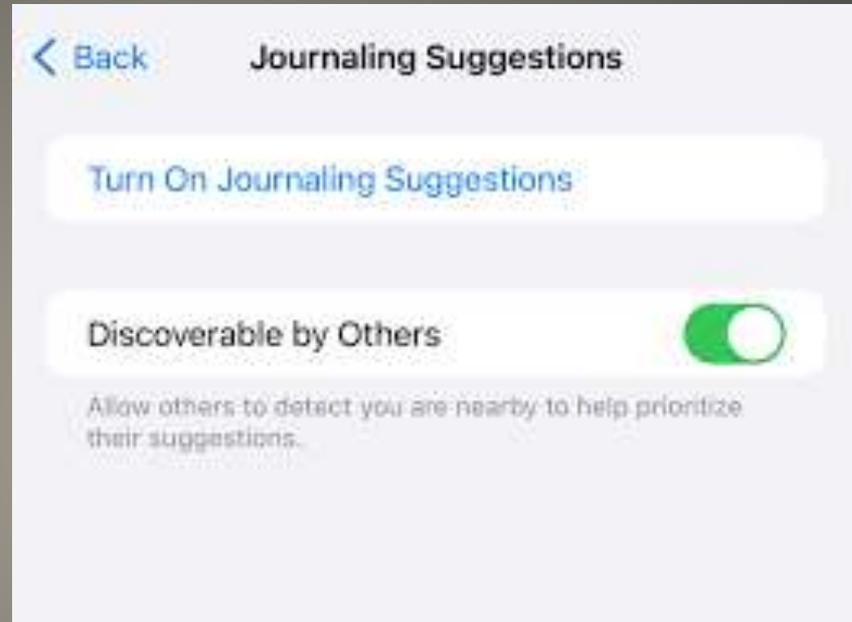
Software

Search

- GoFetch
- Prefetchers
- Microarchitectural side-channel attack
- Memory-dependent prefetcher
- A key to performance
- Intel & ARM vulnerabilities - similar

Unpatchable Apple M1 M2 M3

- Settings > Privacy & security > Journaling Suggestions
- Journaling App



- Journal App
Prefer Suggestions with others

Discoverable by Others setting

Journaling

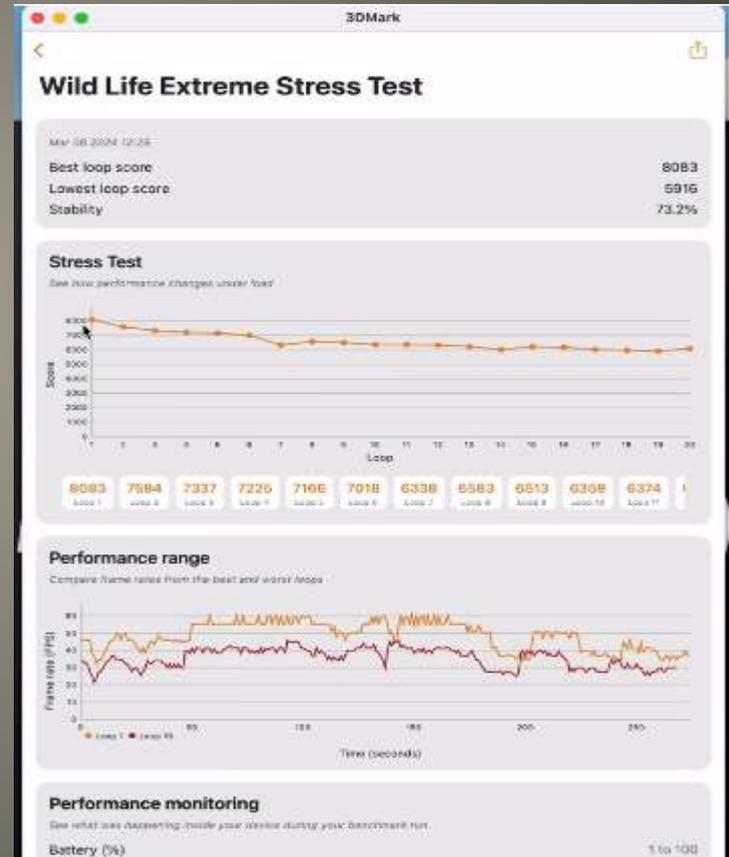
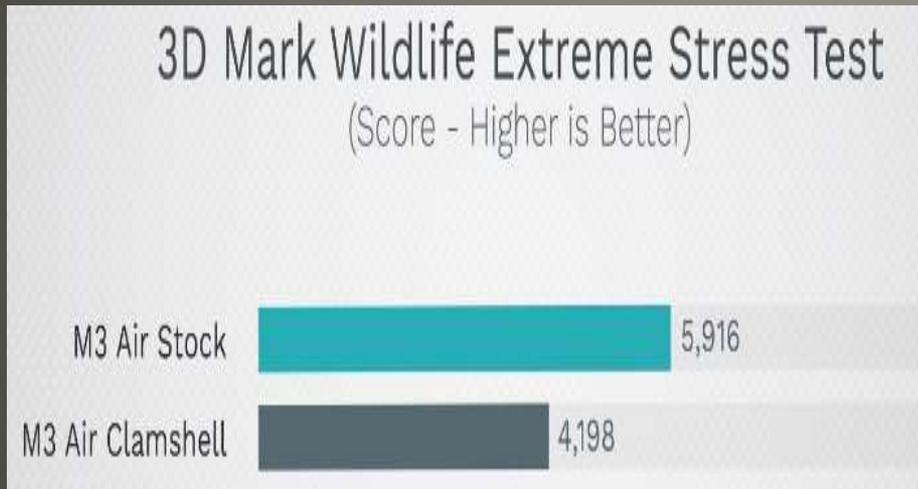
- Fixed iPadOS 17.4.1
- Certain iPads
- Workaround – Code Scanner in Control Center

iPad QR scanning code bug

- USB issues - Not working
disconnect ALL USB device
Restart
System Settings > Privacy & Security > Allow accessories to connect – Always
System Settings > Privacy & Security > Allow accessories to connect – Ask every time
- iCloud drive not saving file versions
System Settings > your AppleID > iCloud Optimized Mac Storage Off
- Unexpected Java termination
Ahead-of-Time compiled applications
- 60 security patches

macOS 14.4 issues

- MacBook Air loses performance due to heat
- Clamshell mode may lose 30% CPU performance
- 114 degrees Celsius CPU 102.9 degrees Celsius GPU
- Two monitor support – lid closed



M3 MacBook Air



MacBook Air Heat

- DHCR cooling dock AVALT \$279
- Thermal pads

MacBook Air Heat

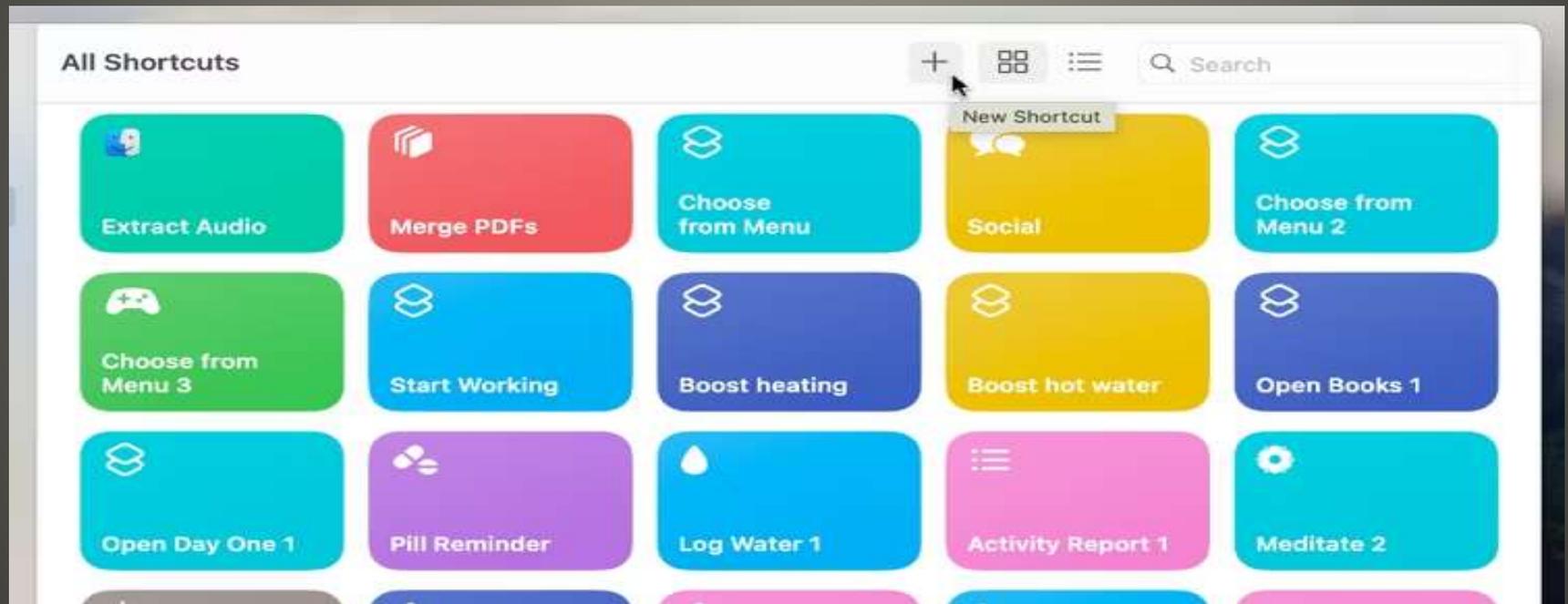
- macOS on Intel hardware
- But some drivers have been removed

Hackintosh

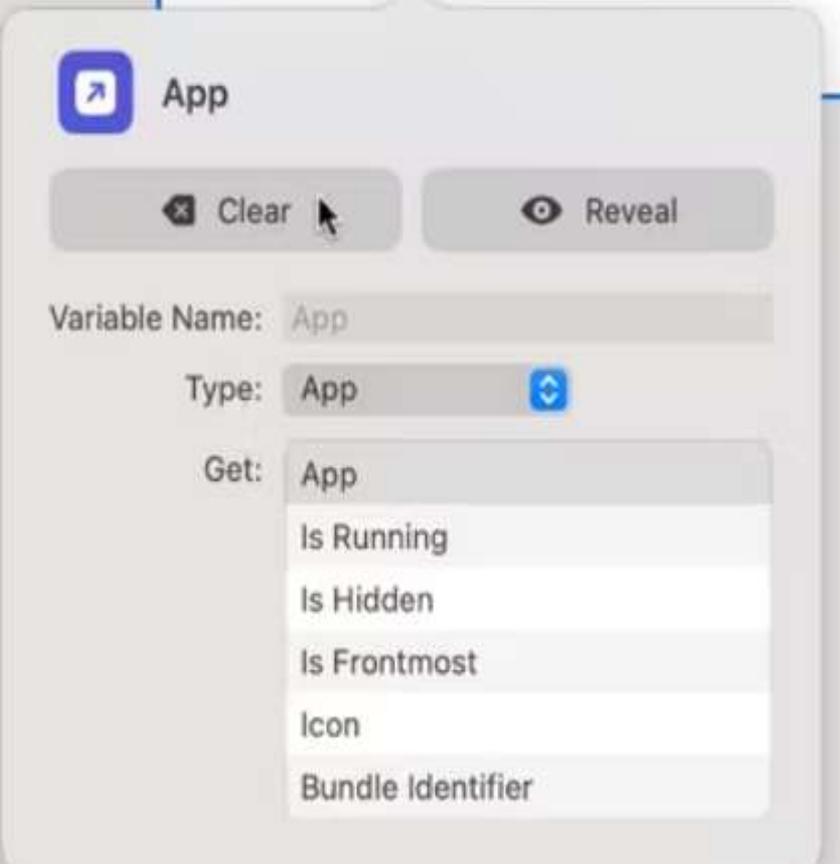
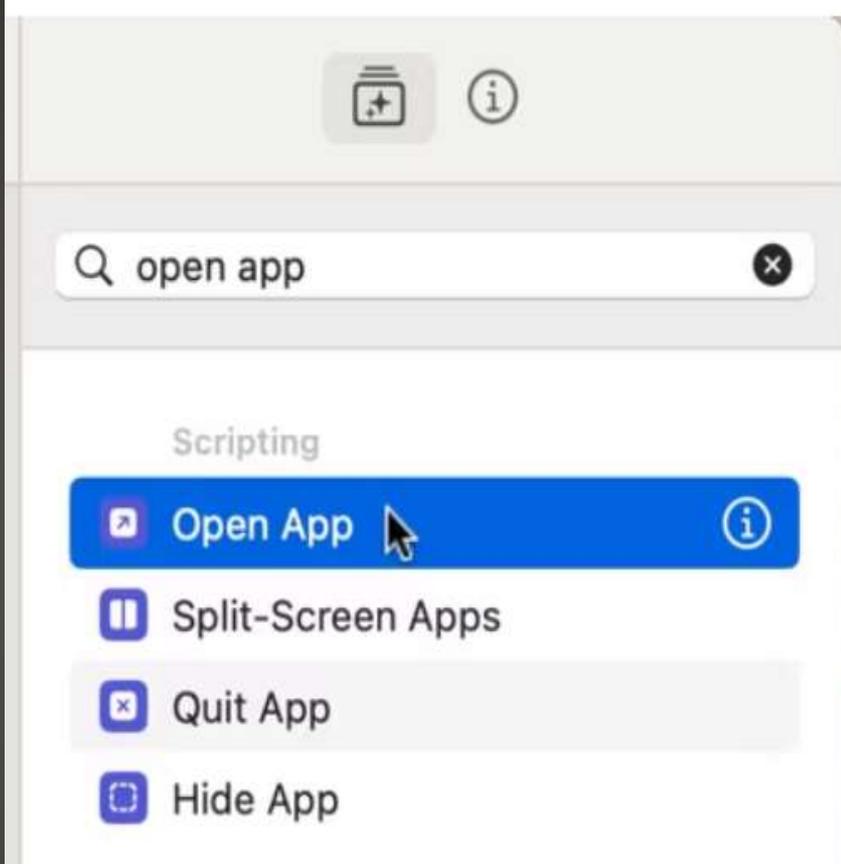
- All my apps & files
- Command + Q
- All my significant other's apps & files
- Command + Q

Mac shortcut

- Shortcut app
- + New shortcut
- Open app and/or file

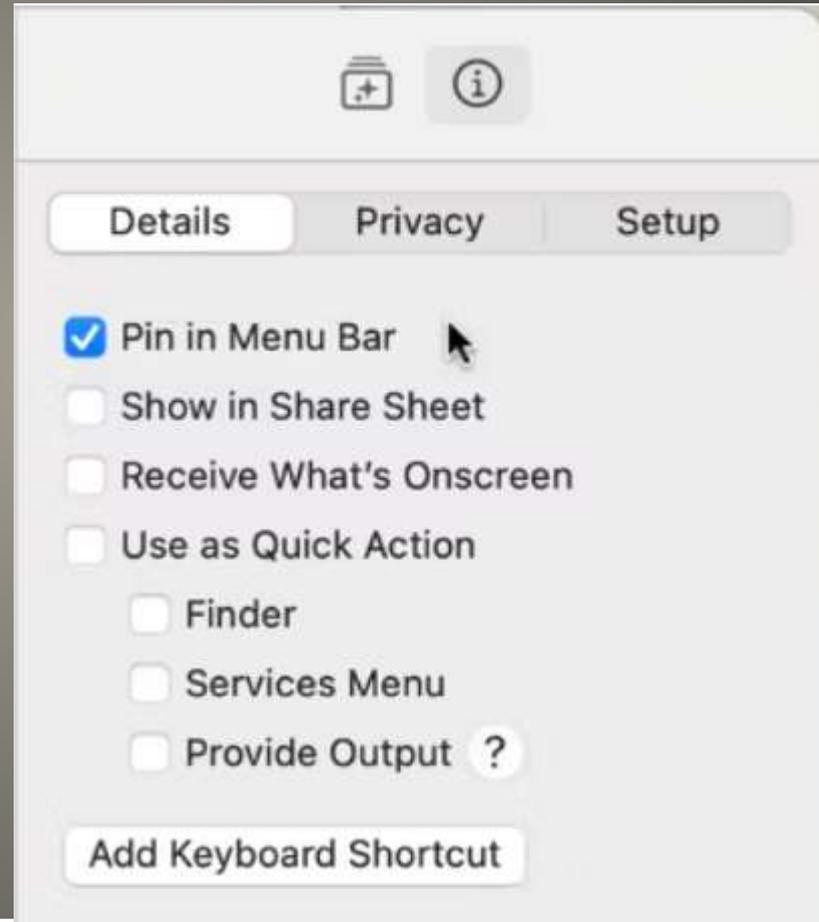


Shortcut



Shortcut

- Reverse Order – first App to use added last
- Drag & Drop to rearrange
- Name Shortcut
- Shortcut Details



Shortcut

Shortcuts

- Macs – Linux
- iDevices – Backup for new iDevices
Swap SIM cards
Use Wi-Fi IoT

Old Apple hardware

- iOS home screen to have spaces

Blank columns, empty rows

- SearchMine Mac malware

System Settings > Privacy and Security

Profiles review

System Settings > General > Login Items

Safari > Settings > Advanced > Show features for web developers

Develop > Empty Caches for All Profiles

Safari > Settings > Menu Bar

General Homepage check URL

Extensions check for suspicious extensions

- Apple to buy AI services from Baidu

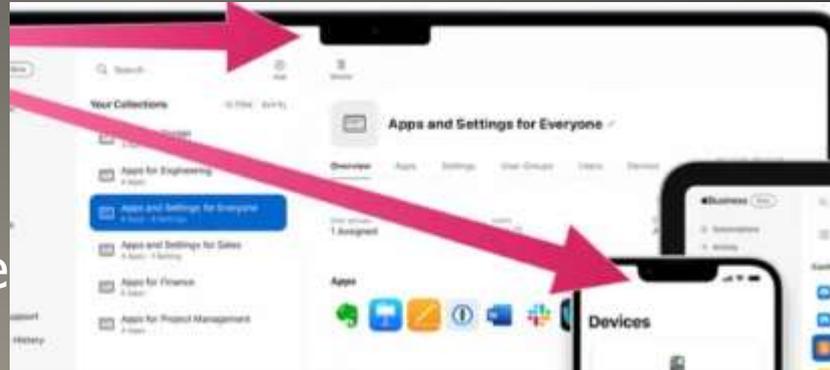
Ernie Bot “comprehend human intentions and deliver accurate, logical, and fluent responses approaching human level” ...

- Third-party remotes & tvOS 17.4 update



Oh Notch NotchOh

- iPhone camera notch
- Smaller bezels
- Black bar
- System menu to each side
- Full screen Adapt | Ignore
- 2880x1864
- 500 nits of brightness
- 1080p Webcam 4 element lens f/2.0 larger sensor
Computational video
Noise reduction
machine learning face detection
auto white balance auto exposure HDR features



MacBook Notch

- [Apple Developer YouTube Channel](#)
- WWDC 2023 now
- WWDC 2024 June 10-14

Apple Developer & WWDC videos

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: scccMUG@gmail.com



- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

Computer Club, Help Center, SIGs,
Presentations, classes

Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

SCCCMUG@gmail.com