



SeaSonde Radial Site Release 6 **SeaSonde System Setup for OS X 10.5 (Leopard)**

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This document outlines installing and configuring a Mac Intel Computer with OS X 10.5 (Leopard) for use as a SeaSonde Radial Site Processor. New SeaSonde Radial Sites are shipped pre-configured as are Replacement Processors. If you are upgrading a SeaSonde Processor on your own, it is critical that you follow these steps in order that CODAR can continue to support your systems.

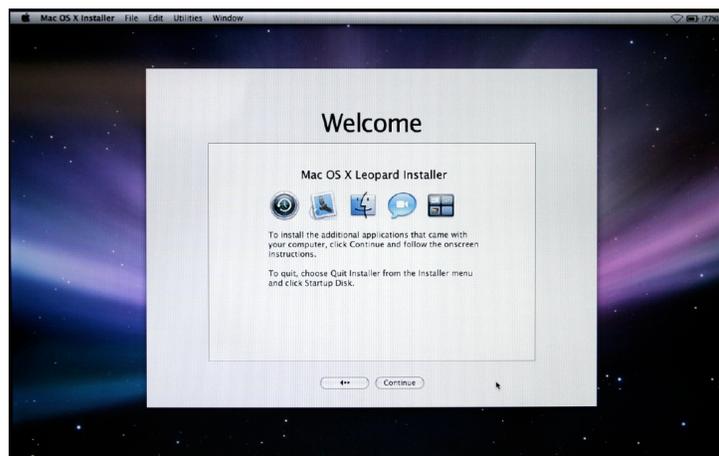
If you are running Timbuktu 8.6 or earlier you **MUST** upgrade to 8.7 for Leopard compatibility. Timbuktu keys for 8.6 should work for 8.7. If your keys do not work with 8.7 they may be purchased from CODAR or Netopia at www.netopia.com.

The first seven steps (check boxes) apply to those who are upgrading their OS. If you bought a new Mac with Leopard installed already you may skip the italicized steps (first seven “check boxes”).

System Install

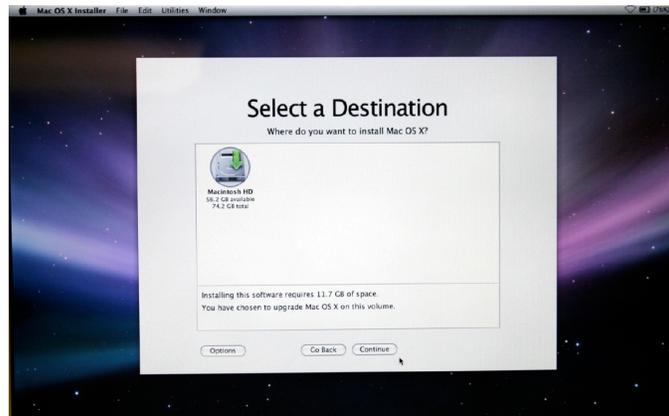
Insert OS X Leopard DVD and click the OS 10.5 installer. Restart the computer when prompted.

When you restart the Mac OSX Installer program will activate and you will be given the following screen window. Please select the 'Continue' button.

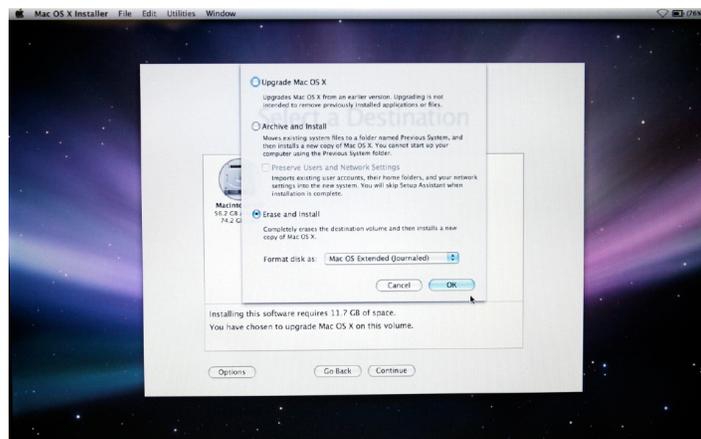


Agree to the Apple License Agreement in the drop down dialog that appears.

Select a destination disk. Select the main hard disk.

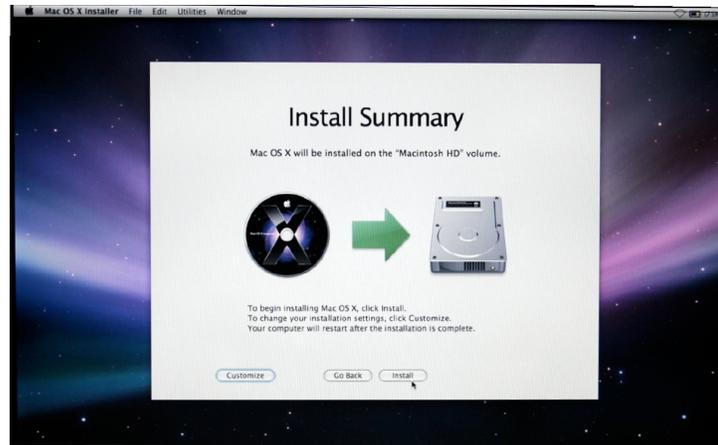


We recommended that you do a full installation instead of an upgrade unless you have data on the disk that must be saved. Press the 'Options' button and select the 'Archive and Install' option. Press the 'OK' button on the drop down dialog then the 'Continue' button on the main window.



If you just want to upgrade the Mac OS to Leopard from OS X 10.4 and need to save the data on the hard disk select the 'Upgrade' option instead. (If this is a previous SeaSonde Processor, be sure to backup any important data first.)

After reviewing the “Install Summary” window. Press the 'Install' button.



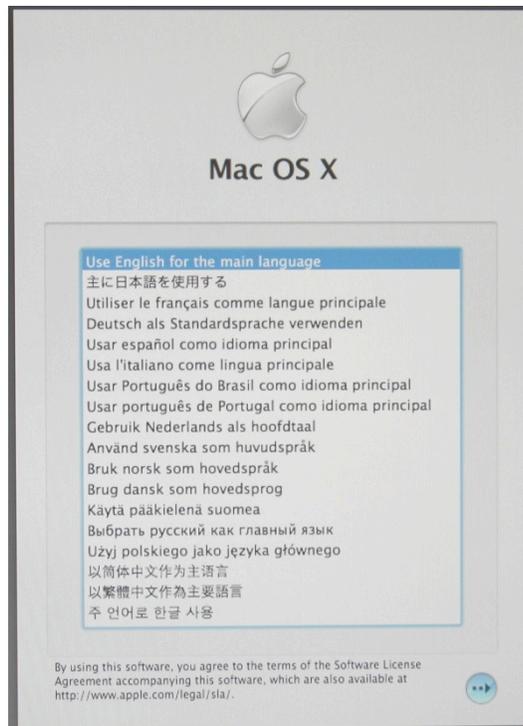
Once OS X is installed you will be prompted to restart. After that you will get an introduction movie.



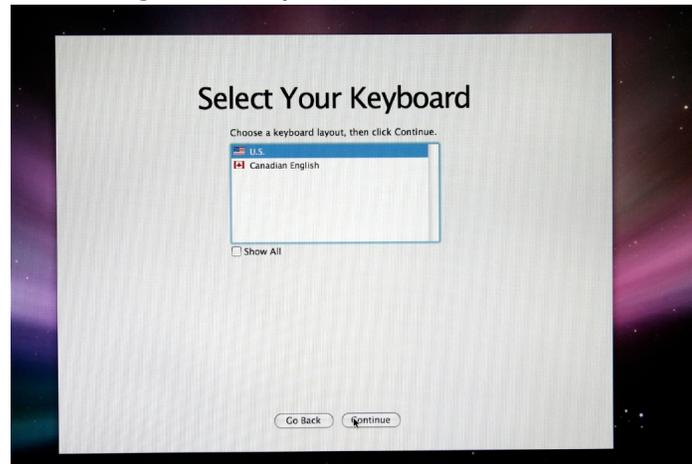
- At the “Welcome” screen. Select the United States as the country and click 'Continue'.



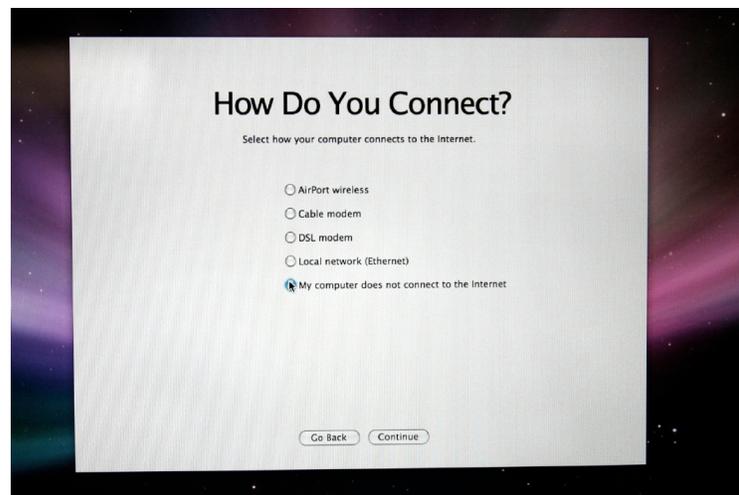
- Use the English selection and press the arrow button on the bottom right side of the window.



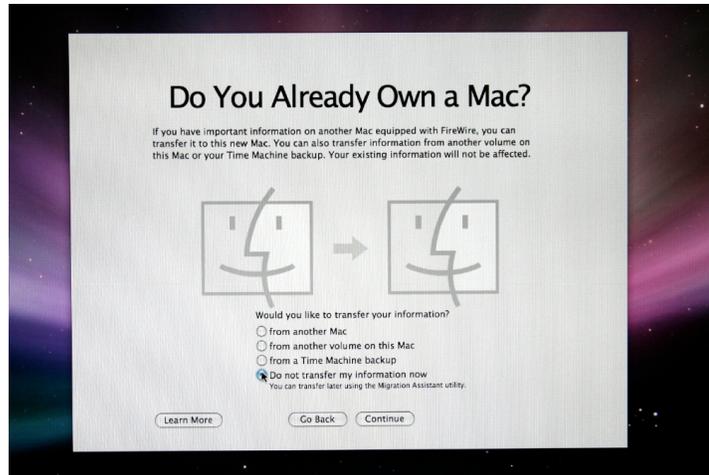
- Select the appropriate keyboard and press the 'Continue' button. *Selecting the incorrect keyboard will cause the keyboard to work differently than what is shown on the keyboard making text entry difficult.*



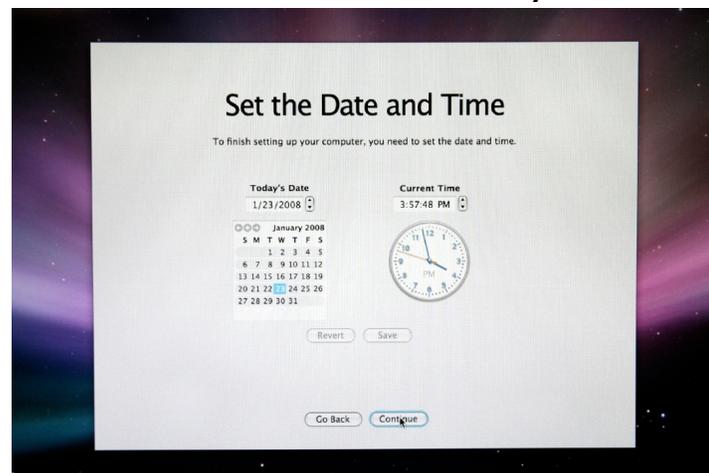
- Select the way the computer will connect to the Internet. OS X Leopard automatically finds active connection so this window may not appear if a connection is discovered.



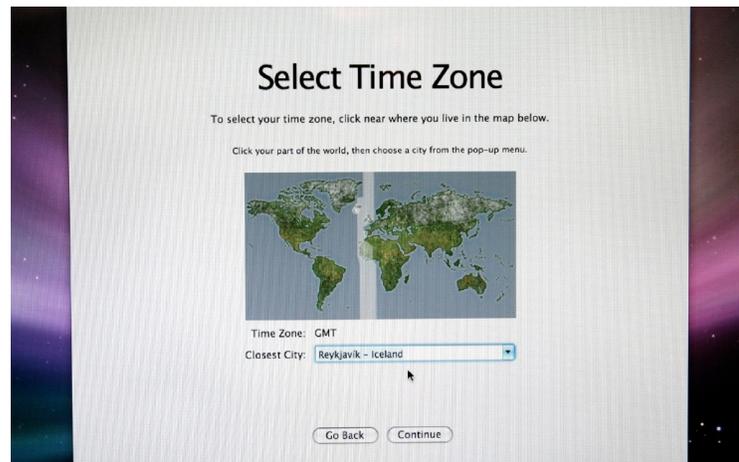
Most users should select the 'Do not transfer my information now' option and press the 'Continue' button.



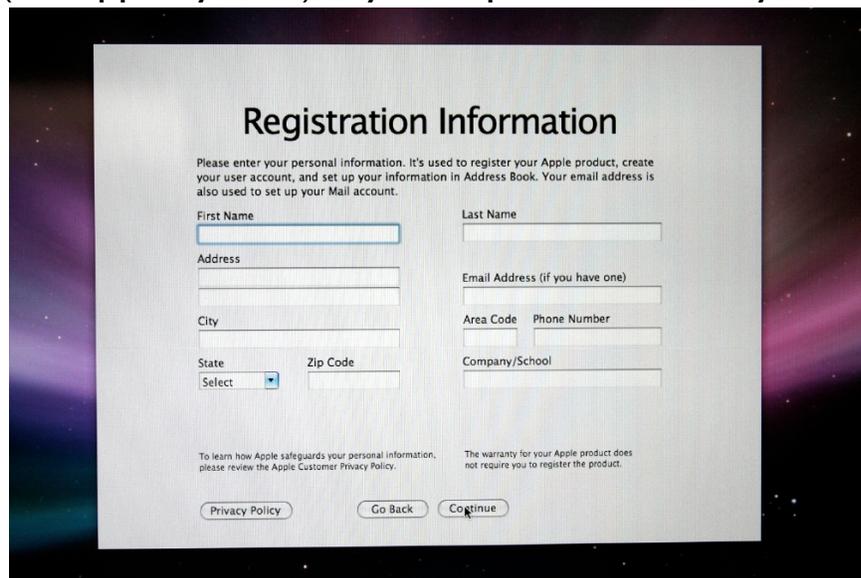
Set the date and time. OS X will set the time to your preferred time zone automatically if an internet connection is available. If the Internet is not available, enter the time manually.



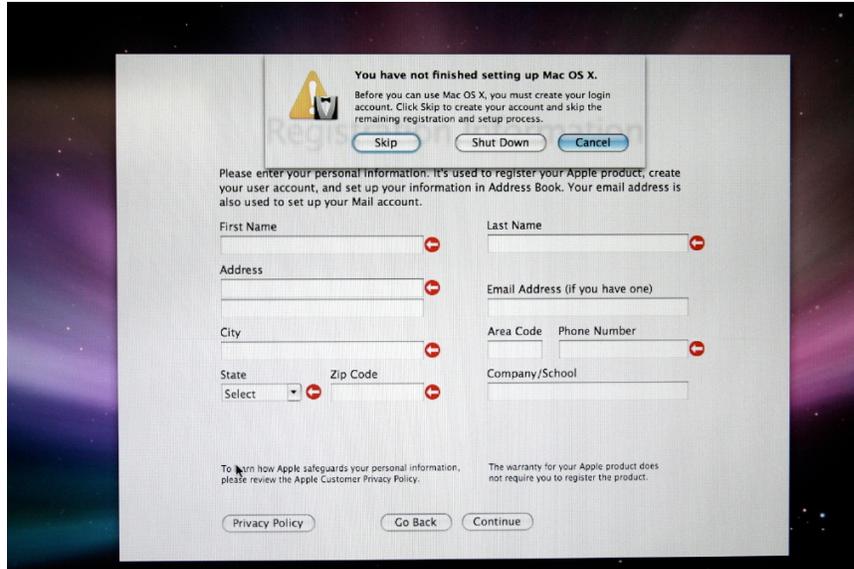
Set the time zone. CODAR recommends that you set the time zone to UTC. Enter “UTC” into the Closest City dialog and click Continue.



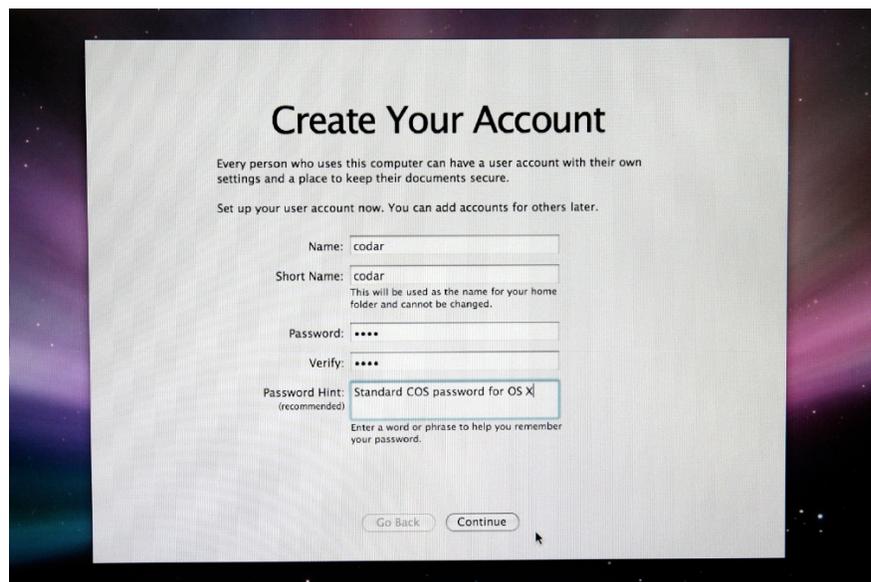
You will be prompted to register your computer with Apple. CODAR recommends that you skip the registration by holding down the 'command' (has apple symbol) key then press the 'Q' key.



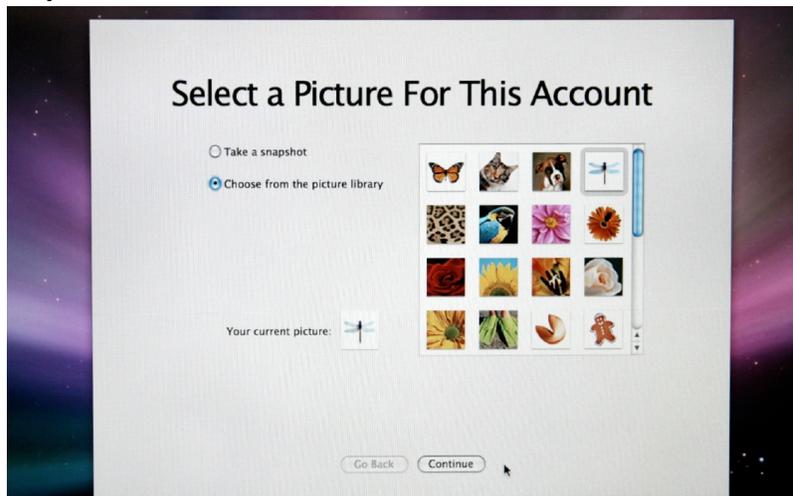
Skip registration by selecting the 'Skip' button from the drop down dialog.



When prompted to set up the primary administration account, enter "codar" (lowercase) for the account name and nickname and set the password. CODAR Support recommends using the default SeaSonde login password. Type the password again into Verify and put in the password hint 'Standard CODAR Password for OS X'. Press the 'Continue' button.



- Select a picture for the account. Choose which ever one you like.



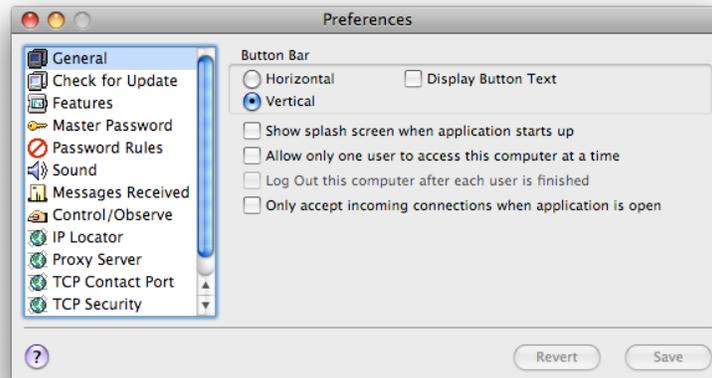
- You will again be prompted to register. This is optional. If you want to register, you can return to this later using the alias in the “codar” account’s home directory.



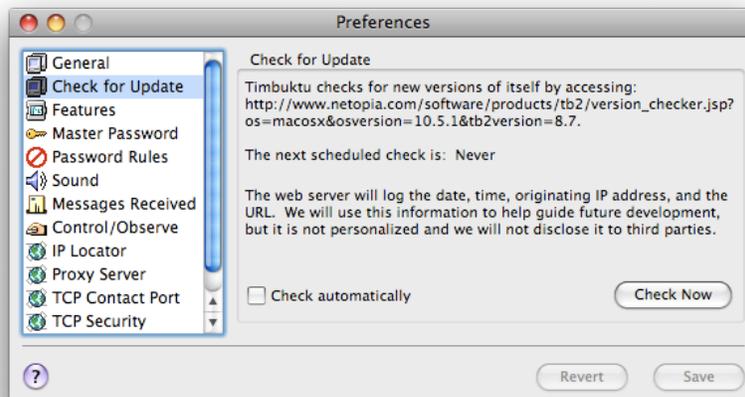
Timbuktu and 3rd Party Software Install

- Install latest Timbuktu (TB2) software image (version 8.7 or later).
 - List Key number here:
-

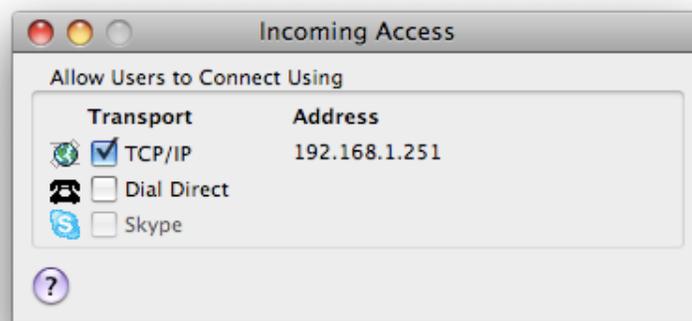
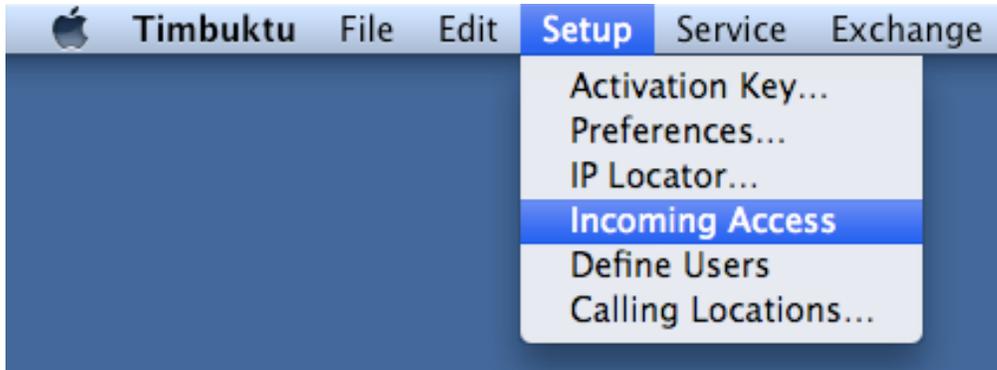
In TB2 preferences under 'General' uncheck 'Display Button Text' and 'Show splash screen when app starts up' boxes.



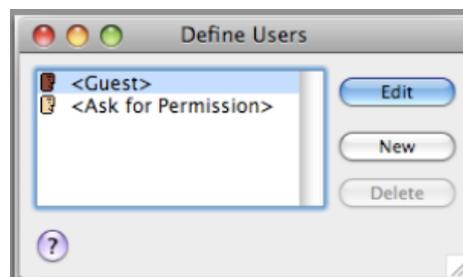
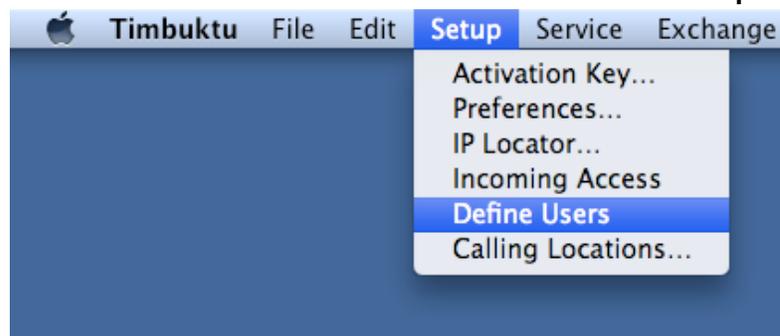
In TB2 preferences under 'Check for Update' uncheck the automatic update function and save the preferences.

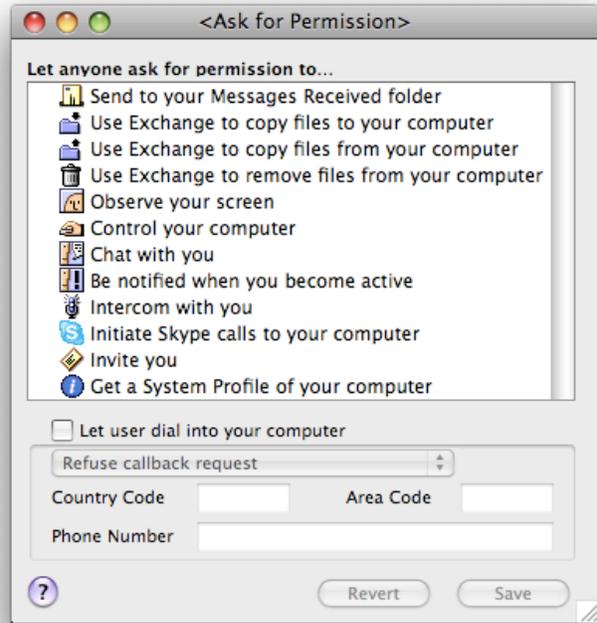


- Under the Setup menu select 'Incoming Access' and check the TCP/IP box.

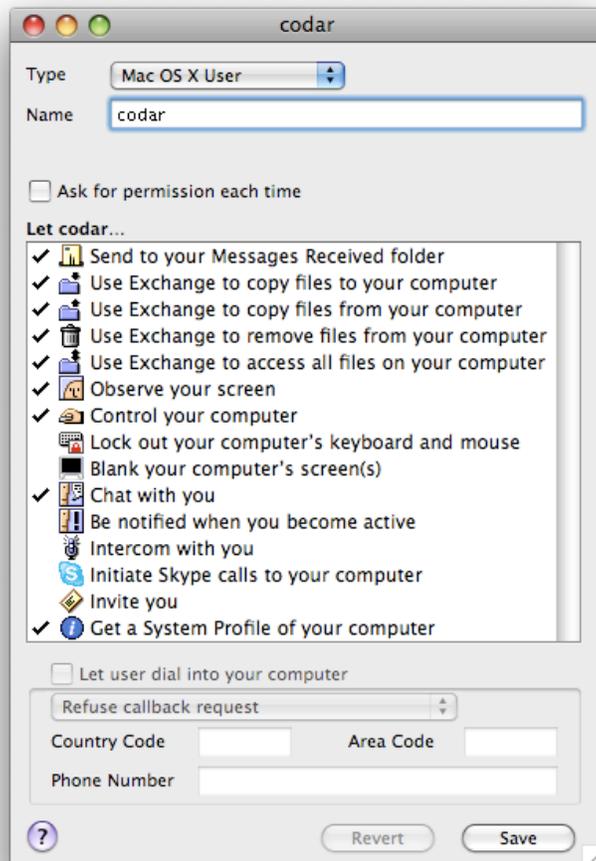


- Under the Setup menu select 'Define Users' and edit the <Guest> and <Ask for Permission> accounts, uncheck all access options.

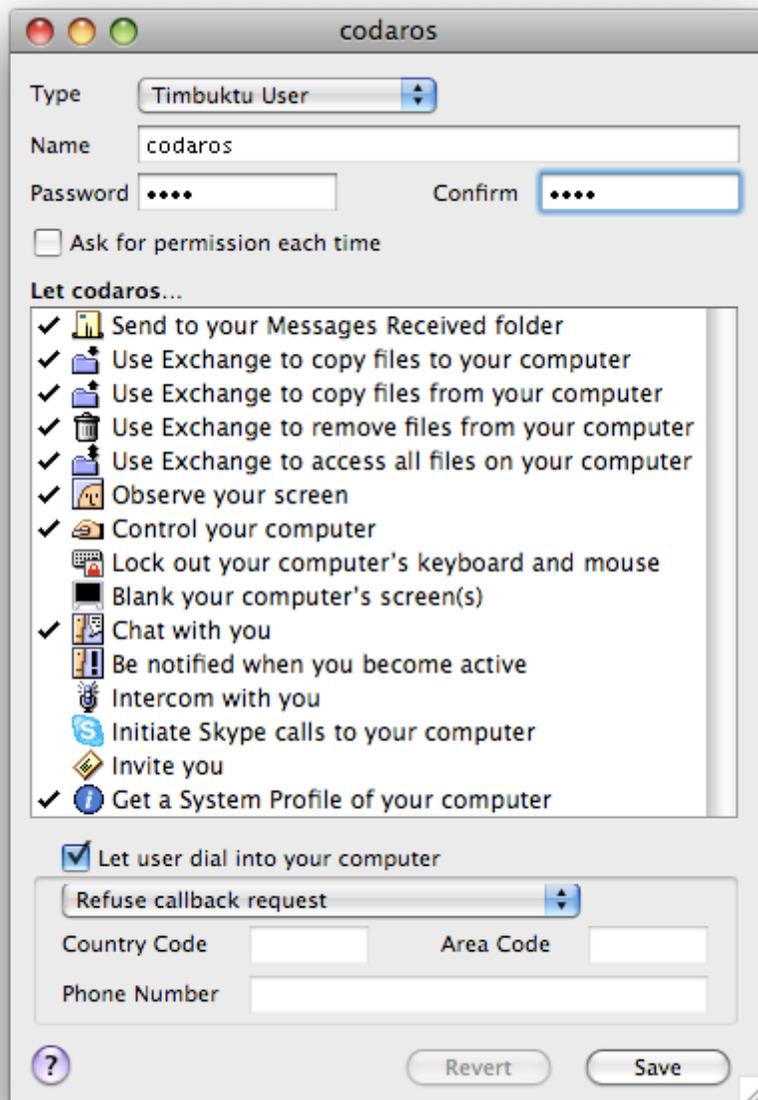




Make a new user account, set the type to 'Mac OS X User', make the name 'codar'.



- Make a new user account, set the type to 'Timbuktu User', make the name 'codaros', and use the standard SeaSonde password.

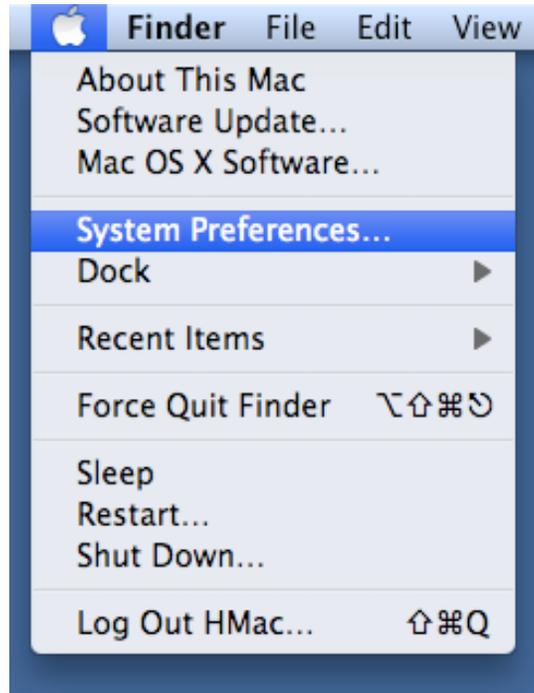


- For both accounts, check the 'Use Exchange to access all files on your computer' access option.

- For both accounts, uncheck: 'Be notified when you become active', 'Intercom with you', 'Invite you', 'Initiate Skype calls to your computer' access options.

System Preferences

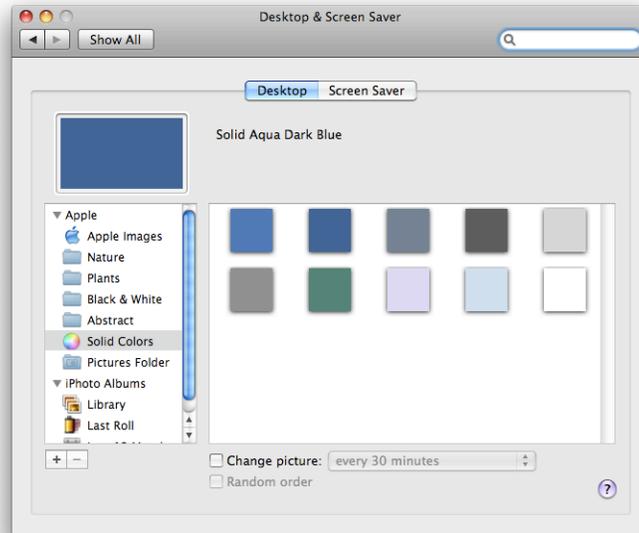
- Go to the System Preferences window by selecting the option in the apple menu.



- Go to the “Desktop/Screensaver” pane.



- Set Desktop background to Solid Aqua Dark Blue.



- Set Screen Saver to “Computer Name” and set time the screen saver activates to Never.



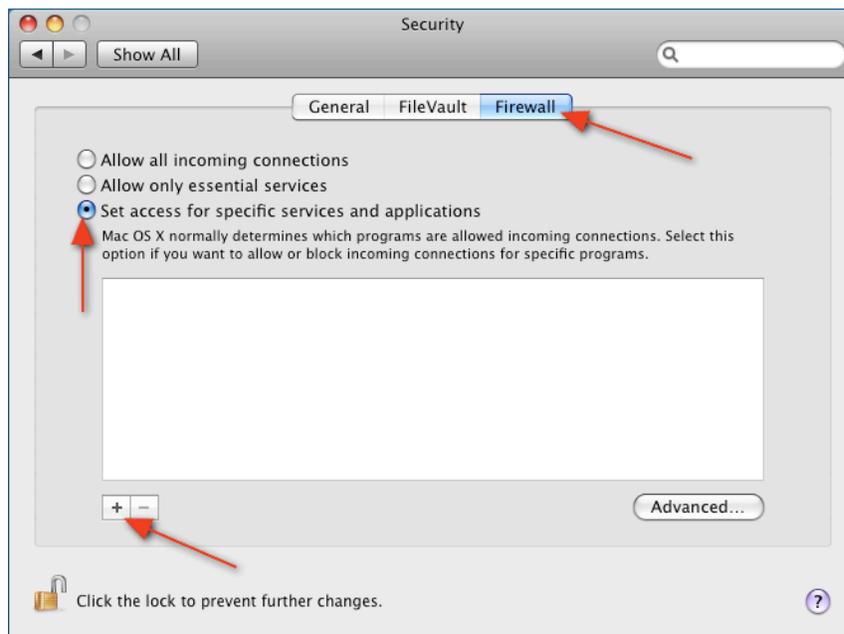
- Press the “Show All” Button to return to the top pane in the System Preferences window.



- Select the ‘Security’ Pane.



- Select the 'Firewall' tab and click the 'Set access for specific services and applications' button.



- Press the plus button add Timbuktu Pro to the allowed programs. Select the Timbuktu Pro application. You will find it in the Timbuktu Pro folder in the Applications folder.



□ Your window should look like the following window.



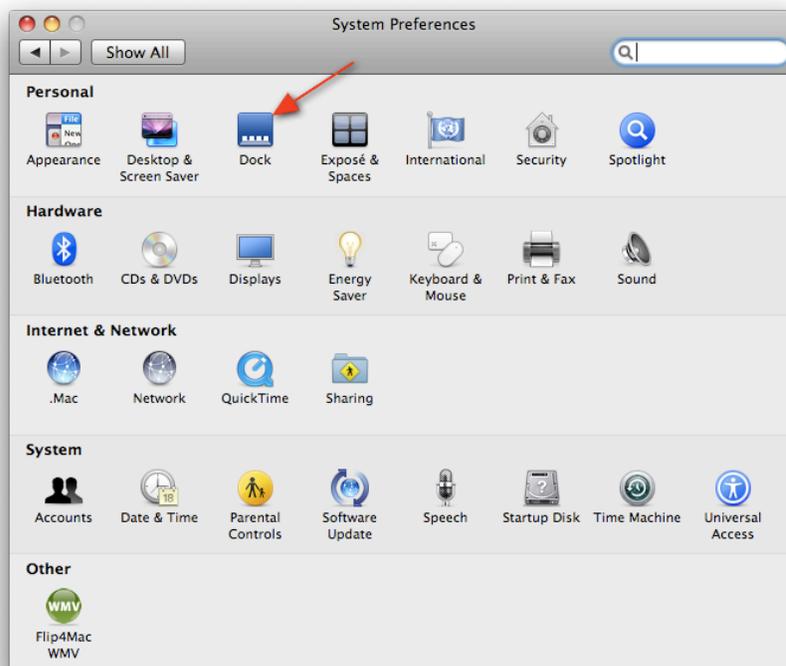
- Click on the 'Advanced' button.
- Check "Enable Firewall Logging". Check "Enable Stealth Mode". Then click the 'OK' button.



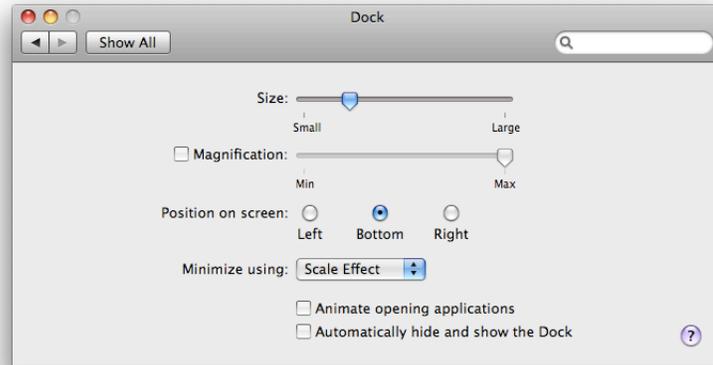
- Press the "Show All" Button to return to the top pane in the System Preferences window.



- Select the "Dock" pane.



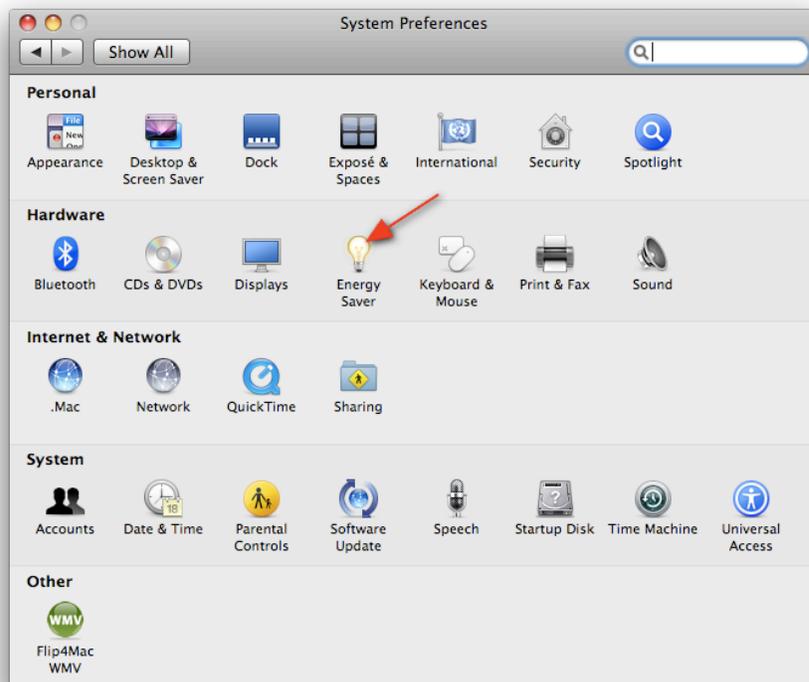
- Set Dock size slider until the Dock icons are about one centimeter size, uncheck animate opening applications and set the “Minimize using” option using the check list setting “Scale Effect”.



- Press the “Show All” button to return to the top pane in the System Preferences window.

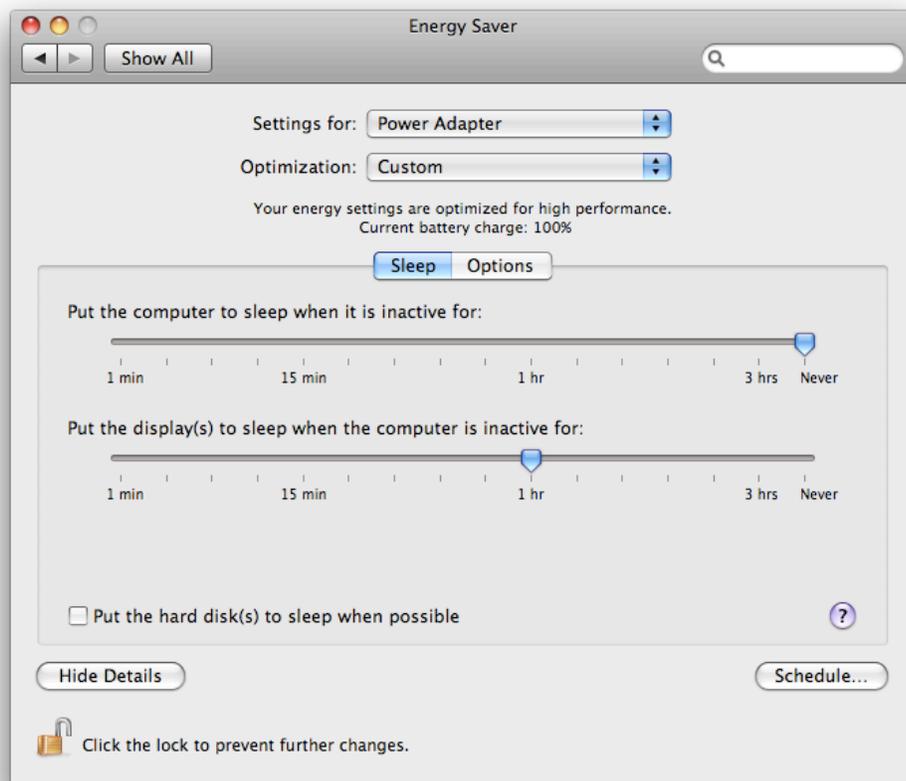


- Select the “Energy Saver” pane.



- In the Energy Saver settings set computer sleep to never.
- Put the display to sleep slider to “never”.

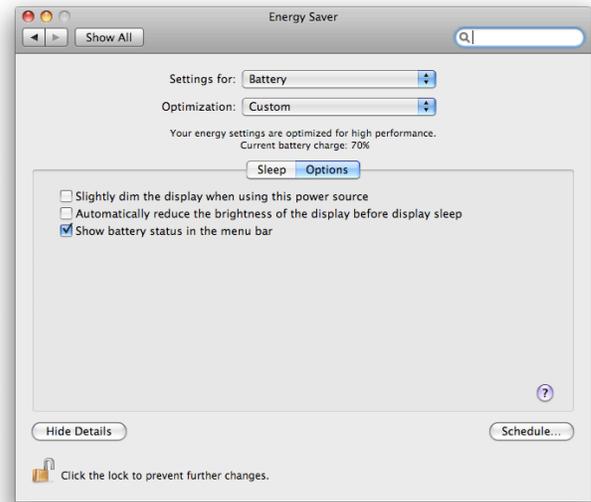
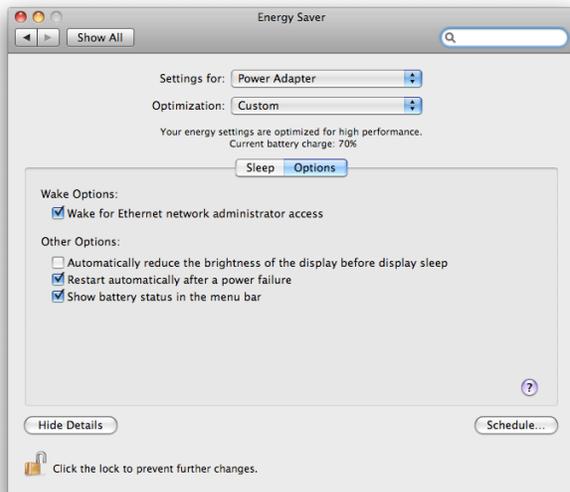
- Uncheck the 'Put the hard disk(s) to sleep when possible' box.



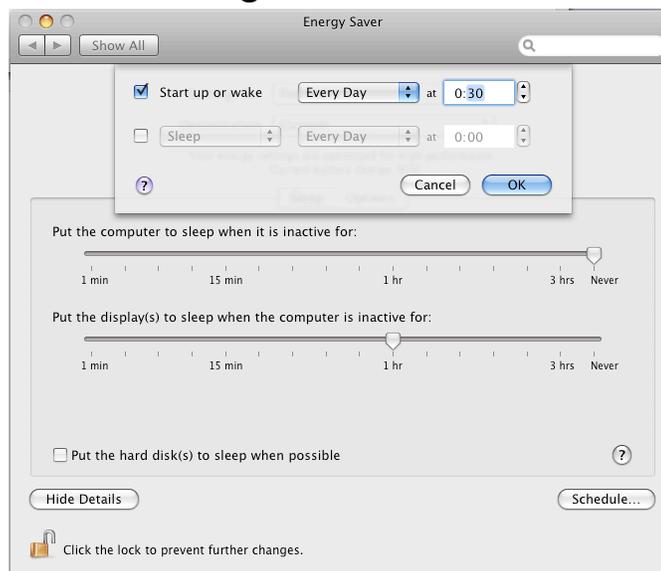
- In Energy Saver 'Options' tab **uncheck** the 'Let power button sleep the computer' box.

- Check the 'Restart automatically after power failure' box. This option will be active on MacPro, MacMini, and on the Power Adaptor section of the Options tab for laptops.

- For laptops repeat above procedures for the 'Battery' settings though the options may be a slight bit different. The important item is the restarting after the power fails.



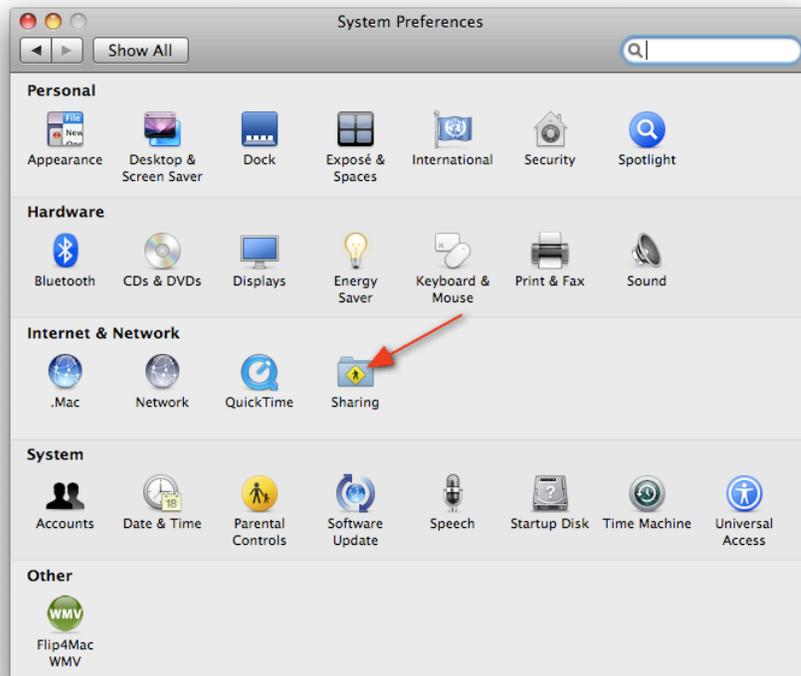
Press the “Schedule” button and set the computer to start up everyday at 30 minutes past midnight. If the computer is already running in normal operation this will have no effect. If you have accidentally shut-down the computer via a remote Timbuktu session, the computer will start itself again just after midnight.



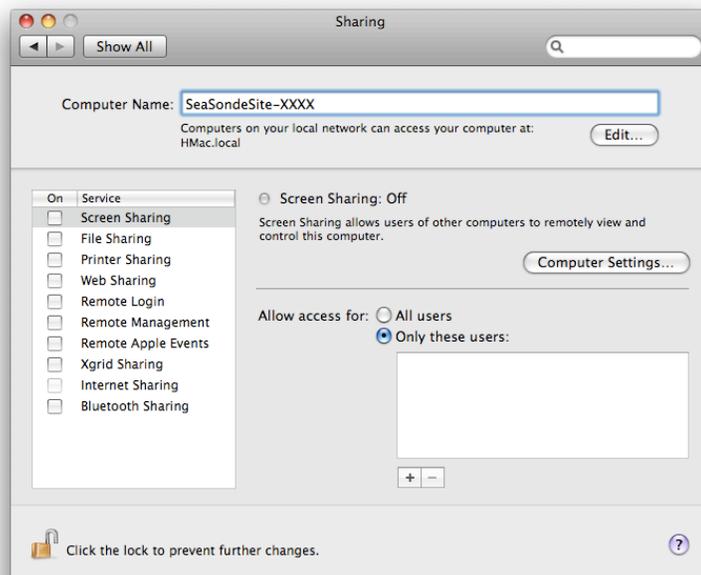
Press the “Show All” Button to return to the top pane in the System Preferences window.



- Select the “Sharing” pane.

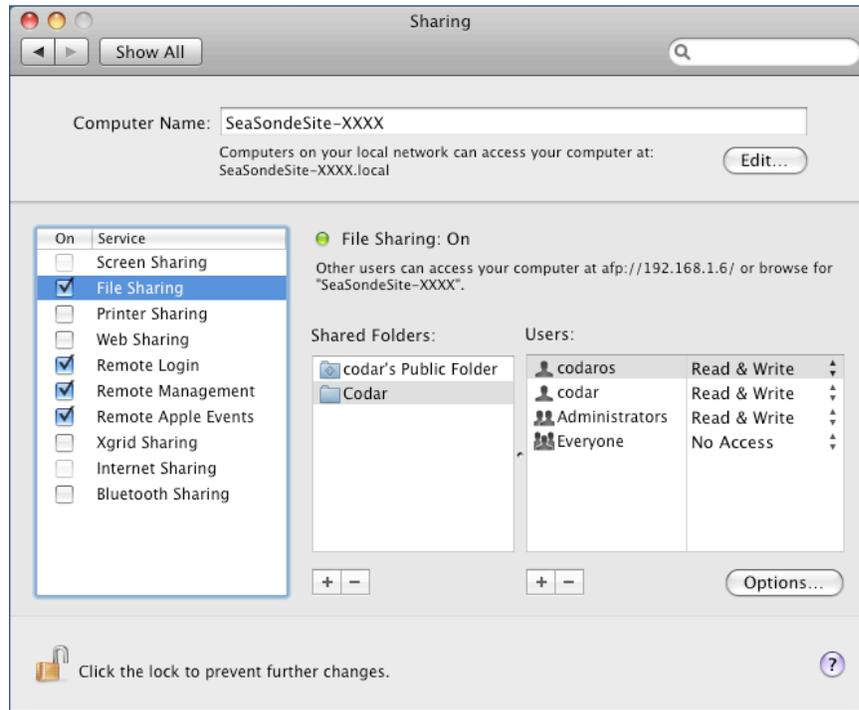


- In the 'Sharing' preference pane, set the computer name to 'SeaSondeSite-XXXX' where XXXX is the four letter site code for your SeaSonde that you will be using to mark data files with.

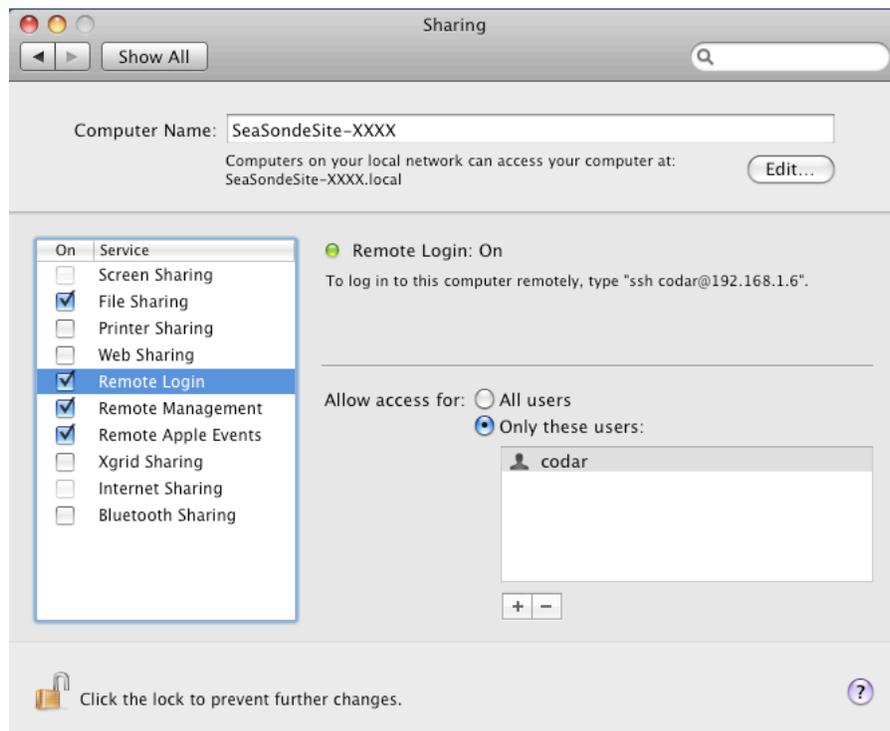


- In 'Sharing' under the 'Services' pane column, check the following check boxed items: File Sharing, Remote Login, Remote Management, and Remote Apple Events.

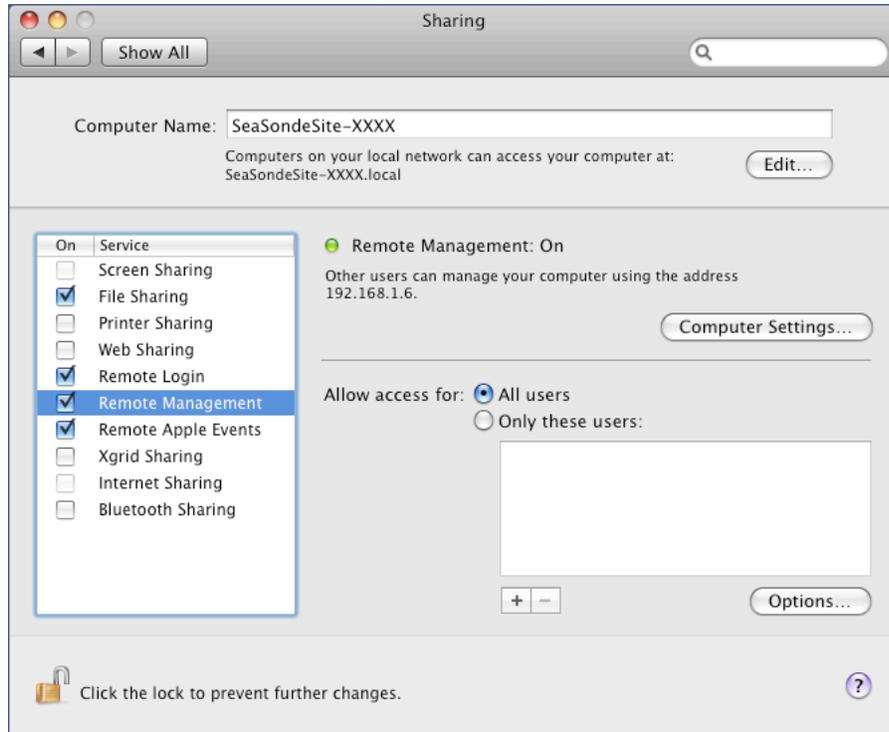
- Select the File Sharing option (highlight File Sharing) and add the Codar folder to the Shared Folders window. Add the users codar and codaros (if not there already) and set the privileges to Read & Write.



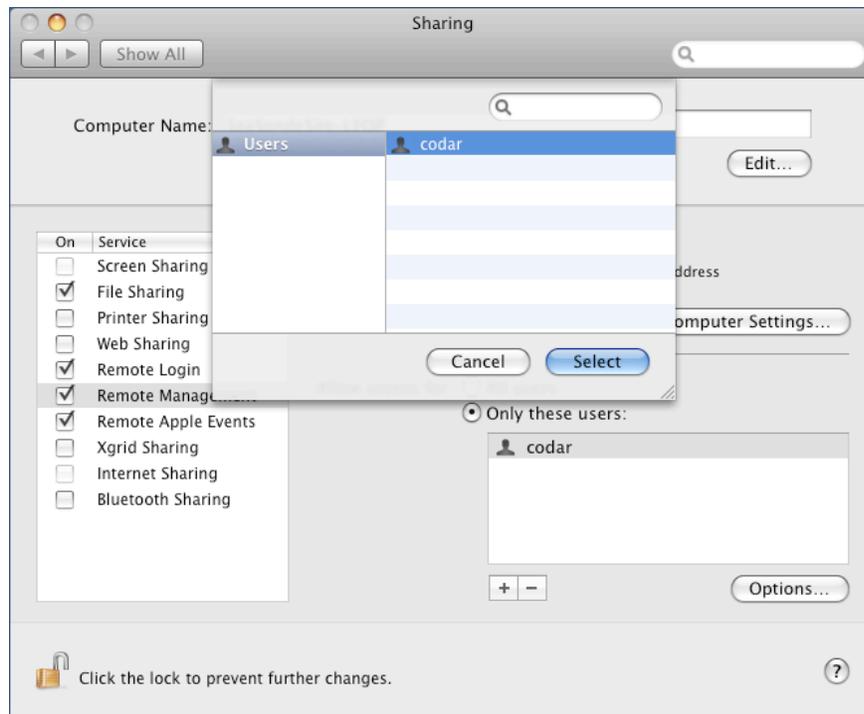
- Select the Remote Login option. Click the 'Only these users:' button and add the codar user.



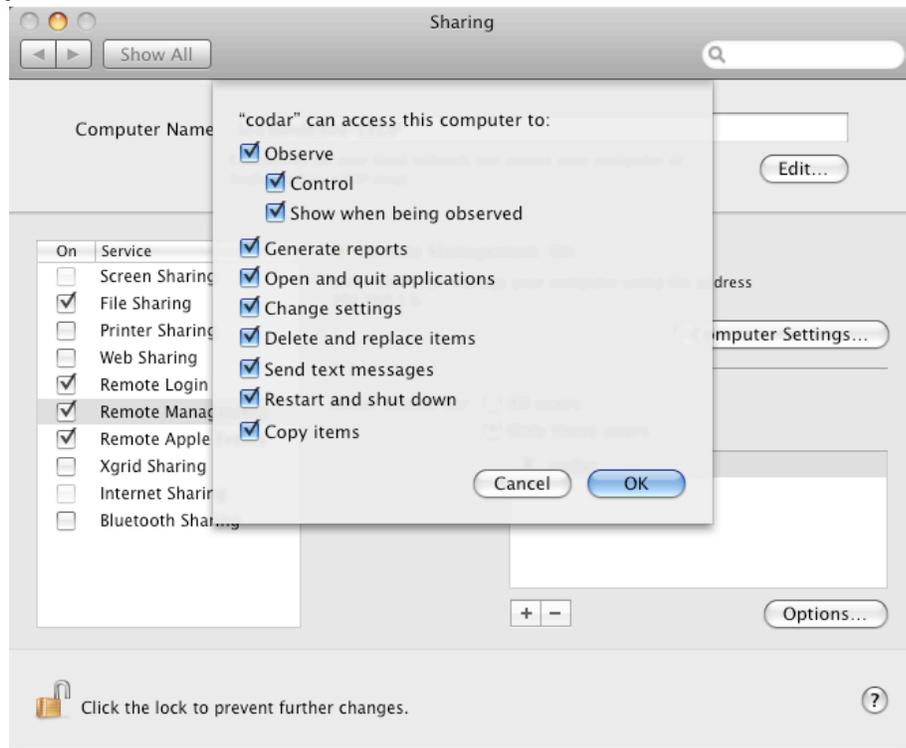
- Select the Remote Management option.



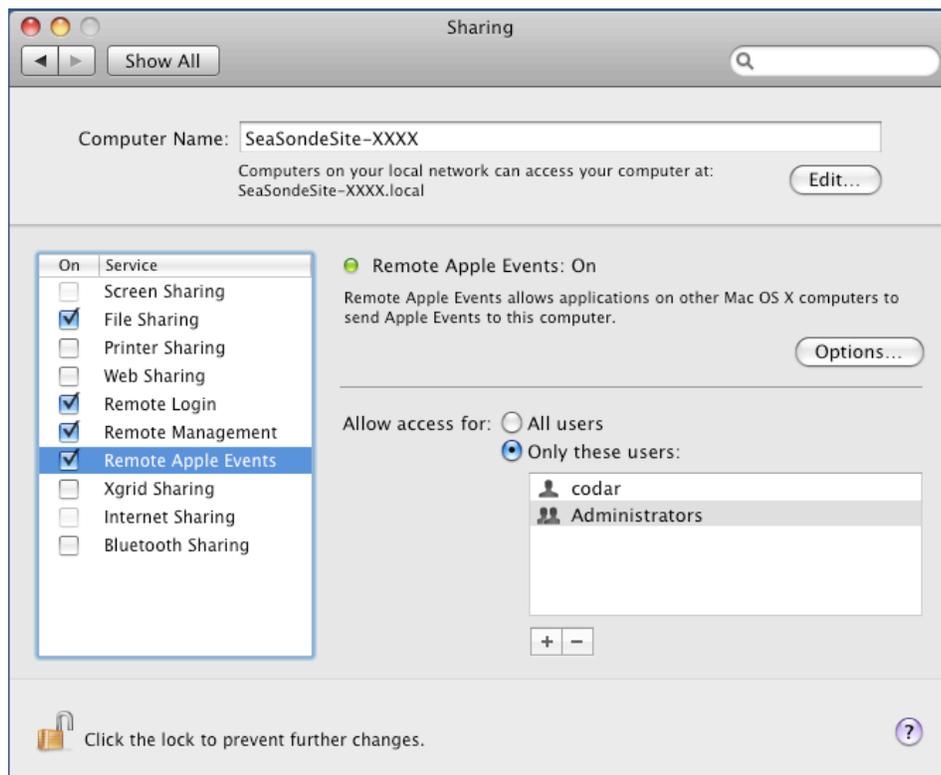
- Click the 'Only these users:' button and add the codar account in the dialog below.



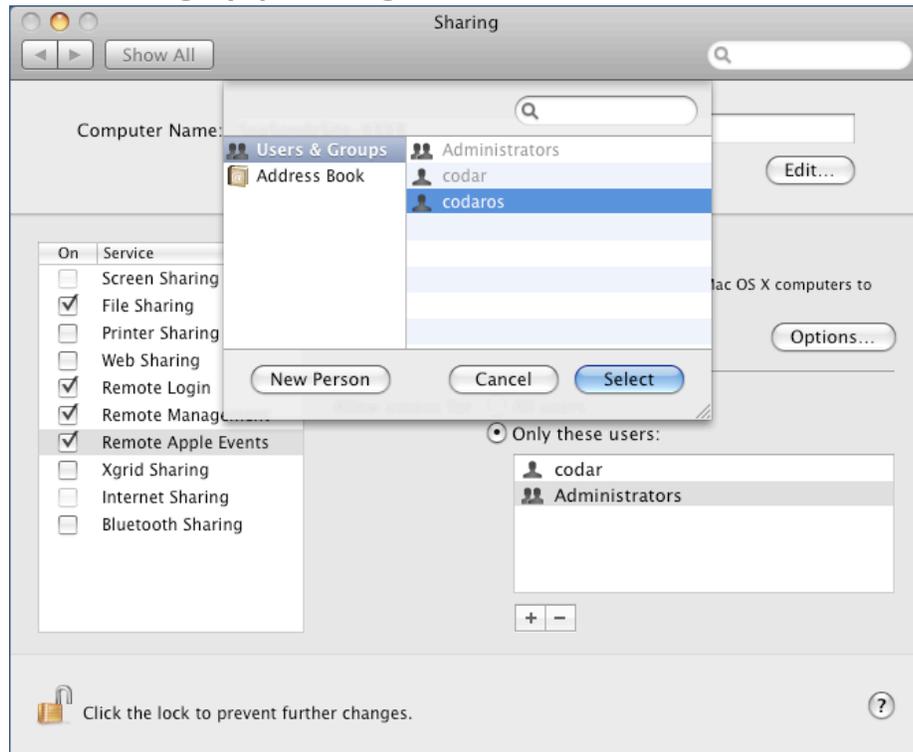
- Click the 'Options' button, click on all the options for codar user in the access privileges in the Remote Management Options drop down menu and press the 'OK' button.



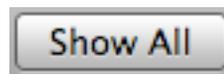
- Select the Remote Apple Events option (highlight Remote Apple Events).



- Select the 'Only these users:' button and add the codar and codaros users (if not already there). You may need to add the codaros user in the add dialog by pressing the 'New Person' button.



- Press the Show All Button to return to the top pane in the System Preferences window.



Software Upgrade/System

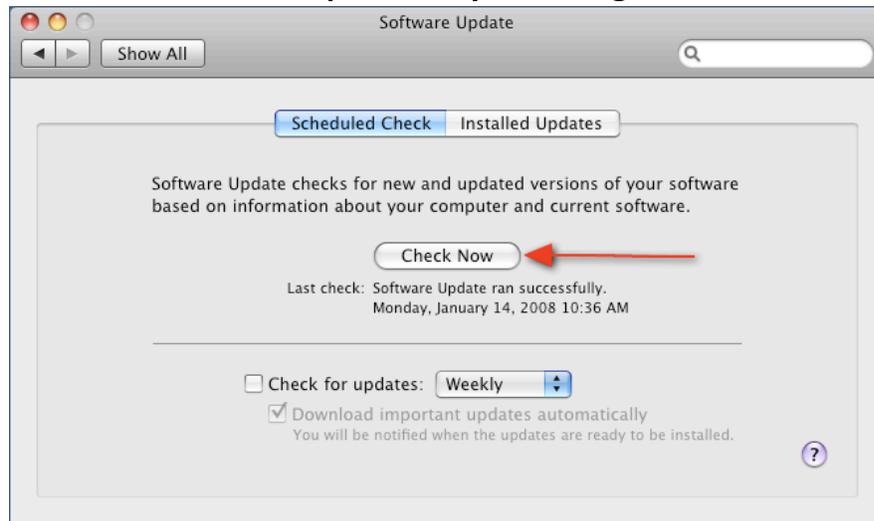
- Select the Software Update in the System Preferences window.



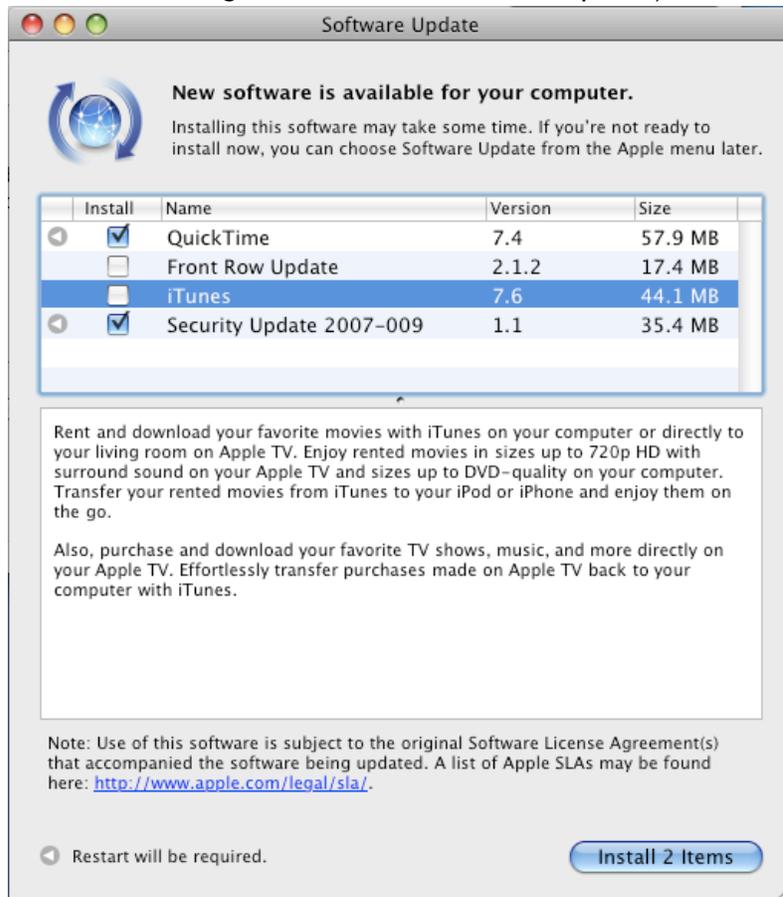
- Uncheck the 'Check for updates' check box



- Check for Software Updates by clicking the “Check Now” button.



- Install OS X, Security, Java, Graphics, Firmware and Quicktime, if updates are available. (You need not bother with Front Row or iTunes updates, although installing them will not break anything.) (Note, you might be required to restart the computer after install; after restart select the System Preferences again and return to Software Update.)



- Repeat Check Now to look for further security or OS updates.

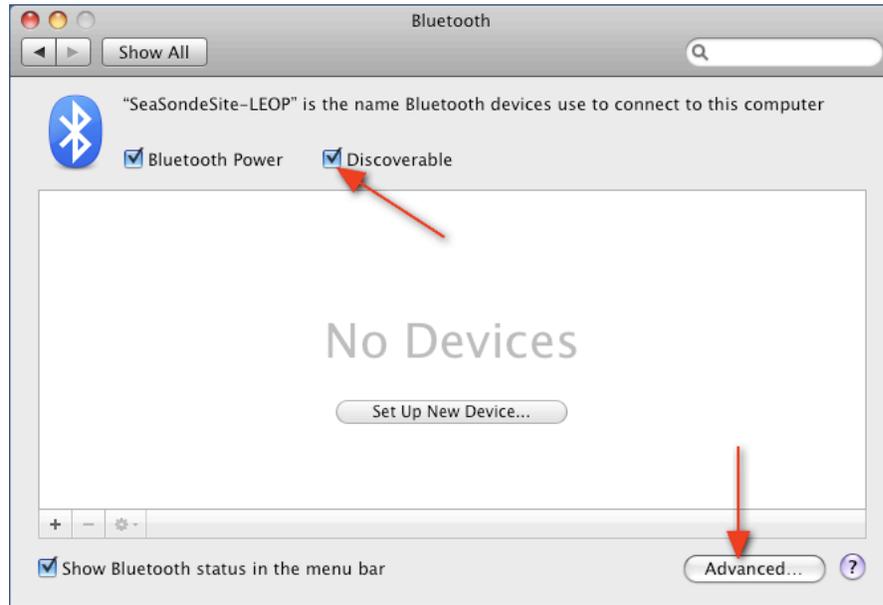
- Press the Show All Button to return to the top pane in the System Preferences window.



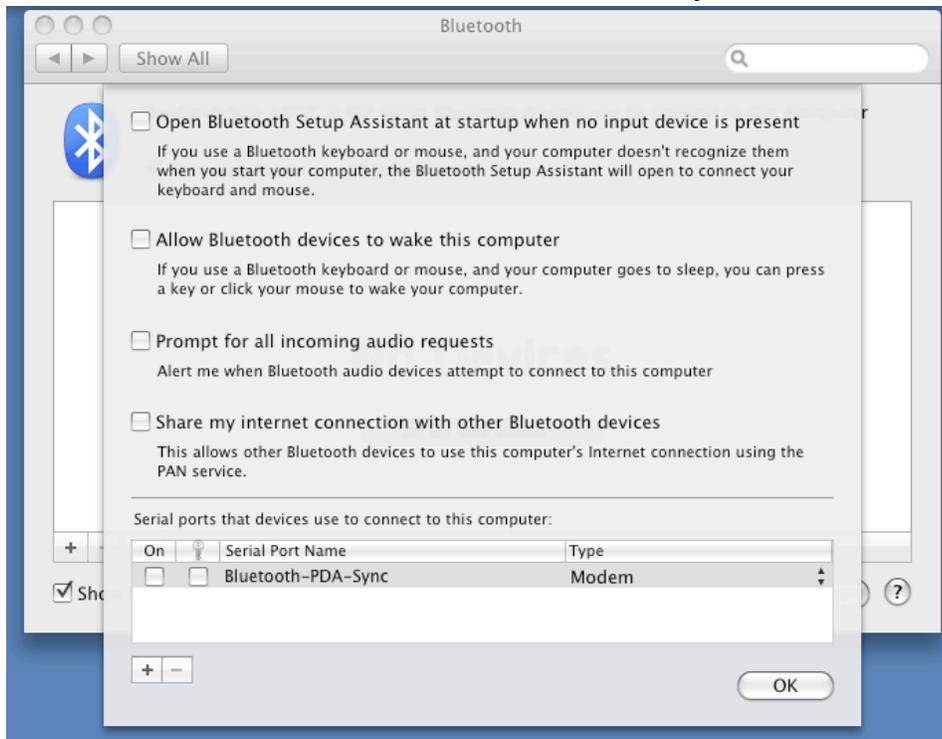
- Select the Bluetooth preference pane.



For Mac Mini Computers and Mac Pros that are Bluetooth capable, the Bluetooth capability will not be allowed to be disabled if no peripherals are connected to the computers. Uncheck the 'Discoverable' check box and press the 'Advanced' button.



Uncheck all the Bluetooth selections and press the 'OK' button.



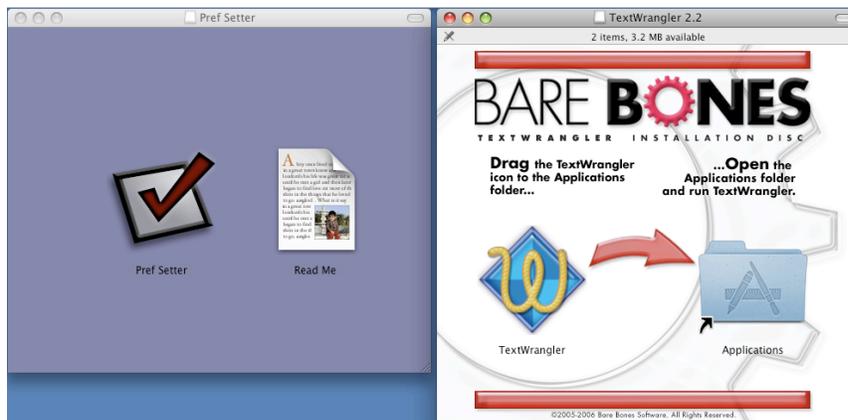
- For MacBook Pro laptops simple uncheck the 'Discoverable' and 'Bluetooth Power' check boxes.



- Here are links to some useful utilities:

TextWrangler <http://www.barebones.com/products/textwrangler/>

PrefSetter http://www.apple.com/downloads/macosx/system_disk_utilities/prefsetter.html



Finishing Touches

Rename hard drive to 'CodarData'. On the desktop, click on the disk icon. Then click on the name and move the mouse slightly over the name and it will allow to edit the name.

Add TextWrangler, Prefsetter, Text Edit, and Terminal to the Dock. (The SeaSonde Radial Installer will add Dock icons for the SeaSonde applications.)



In the Finder Menu select the 'Preferences...' item.



In the 'SideBar' tab remove all the 'PLACES' shortcuts except 'Desktop' and 'Applications' and remove all the 'SEARCH FOR' shortcuts. Close the Preferences.

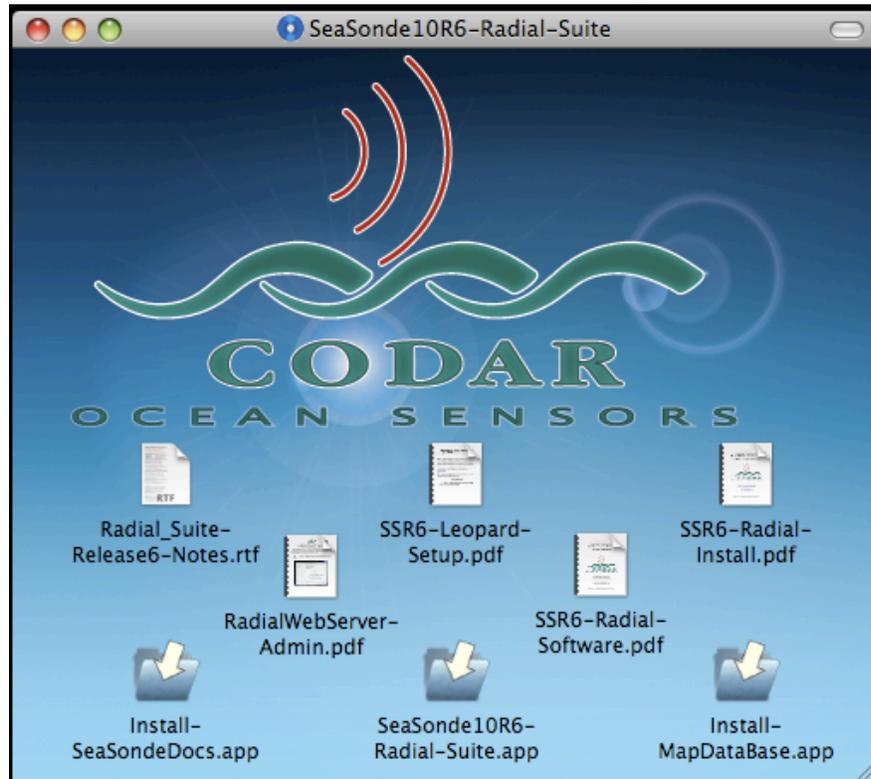


Go to a Finder window, for Remote Sites; in the sidebar add the following folder shortcuts: SeaSonde, Apps, Configs, Data, Diagnostics, Radials, Spectra, Waves, Logs.

You have now finished configuring OS X for use with SeaSonde Software Suites.

SeaSonde Radial Suite Installation

Insert the SeaSonde10R6-Radial-Suite Installation CD or open the SeaSonde10R6-RadialCD.dmg (disk image file) if from the internet. Open the SeaSonde10R6-Radial-Suite on the desktop if necessary and you should see the follow window.



- Read the documents for specific installer information.
 - Radial_Suite-Release6-Notes* contains important details on Radial Suite installer.
 - SSR6-Leopard-Setup* is document on setting up OS X before hand.
 - SSR6-Radial-Install* is a step by step guide for the Radial Suite installer.
 - RadialWebServer-Admin* contains important details on how to install and configure the RadialWebServer which is installed by the Radial Suite Installer.

- Run the SeaSonde10R6-RadialSuite installer.
- Run the Install-MapDataBase installer.
- Run the Install-Documentation installer.

- Finally, restart the computer and you have finished the software installation.

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