Sun City Computer Club

MUG MAC Users Group

September 28, 2022

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

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??

Presenter???

Your Input Please

Macs are useful

- BUT diskspace typically small
- Demands for diskspace increase with utility
- macOS updates getting very large
- Upgrade needs diskspace

Disk Space

- Upgrade SSD

MacBook Pro non-Retina up to late 2016
MacBook Pro Retina up to 2015
MacBook Air up to 2017
MacBook up to 2010

- Kit or drive only
- Kit tools, enclosure for old drive

- 2 TB or 1TB

- New Mac? Disk size Memory capacity

Disk Space USB Type A

MacBook USB Type C

Older MacBooks with memory card slot

Network Attached Storage

- NAS
- File Server on Local Area Network
- Finder Go>Connect to Server
- smb://yournasdrive

- SMB - Windows
- AFP - Apple

Cloud

- iCloud
- Amazon Drive 100GB $11.95/year
- Google Drive 100GB $1.99/mo
- OneDrive 100GB $1.99/mo
- pCloud 500GB $3.99/mo
- Mega 200GB €4.99/mo

- Hard Disk cheaper prone to damage
- Solid State Speed & Reliability
- RAID Redundant Array Inexpensive Disks

External Expansion Drive

Disk drive format

- Logical & Physical mapping
- Cylinder, track, sector -> logical block
- Format block -> how to read rest of drive
- Most drives delivered for Microsoft
- “Erase” is Apple term
- Connection Adapter may be needed
- Share for transfer to Windows, Linux, etc.

- https://macmost.com/how-to-format-and-use-a-usb-flash-drive-on-your-mac.html

Disk drive format Erase

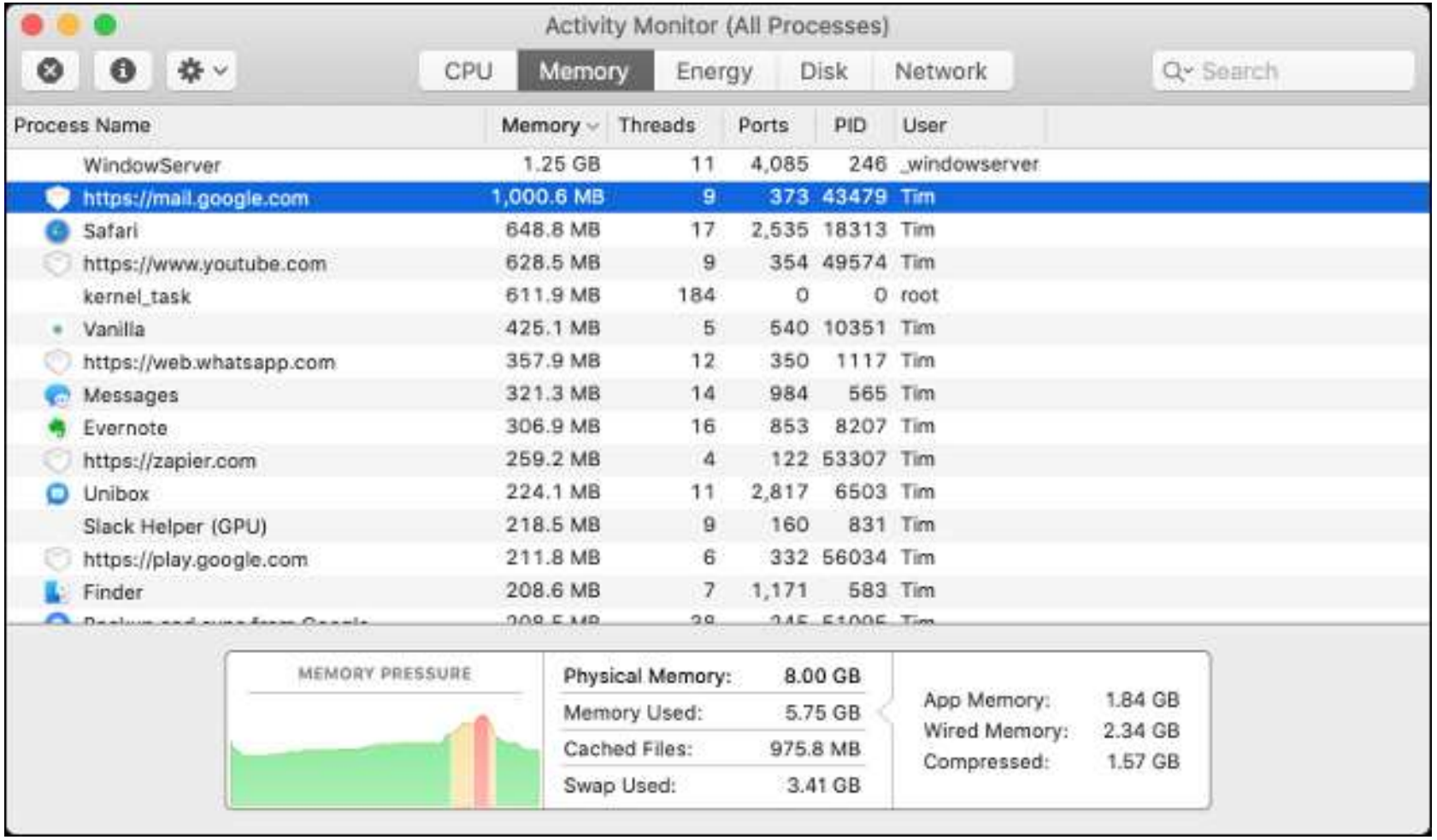
- macOS uses memory cache to speed up slower disk speeds
- Eject ensures unwritten data is flushed to disk

Eject

- 3-2-1 Backup
  3 copies of sensitive files
  2 differing types of media
  1 backup - captured then disconnected

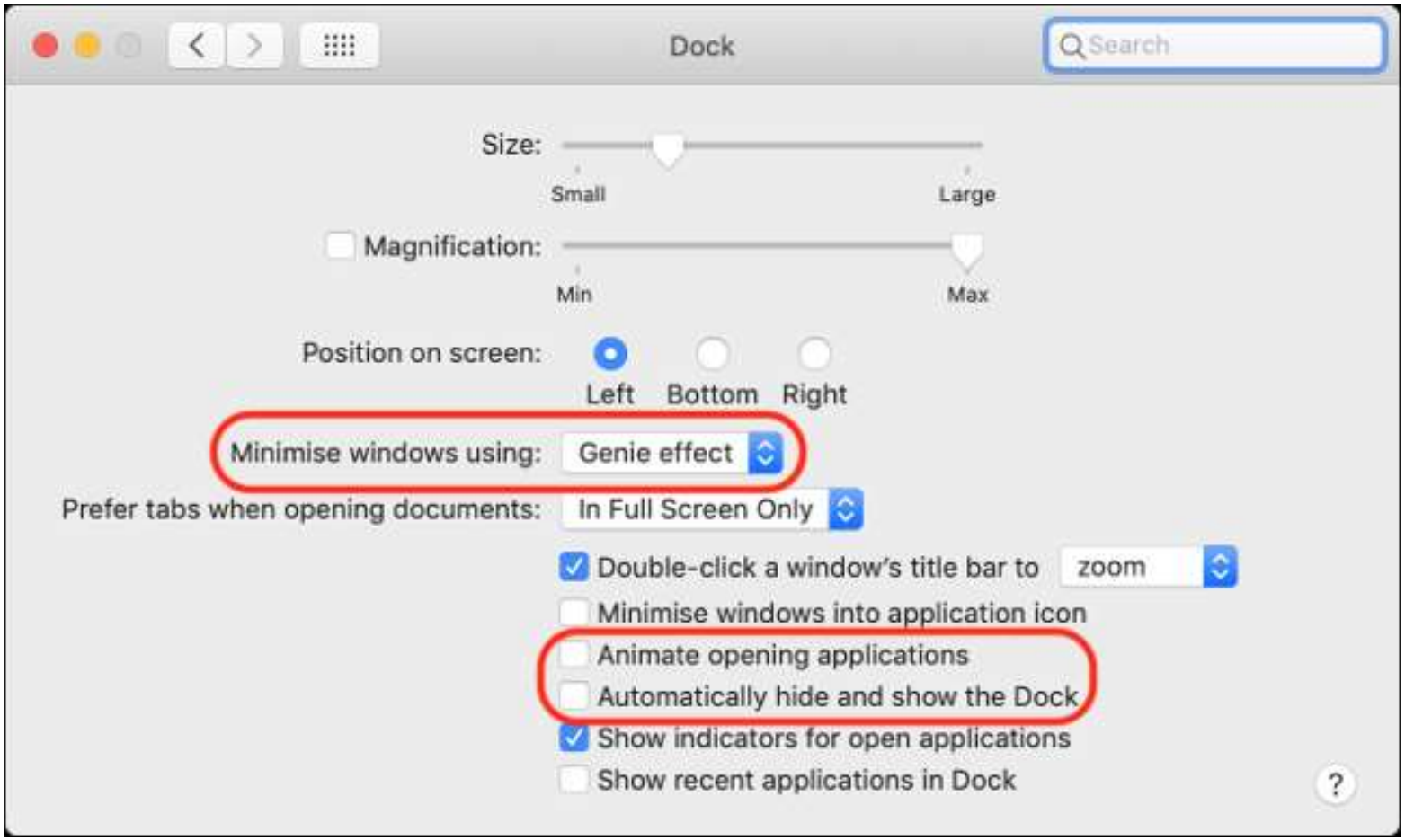
Mac Speed Up

- Add memory Faster disks Upgrade apps
- Quit apps Not just close window
- Activity Monitor


Activity Monitor (All Processes)
CPU
Memory
Energy
Disk
Network
Search
Process Name
Memory
Threads
Ports
PID
User
WindowServer 1.25 GB 11 4,085 246 _windowserver
https://mail.google.com 1,000.6 MB 9 373 43479 Tim
Safari 648.8 MB 17 2,535 18313 Tim
https://www.youtube.com 628.5 MB 9 354 49574 Tim
kernel_task 611.9 MB 184 0 0 root
Vanilla 425.1 MB 5 540 10351 Tim
https://web.whatsapp.com 357.9 MB 12 350 1117 Tim
Messages 321.3 MB 14 984 565 Tim
Evernote 306.9 MB 16 853 8207 Tim
https://zapier.com 259.2 MB 4 122 53307 Tim
Unibox 224.1 MB 11 2,817 6503 Tim
Slack Helper (GPU) 218.5 MB 9 160 831 Tim
https://play.google.com 211.8 MB 6 332 56034 Tim
Finder 208.6 MB 7 1,171 583 Tim
MEMORY PRESSURE
Physical Memory: 8.00 GB
Memory Used: 5.75 GB
Cached Files: 975.8 MB
Swap Used: 3.41 GB
App Memory: 1.84 GB
Wired Memory: 2.34 GB
Compressed: 1.57 GB

Mac Speed Up

- Add memory Faster disks Upgrade apps
- Quit apps Not just close window
- Activity Monitor
- Monitor Startup apps
- Control Browser tabs & extensions
- Control free disk space
- Turn off fancy animations


Dock
Search
Size:
Small
Large
Magnification:
Min
Max
Position on screen:
Left
Bottom
Right
Minimise windows using:
Genie effect
Prefer tabs when opening documents:
In Full Screen Only
Double-click a window's title bar to
zoom
Minimise windows into application icon
Animate opening applications
Automatically hide and show the Dock
Show indicators for open applications
Show recent applications in Dock
?

- Add memory Faster disks Upgrade apps
- Quit apps Not just close window
- Activity Monitor
- Monitor Startup apps
- Control Browser tabs & extensions
- Control free disk space
- Turn off fancy animations
- Clean up desktop
- Update macOS & Apps
- Clean Install

Mac Speed Up

- 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