Extracting and Parsing Apple Unified Logs

Step 1: Open iOS full file system extraction with 7-zip (right click – 7-zip – open archive)

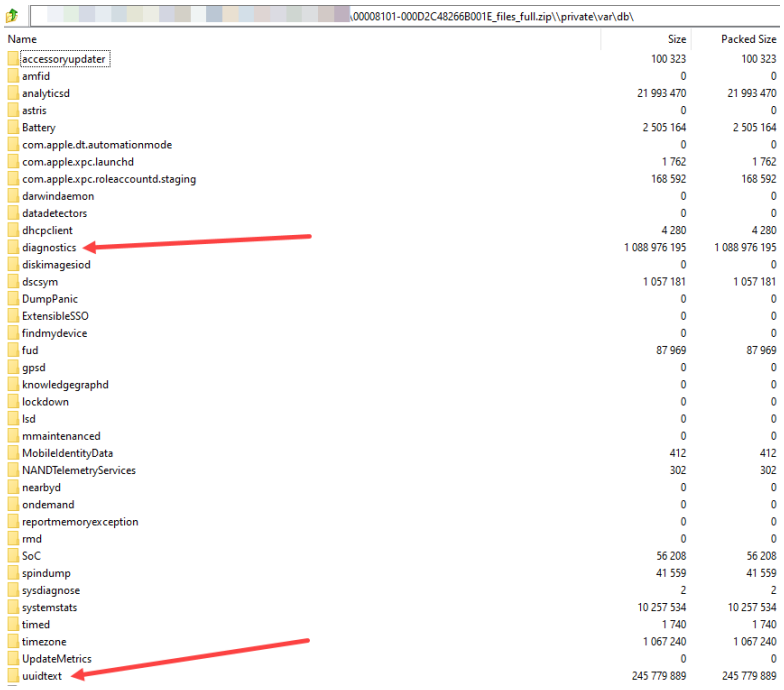
Step 2: Navigate to the following file path within the extraction

00008101-000D2C48266B001E_files_full.zip\private\var\db\

Step 3: Copy the following two folders onto a USB drive, formatted in exFAT. Simply drag and drop them from 7-zip onto the formatted USB.

-diagnostics

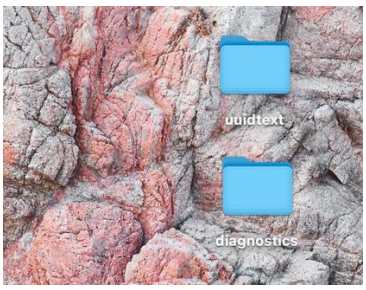
-uuidtext



Step 4: Property eject the USB from your Windows Computer. This ensures all contents have been written to the USB (Windows is a quick read/slow write operating system).

Step 5: Insert the USB into your Macintosh computer

Step 6: Drag the diagnostics and uuidtext folders to your Macintosh desktop



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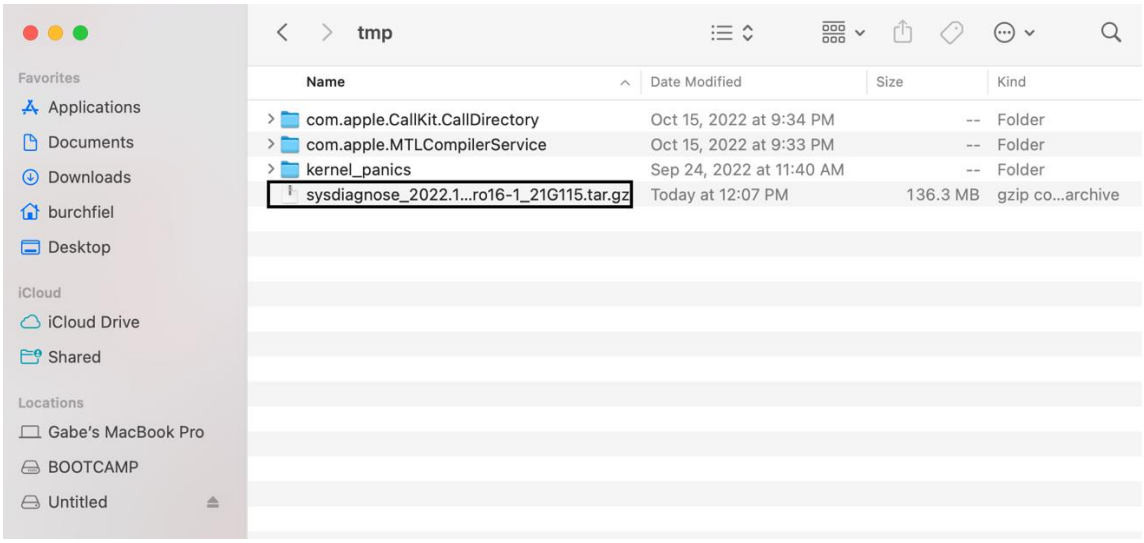
Step 7: Create a system diagnose log archive for your current Macintosh computer

To do this press the following keys simultaneously: command+option+control+shift+period. Your screen should flash on success.

Step 8: Once completed, the log will pop up on the desktop (usually takes a few minutes)



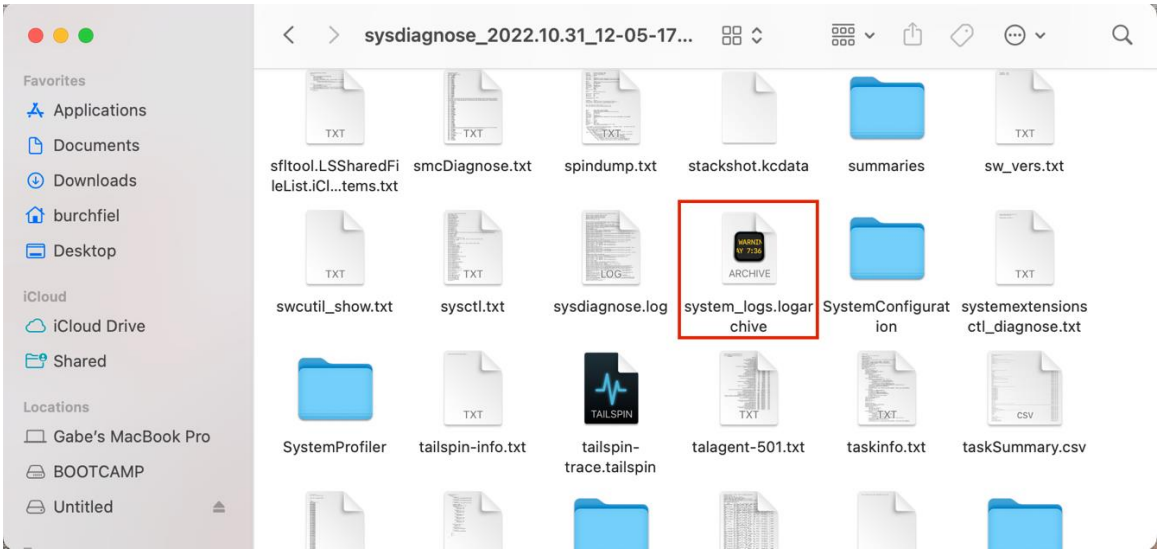
If it doesn't pop up, it can be located at the following path:

Macintosh HD - Data/Private/Var/Tmp (If the private folder isn't visible, simultaneously press command+shift+period to show hidden folders)

Step 9: Double click the sysdiagnose.tar.gz file to execute the extraction

Step 10: Once extracted, open the newly created folder of the same name as the tar.gz file

Step 11: Within this folder, locate the file system_logs.logarchive



Step 12: Right click the system_logs.logarchive file, and click “show package contents”

Step 13: Locate the info.plist file (usually toward the bottom), copy it, and paste it to the desktop

Step 14: Navigate back to the desktop, and open the uuidtext folder

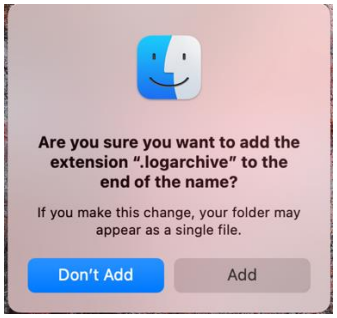
Step 15: Press command+A to highlight all files within this folder. Once highlighted, right click on one of the highlighted files, and click copy.

Step 16: Close the uuidtext folder, right click on the diagnostics folder, and paste all items

Step 17: Right click on the info.plist which you previously saved to the desktop, and copy

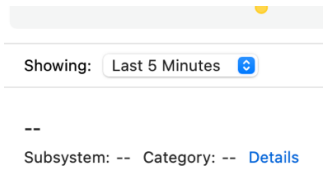
Step 18: Right click on the diagnostics folder, and paste in the info.plist file

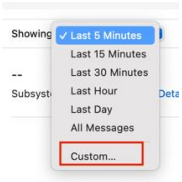
Step 19: Append the diagnostics folder with the extension .logarchive, a popup window will open. Click Add, and the folder icon will change

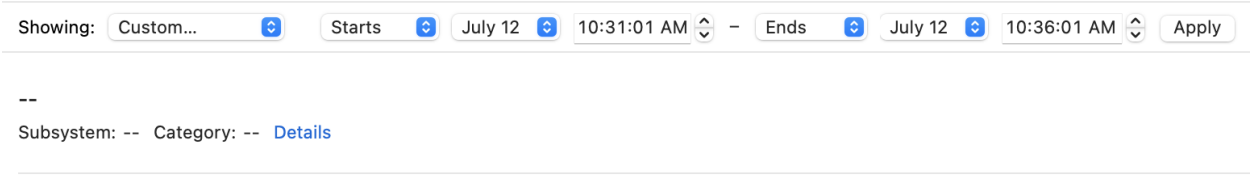


Step 20: Once the icon changes, simply double click to open the file with the native Console application on the Macintosh computer.

Step 21: Filter by date, to do so the filter drop down is at the bottom (default is set to last 5 minutes). Change it to custom, then you can set the dates and times







NOTE: THERE ARE MILLIONS OF LOGS IN THESE FILES, IT MAY TAKE A LOT OF TIME TO OPEN THEM UP **IF YOU DO NOT FILTER BY DATE**

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