MFSC-201 Computer Setup Guide

The following Mac computer configuration must be completed before the start of SUMURI's Macintosh Forensics Survival Course 201. Any of the configuration requirements not accomplished before class starting may cause a delay in the class or your ability to participate. **It is important to note that a Macintosh computer is required for the class and must be supplied by the student.**

If you have any questions or issues configuring your Mac computer, contact training@sumuri.com.

I. **Computer Requirements:**
   - Macintosh laptop or desktop with the current version of macOS 14 Sonoma installed.
   - User Account must have administrator privileges.

   External Storage:
   - External hard drive - at least 20GB of free space.
   - Thumb drive - at least 2GB in size (if possible, keep at or under 16GB). **This device will be wiped in class.**

II. **Download Class Files:**
   Please use the following links to download the Class Files. Depending on your Internet download speed, these files may take some time to download. The files will be needed for each day of class.

   **Image File** (filename **Jordan_Blake_iMac.dmg**; 34.67 GB):
   https://workdrive.zohoexternal.com/file/e0lxdb40c044b8897427890c9b26651c8c14e

   Student Files (filename **MFSC-201 Student Files.dmg**; 815 MB):
   https://workdrive.zohoexternal.com/file/tx4wya8a88eb8fc2a4f92a3a98e75f72d869f

   Once you have downloaded the Image File, ensure that it is locked to prevent changes. A locked image will have a small lock in the lower left corner of the image icon.

   You can lock the image by Right (or Control) Clicking on the image, selecting "Get Info" and in the "Get Info" window, clicking on the "Locked" box. This write-protects the image. See screenshot on next page.
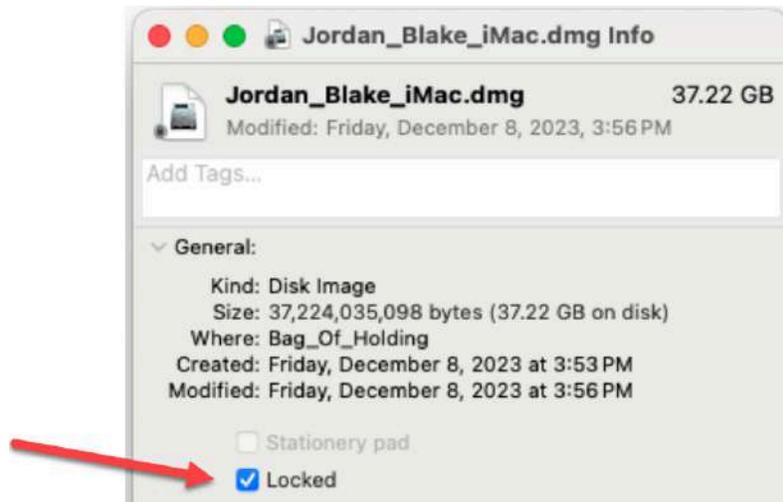
III. Software Requirements (use the current version of the tools unless otherwise stated)

1. Zoom
2. Xcode with Command Line Tools installed
3. DB Browser for SQLite
4. EasyFind
5. Homebrew
6. Full Disk Access – Needed for Most Applications

Software Installation

1. **Zoom**

   Download the Zoom installer application from the following link: https://zoom.us/download

   You must give Zoom permission to access your camera, microphone, and screen recording.
   a. Go to **System Preferences > Security & Privacy** tab.
   b. Scroll down to "Camera" and either add Zoom or, if it is already present, click on the check box to enable it.
   c. Scroll down to "Microphone" and either add Zoom or, if it is already present, click on the check box to enable it.
   d. Scroll down to "Screen Recording" and either add Zoom or, if it is already present, click on the check box to enable it.

   Once you have granted permissions, reboot your computer in order for them to take effect.

2. **Xcode**

Xcode is macOS' integrated development environment that is necessary to install/run several of the applications that we will be using. It is available for free from the App Store and can be found using this direct link: https://apps.apple.com/se/app/xcode/id497799835?mt=12

Xcode is a large file, and download speeds from Apple tend to be slow. Ensure that you install Xcode as soon as possible.

Once Xcode is installed, go to the **Applications** folder and double-click on Xcode to start the application. After double-clicking, you may be presented with a pop-up that states **Command Line Developer Tools** installation is required. Click Install to start the installation process. You can verify that Xcode installed correctly with the following command:

sudo xcode-select –install

When Xcode and the Command Line Developer Tools are installed, you must agree to the terms of use. Do this by running the following command in the Terminal App:

sudo xcodebuild -license

Once you agree to the terms of use, you can quit Xcode and the Terminal app.

3. **DB Browser for SQLite**

Download the installer DMG from the following location: https://sqlitebrowser.org/dl/

Once it is downloaded, double-click the DMG to mount it and drag the DB Browser icon to the Applications folder to install it. When completed, you can unmount the installer DMG.

4. **EasyFind**

   EasyFind is an advanced search engine that can find files and folders by name, content, tags, or comments using advanced Boolean operators. It can be downloaded from the following location: https://www.devontechnologies.com/apps/freeware

   Once the EasyFind zip file is downloaded, double-click it to extract the application. Drag the application from the Downloads folder to the Application folder to install the app.
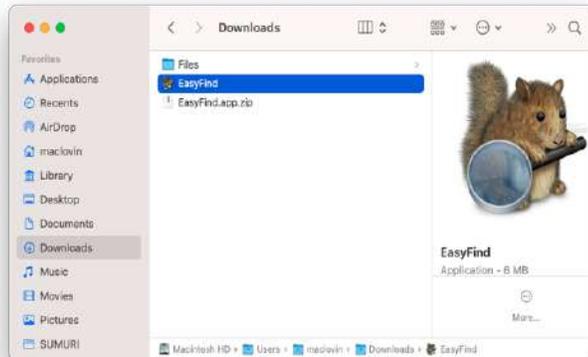
5. **Homebrew**

   Homebrew is much like MacPorts in that it allows the automated installation of 3rd-party applications via the command line.

   To install Homebrew, run the following command:

   /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"

   Once Homebrew is installed, quit the Terminal app.

6. **Full Disk Access**

   In order to allow certain functionalities for some of the applications, you must ensure the following applications have full disk access. Do this by navigating to **System Settings > Privacy & Security**.. Scroll down to "Full Disk Access'' and add:

   ● Terminal
   ● Xcode
   ● DB Browser for SQLite