

HOW TO: FORMAT & PARTITION EXTERNAL DRIVE FOR TIME MACHINE

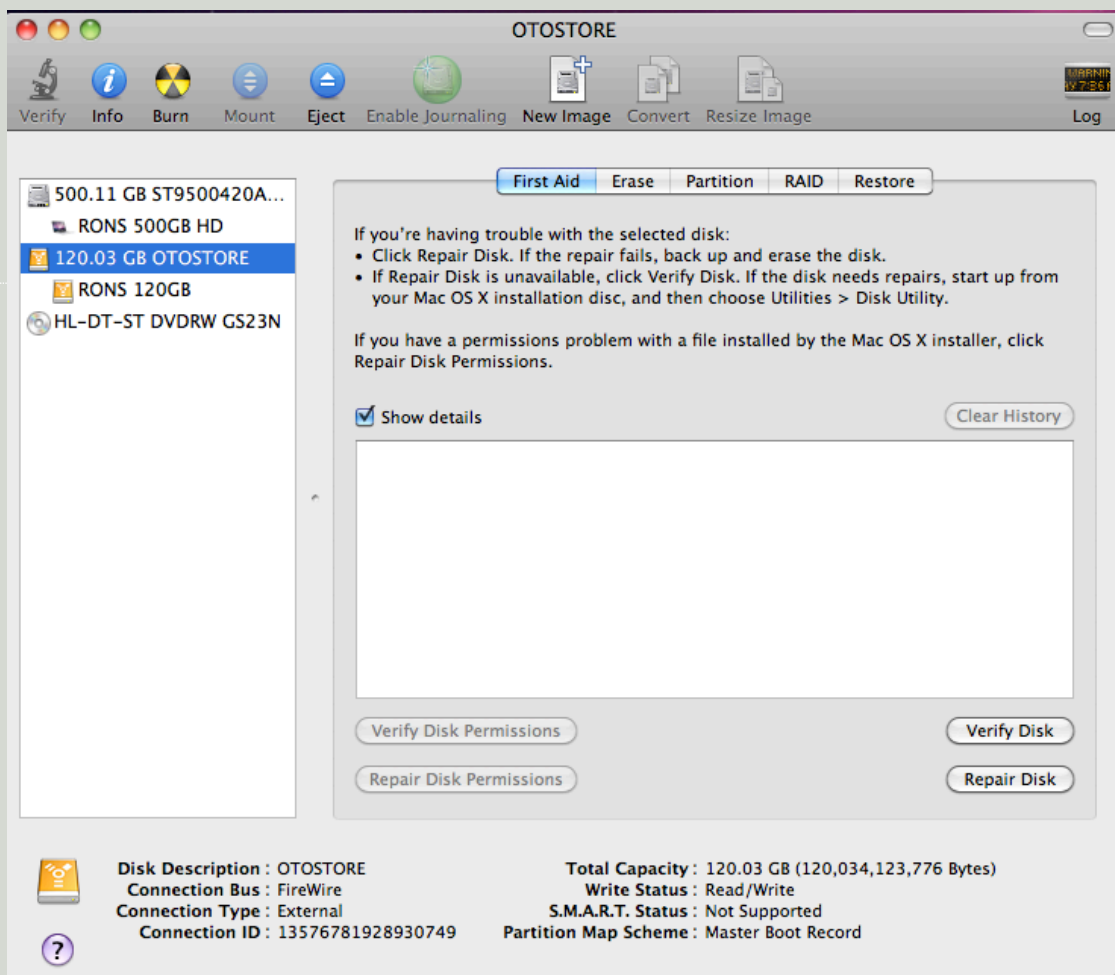


FORMAT & PARTITION YOUR DRIVE TO WORK WITH TIME MACHINE

Time Machine backups aren't bootable until restored with the Time Machine application on a Mac OS X install DVD or installation, or migrated from following setting up an OS manually.

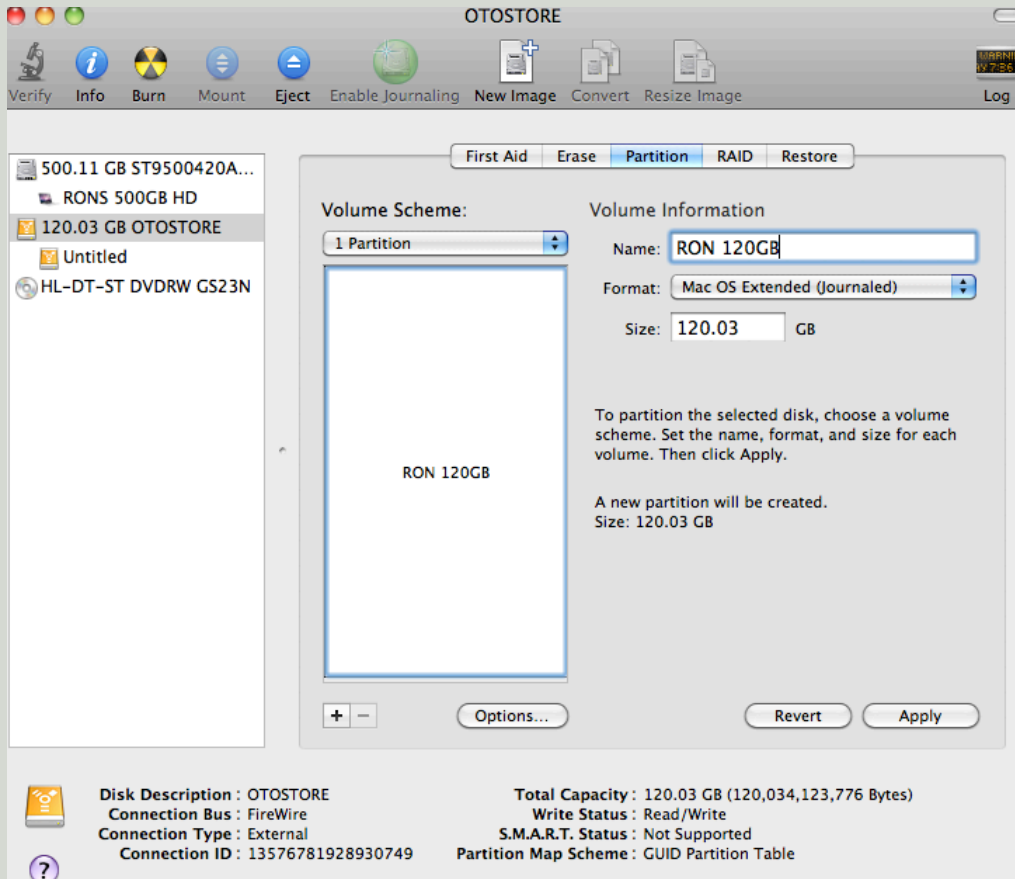
A Time Machine backup drive can be partitioned to include a Mac OS X system, but as before, the backed up system needs to be restored before it can be booted from.

1. Make sure to copy any files on your external drive to another location because reformatting will erase them.
2. Click on your Computer Hard Drive's icon. Select Applications → Utilities → Disk Utility.



3. In the left hand column, click on the drive icon for the name of your external drive. Make sure you click on the first icon, not the second level volume icon.

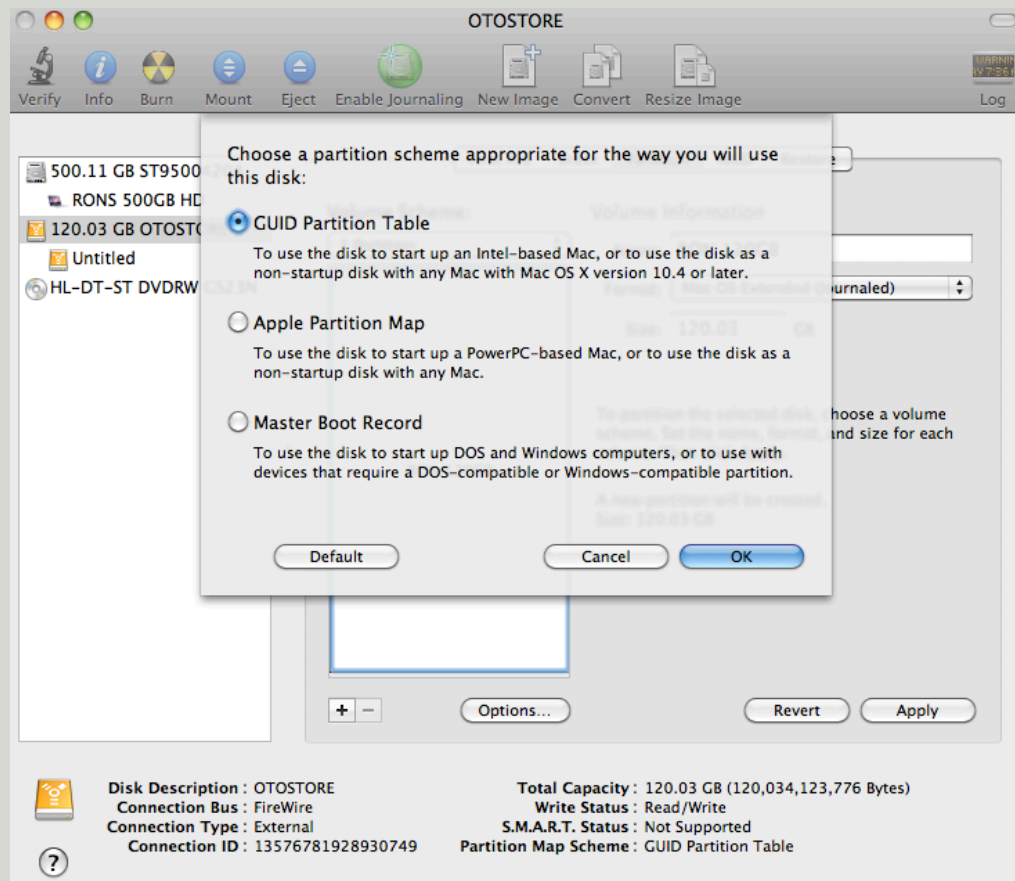
4. Select the Partition tab.



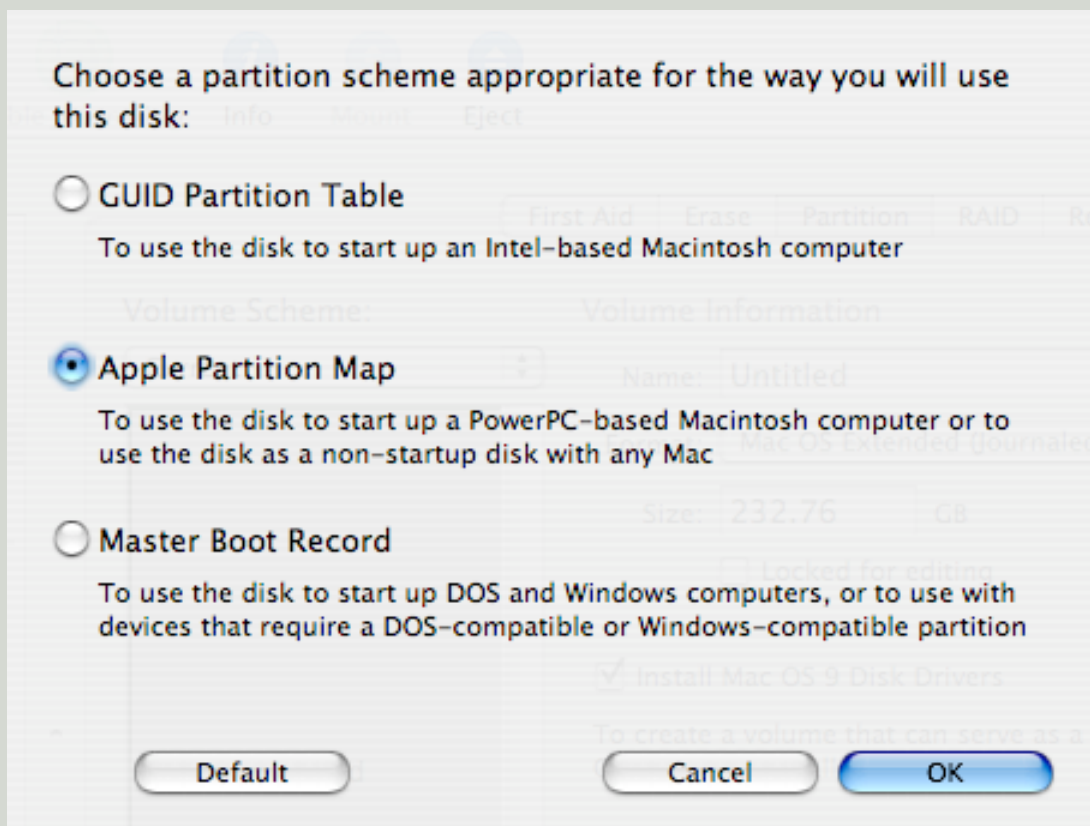
5. Select the format type from the Format drop-down menu.

Select Mac OS Extended (Journaled) (recommended).

6. Click on the Options button.



7. Select the type of partition you want to use: a) **GUID Partition Table - for Intel-based Mac**



b) Apple Partition Map - for PowerPC-based Mac

- 8. Click OK
- 9. Enter a Name for our External Drive (If you haven't already), and click 'Partition'



- 9. You will receive a warning message "Partitioning a disk will delete all the data on this disk." Click 'Partition'
Click 'Apply'

Once Disk Utility is finished formatting, your new drive will appear on your desktop. You have finished formatting your drive for PowerPC (PPC) or Intel based Partition Map.

Turn on Time Machine in System Preferences:

How Time Machine Works:

Time Machine copies the files on your computer to a destination you designate—such as an external hard drive or a second drive inside your Mac. Then, once per hour, the program runs again, updating your backup to include whatever files have changed since last time.

With each hourly backup, Time Machine makes a snapshot of your entire system. If you look through the folders on your backup disk, you'll see what appears to be a complete copy of all your files for each of numerous backup sessions. But to some extent that's an illusion; Time Machine copies to your backup disk only the files and folders that are different from the ones in your previous backup. Using a bit of Unix magic known as hard links, Time Machine can store just one copy of a file or folder but make it appear to be in several places at once. That way, your disk doesn't fill up with multiple copies of files that haven't been changed.

Time Machine keeps the last 24 hourly backups, the last 30 daily backups, and as many weekly backups as there is space for. You can count on it to keep the first backup of any given day for an entire month.

Even after a month, it preserves the first backup of each week until your disk is nearly full.

Only at that point does the program begin purging files from your oldest weekly backups.



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YOUR DRIVE TO WORK
WITH TIME MACHINE**

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