

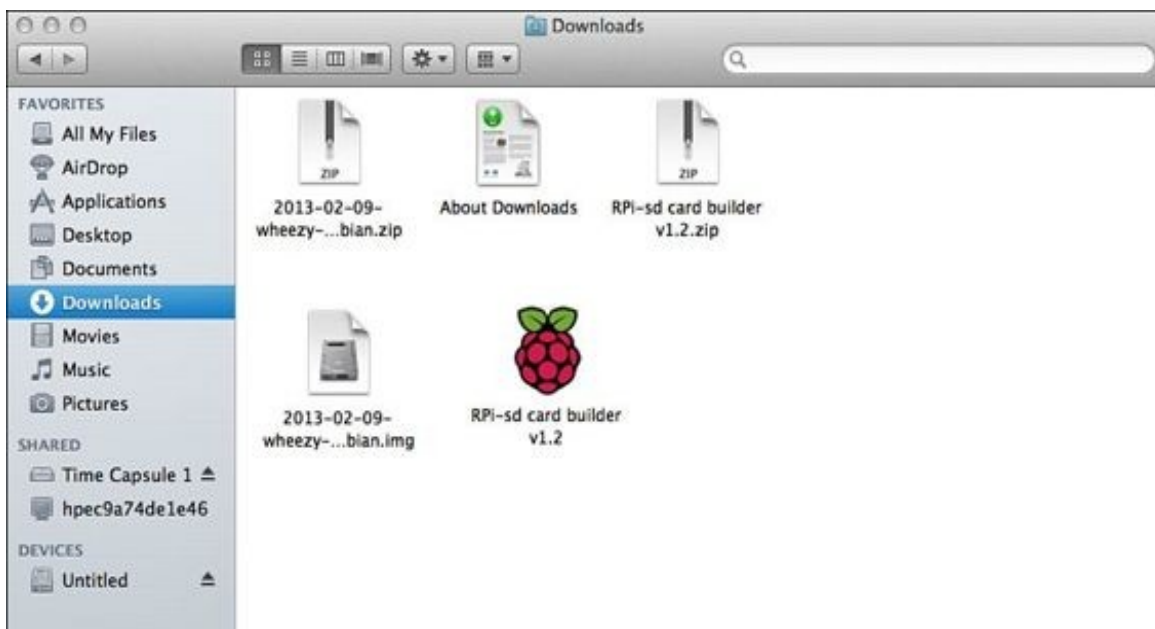
Loading the Raspbian Operating system onto an SD Card

This tutorial will help you move your downloaded copy of the Raspbian operating system's raw image from your Mac computer to an SD card.

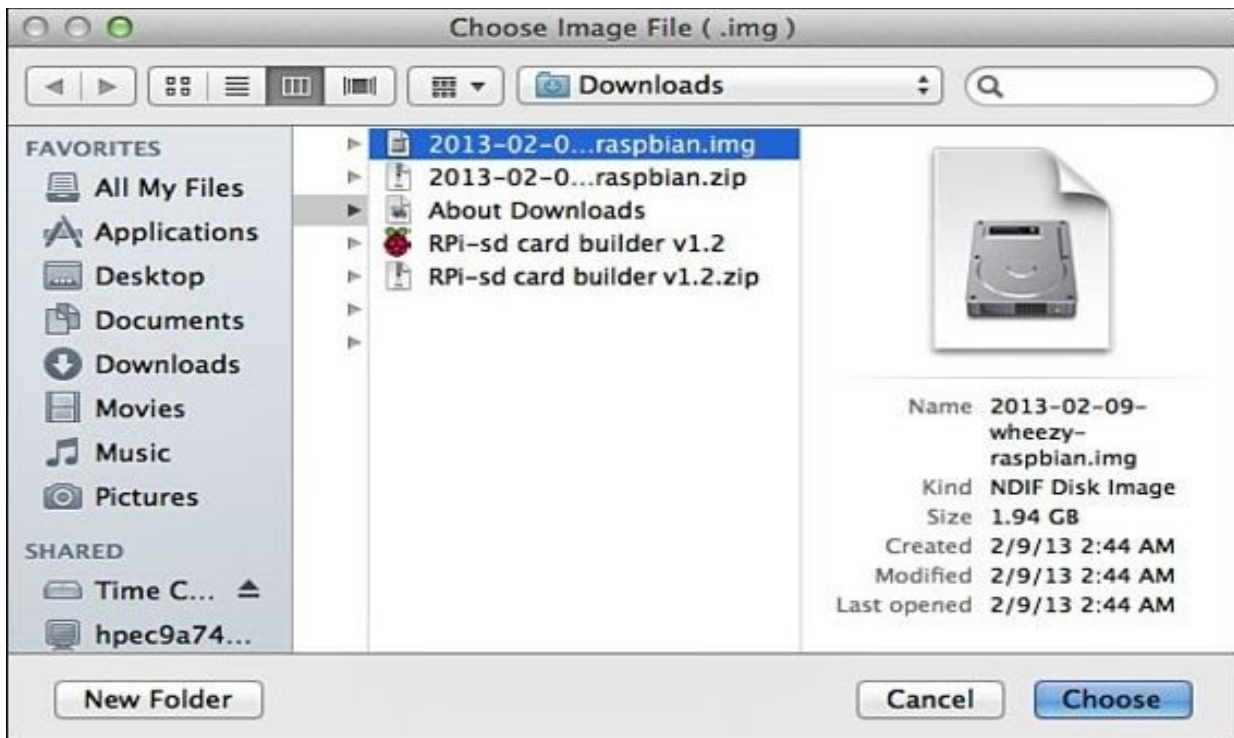
Mac: Loading Raspbian onto an SD Card

If you downloaded Raspbian to a Mac, follow these steps to load Raspbian onto an SD card:

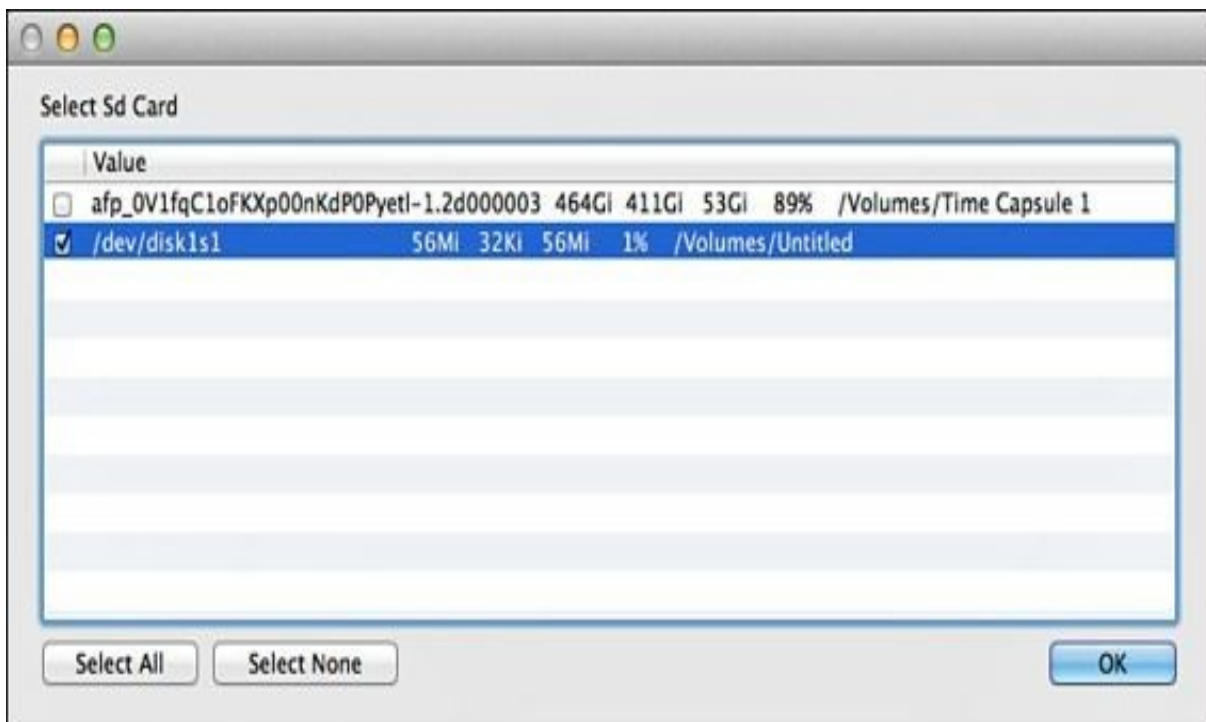
1. If you do not already have one, download and install a disk image writer utility. The RPi-sd card builder utility is the recommended tool. You can find it by opening your favorite web search engine and typing in the name `RPi-sd card builder`. Doing this ensures that you obtain the latest utility copy.
2. After you download the RPi-sd card builder utility, extract it by double-clicking the downloaded zip file. The below figure shows that the RPi-sd card builder utility has been extracted and is represented by a Raspberry icon.



3. Insert your SD card into your SD card reader. It should appear as "Untitled" under *Devices* in the Finder utility.
4. Assuming that you have downloaded the Raspbian operating system zip file and extracted the image file, run the RPi-sd card builder utility. It will ask for the image file, as shown in the below figure Use Finder to browse to the image file.



5. When the utility asks if the SD card is connected, click Continue. When it shows you a list of SD cards, select the correct one, as shown in the below figure.

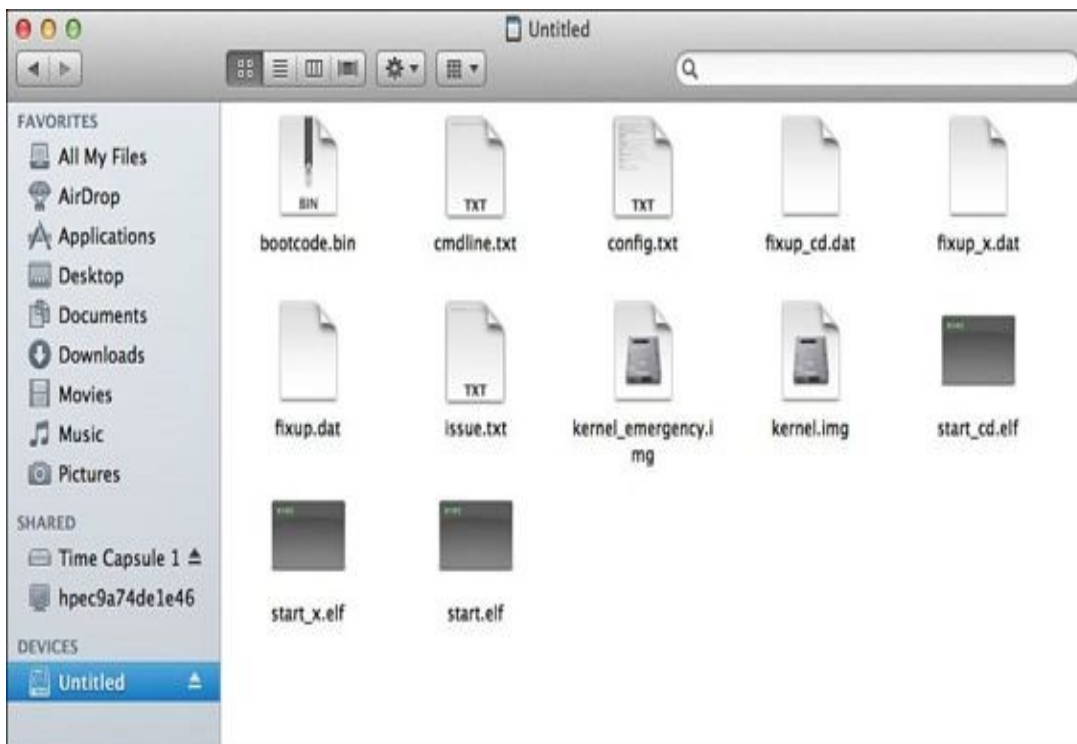


Watch Out!: Which One Is My SD Card?

This step can be very confusing. The SD card may appear with the name “Untitled” and appear to have the wrong disk size. Knowing what storage devices are currently connected to your system and their names will help you ensure that you properly select your SD card. The wrong selection here could wipe out the wrong disk, such as a shared network drive.

When the utility finishes transferring the operating system image to your SD card, it tells you to physically remove the card after you have unmounted it. However, the utility actually unmounts the card for you when it is done. It is best to watch the Finder window until your SD card goes away. When it does, you know that the RPi-sd card builder utility has finished the image transfer process and unmounted your SD card. Now, you can physically remove the card from the SD card reader.

6. Check to make sure the RPi-sd card builder utility worked correctly. After you remove the SD card from the card reader, put it back into the card reader in order to remount the card to your Mac. You should see a display of files similar to what is shown in the below figure. Unmount the SD card and remove it from your card reader. The Raspbian operating system is now loaded on your SD card.



A correctly created SD card.