Mac OS X Basics

University of Utah
Student Computing Labs
Macintosh Support
mac@scl.utah.edu
Mac OS X Install Requirements

• Apple’s minimum requirements
  – G3 or G4 Processor Macintosh
    • except original G3 PowerBook
  – 128MB of RAM
  – 3.0 GB hard drive space
  – Driver’s for third-party hardware

• U of U SCL recommendations
  – 500 Mhz G3 (G4 greatly improves performance)
  – 256 MB RAM (more is better)
Upgrading from OS 9 to OS X

• Make an Upgrade Plan (TO DO LIST)!
  – Write down your Configuration Settings
    • TCP/IP Address or PPP Settings
    • DNS server settings if not using DHCP
    • ISP Settings such as login, password, phone #
    • EMail account settings
  – Backup Important Data on OS 9!
  – Make sure you meet system requirements!
    • Add any hardware upgrades such as memory first
Mac OS X Basics Overview

- **Mac OS X Interface (Aqua)**
  - Aqua Interface
  - The Menu Bar
  - The Dock

- **Using the Finder**

- **System Preferences**
  - What they are
  - What to change

- **Applications Folder**
  - Review a Mac OS X application
Mac OS X Interface (Aqua)
The Desktop

The Menubar
System Menus
Disk Icons

The Finder Icon
The Dock
The Apple Menu
Logging Out & Shutting Down

Are you sure you want to shut down your computer now?

Cancel  Shut Down

Are you sure you want to quit all applications and log out now?
If you do nothing, the system will automatically log out after a 2 minute wait.

Cancel  Log Out

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The Application Menu
The Dock

- The Finder Icon
- Application Icons
- The Trash Can Icon

Note: The black arrows under currently running applications
The Dock

Left Side Shows Applications

Dock Divider

Right Side Shows Minimized Windows
The Dock (Application Icons)
The Dock (Ejecting a Disk)
The Dock (adding a folder)
The Window Interface
The Window Interface

- Close
- Minimize
- Maximize

- Expand or Contract Toolbar

- Resize Window and Scroll
Minimize
Mouse

- One Button Mouse
  - Press and hold control key to “right click”
- Two Button Mouse Works with Mac OS X
- Scroll Wheel Works with Mac OS X
- Any USB Mouse will do
  - Some like Logitech include a System Preference Item to customize the mouse
Control Key held and Mouse
Using the Finder
The Finder Window

- **Navigation Buttons**
- **View Button** (Icon View)
- **Toolbar**
- **Folder or File Icons**
- **File Search**
### Finder: List View

![Finder window in List View mode](image)

<table>
<thead>
<tr>
<th>Name</th>
<th>Date Modified</th>
<th>Size</th>
<th>Kind</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desktop</td>
<td>Today, 11:24 AM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Documents</td>
<td>2/19/03, 12:15 PM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Acrobat User Data</td>
<td>2/18/03, 3:48 PM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>imageJaguar</td>
<td>2/6/03, 5:26 PM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Library</td>
<td>2/19/03, 12:03 PM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Movies</td>
<td>2/18/03, 5:09 PM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Music</td>
<td>2/18/03, 5:14 PM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Pictures</td>
<td>Today, 11:24 AM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Public</td>
<td>2/11/03, 4:00 PM</td>
<td>--</td>
<td>Folder</td>
</tr>
<tr>
<td>Sites</td>
<td>2/6/03, 10:28 AM</td>
<td>--</td>
<td>Folder</td>
</tr>
</tbody>
</table>
Finder: Column View
Customizing Finder Toolbar
Finder Customization

Drag your favorite items to the toolbar...

...or choose the default set.

Show Icon & Text
Finder Customization (Add)
Finder Customization (Done)
Finder Preferences

Show these items on the Desktop:
- Hard disks
- Removable media (such as CDs)
- Connected servers

New Finder Window shows:
- Home
- Computer

- Always open folders in a new window
- Open new windows in Column View

- Spring-loaded folders and windows
  Delay: [slider]
  - Short
  - Medium
  - Long
  Press the Space bar to open immediately.

- Show warning before emptying the Trash
- Always show file extensions

Languages for searching file contents:
- Select [button]
Customizing Finder Views

“Show View Options”
Spring-Loaded Folders
System Prefs: Desktop

Current Desktop Picture:
Aqua Blue

Select an image from the collections.
Collection: Apple Background Images

Change picture: every 30 minutes
Random order
System Prefs: Dock

Dock Size:
- Small
- Large

Magnification:
- Min
- Max

Position on screen:
- Left
- Bottom
- Right

Minimize using:
- Genie Effect

Animate opening applications
Automatically hide and show the Dock
System Prefs: General

- **Appearance:** Blue
  - For the overall look of buttons, menus and windows

- **Highlight Color:** Blue
  - For selected text and lists

- **Place scroll arrows:**
  - At top and bottom
  - Together

- **Click in the scroll bar to:**
  - Jump to the next page
  - Scroll to here

- **Number of Recent Items:**
  - 10 Applications
  - 10 Documents

- **Font smoothing style:** Standard – best for CRT
  - Turn off text smoothing for font sizes 8 and smaller.
System Prefs: International
These items will open automatically when you log in:

<table>
<thead>
<tr>
<th>Hide</th>
<th>Item</th>
<th>Kind</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>Safari</td>
<td>Application</td>
</tr>
</tbody>
</table>

Drag items to specify the order in which they open. To hide an application when you log in, click its Hide checkbox.
System Prefs: My Account

User: Darren Davis

My Password: Change...

My Picture: Drag a picture from the Finder, select one below, or click Choose Another to locate a picture file.

My Address Book Card: Edit...
System Prefs: Screen Effects

Use Energy Saver to increase the life of your display.
System Prefs: CDs & DVDs

- When you insert a blank CD: Ask what to do
- When you insert a blank DVD: Ask what to do
- When you insert a music CD: Open iTunes
- When you insert a picture CD: Open iPhoto
- When you insert a video DVD: Open DVD Player
System Prefs: ColorSync

Use this panel to specify default profiles for each color space to be used when a document does not contain embedded profiles.

- **RGB Default:** Generic RGB Profile
- **CMYK Default:** Generic CMYK Profile
- **Gray Default:** Generic Gray Profile
System Prefs: Displays

Resolutions:
- 640 x 480
- 640 x 870
- 800 x 600
- 832 x 624
- 1024 x 768
- 1152 x 870
- 1280 x 960
- 1280 x 1024

Colors: Millions

Refresh Rate: 75 Hertz

- Show modes recommended by display
- Additional modes are provided by the video card and may not be supported by the display.
- Show displays in menu bar

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System Prefs: Energy Saver

- Put the computer to sleep when it is inactive for:
  - 1 min
  - 15 min
  - 1 hr
  - 3 hrs
  - Never

- Use separate time to put the display to sleep

- Put the hard disk to sleep when possible.

Click the lock to prevent further changes.
System Prefs: Keyboard

Key Repeat Rate
- Slow
- Fast

Delay Until Repeat
- Off
- Long
- Short

Type here to test settings
System Prefs: Mouse
System Prefs: Sound
System Prefs: Internet

Default Web Browser: Safari (1.0 Beta)
Download Files To: Your Desktop

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System Prefs: Network

**Configuration Options:**
- Location: Automatic
- Show: Built-in Ethernet

**TCP/IP Settings:**
- Configure: Using DHCP
- IP Address: 155.99.57.250 (Provided by DHCP Server)
- Subnet Mask: 255.255.255.0
- Router: 155.99.57.1
- DHCP Client ID: (Optional)
- Ethernet Address: 00:50:e4:90:68:57

**DNS Servers:**
- DNS Servers (Optional)
- Search Domains (Optional)
- Example: apple.com earthlink.net

*Click the lock to prevent further changes.*
System Prefs: QuickTime

- Update or install QuickTime software
- Check for updates automatically
  Automatically checks for new QuickTime updates and announcements when you're using QuickTime.

Update Now...
System Prefs: Sharing

Select a service to change its settings.

<table>
<thead>
<tr>
<th>On</th>
<th>Service</th>
<th>Personal File Sharing Off</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Personal File Sharing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Windows File Sharing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Personal Web Sharing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Remote Login</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FTP Access</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Remote Apple Events</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Printer Sharing</td>
<td></td>
</tr>
</tbody>
</table>

Click Start to give users of other computers access to Public folders on this computer.

Click the lock to prevent further changes.
System Prefs: Accounts

- Darren Davis (Admin)
  - Log in automatically as Darren Davis

- Click the lock to prevent further changes.
System Prefs: Classic

Classic is an environment for running Mac OS 9 applications. It starts automatically when a Classic application is launched, or it can be started here.

**Classic is not running**

Select a system folder for Classic:

- My Disk
  - System Folder
  - Mac OS X

- Start
  - Click Start to start the Classic environment.

- Restart
- Force Quit
System Prefs: Date & Time

Today's Date
February
2003

Current Time
11:17:37

You cannot set the date and time while using a network time server. To stop using a network time server, click the Network Time tab.

To set date and time formats, use International preferences.

Open International

Click the lock to prevent further changes.
System Prefs: Software Update

Software Update checks for new and updated versions of your software based on information about your computer and current software.

- Update Software
- Installed Updates

- Automatically check for updates when you have a network connection
- Daily

Next scheduled: Friday, February 21, 2003 14:17:24

Last Check: No new software updates were available.
Thursday, February 20, 2003 14:17:24 US/Mountain

Check Now
System Prefs: Speech

Speech Recognition

Recognition System: Apple Speakable Items

On/Off

Apple Speakable Items is: On
☑️ Off

Start Speakable Items at log in

Helpful Tips...

When a command is recognized

Play sound: Whit

☐ Speak confirmation

Apple Speakable Items lets you use spoken commands to control your computer.
System Prefs: Startup Disk

Select the system you want to use to start up your computer

Mac OS X, 10.2.4 on My Disk
Mac OS X, 10.2.3 on Mac OS X
Mac OS 9.2.2 on My Disk
Network Startup

You have selected Mac OS X, 10.2.4 on the volume “My Disk”.

Click the lock to prevent further changes.

Restart...
System Prefs: Universal Access

When using the computer, I have difficulties with:

- Seeing
- Hearing
- Keyboard
- Mouse

Turn On Zoom

Universal Access shortcuts:
- Command + * turns on Zoom
- Command + zooms in
- Command + zooms out

Switch to White on Black

- Command + 88 switches to white on black

Set Display to Grayscale

- Allow Universal Access Shortcuts
- Enable access for assistive devices
- Enable text-to-speech for Universal Access preferences
The Finder and System Preferences Demonstration
Applications
Acrobat Reader

The Mac OS X Solutions Guidebook
Advice, hints, and how-to's for Apple's new operating system

rob.griffiths
robg@mac.com/robins.com

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Address Book

Darren Davis
Macintosh Specialist
University of Utah

work 801-585-9811
work drdavis@scl.utah.edu
home page http://www.macos.uta.edu/
home 295 S. 1500 E.
Salt Lake City UT 84112
United States

Note:
Calculator

Advanced Mode

Paper Tape
Chess
Clock

Clock Preferences

Clock: 
- Analog
- Digital
  - Show second hand
  - Flash the time separators
  - Use 24 hour format

Display:
- in the Dock
- in a floating window
  - Transparency
This screen would have contained a scene from the Matrix, but Apple wouldn’t allow screen grabs while playing DVDs.

:-(
iCal

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No Image Capture device connected.
iLife

• iDVD
• iMovie
• iPhoto
• iTunes
iDVD

Shoot video.
Capture video and photos using a FireWire based digital camcorder.

Edit your movie.
Import your video into iMovie using FireWire. Edit and add cool effects.

Choose a theme.
Browse your finished movies, iPhoto library and iTunes playlists directly in iDVD 3.

Burn your DVD.
Create a DVD with scene selection, drop zones, menus and slideshows.

Enjoy your DVD.
Burn your own custom DVDs with your SuperDrive. Make as many copies as you want.
iMovie
### iTunes Menu and Library

- **Source**: Library, Radio
- **Search**: Shepard moons
- **Elapsed Time**: 0:19

### Song List

<table>
<thead>
<tr>
<th>Song Name</th>
<th>Time</th>
<th>Artist</th>
<th>Album</th>
<th>Genre</th>
<th>My Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>fallen embers</td>
<td>2:31</td>
<td>Enya</td>
<td>A day without rain</td>
<td>Alternative</td>
<td></td>
</tr>
<tr>
<td>pilgrim</td>
<td>3:12</td>
<td>Enya</td>
<td>A day without rain</td>
<td>Alternative</td>
<td></td>
</tr>
<tr>
<td>one by one</td>
<td>3:56</td>
<td>Enya</td>
<td>A day without rain</td>
<td>Alternative</td>
<td></td>
</tr>
<tr>
<td>lazy days</td>
<td>3:42</td>
<td>Enya</td>
<td>A day without rain</td>
<td>Alternative</td>
<td></td>
</tr>
<tr>
<td>Shepherd moons</td>
<td>3:44</td>
<td>Enya</td>
<td>Shepard moons</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Caribbean Blue</td>
<td>3:59</td>
<td>Enya</td>
<td>Shepard moons</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>No Holly For Miss Quinn</td>
<td>2:43</td>
<td>Enya</td>
<td>Shepard moons</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Lothien</td>
<td>2:07</td>
<td>Enya</td>
<td>Shepard moons</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>The Memory of Trees</td>
<td>4:19</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>Pax Deorum</td>
<td>4:59</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>Athair Ar Naahm</td>
<td>3:42</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>From Where I Am</td>
<td>2:27</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>China Roses</td>
<td>4:49</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>Once You Had Gold</td>
<td>3:18</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>La Sonadora</td>
<td>3:38</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>On My Way Home</td>
<td>5:09</td>
<td>Enya</td>
<td>The Memory of Trees</td>
<td>World</td>
<td></td>
</tr>
<tr>
<td>Watermark</td>
<td>2:25</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Storms In Africa</td>
<td>4:04</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Exile</td>
<td>4:21</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Miss Clare Remembers</td>
<td>1:59</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Evening Falls</td>
<td>3:49</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>River</td>
<td>3:12</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>The Long ships</td>
<td>3:39</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Na Leetha Geal Moige</td>
<td>3:56</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
<tr>
<td>Storms In Africa II</td>
<td>3:01</td>
<td>Enya</td>
<td>Watermark</td>
<td>New Age</td>
<td></td>
</tr>
</tbody>
</table>

- **Total Songs**: 34
- **Total Time**: 2.3 hours
- **Total Size**: 202.7 MB
Internet Connect

Your computer needs to be set up for VPN (PPTP) connections.

To continue with setup, click Continue. You may be asked for an administrator password.
Introducing the new 1GHz 17-inch iMac.
iSync
Mail
QuickTime Player

Animatrix Trailer
We mean business.

The new Xserve
- Rack-optimized, high-density 1U enclosure
- Up to dual 1.33GHz G4 Processors
- Up to 720GB storage capacity
- FireWire 800 and Dual Gigabit Ethernet
- Optional 2Gb Fibre Channel
- Mac OS X Server — unlimited clients
- Starting at just $2799

Xserve RAID
- Rack-optimized 3U enclosure
- Massive 2.52TB storage capacity
- High-availability and high-performance
- Dual 2Gb Fibre Channel ports
- Full redundancy for continuous uptime
- Powerful remote monitoring
- Starting at just $55999

Safari Public Beta
- Download the new version.

The new iMac
- 17-inch Intel iMac
- 1799

The new Power Mac
- Faster, more expandable and starting at just $1499.

The new PowerBooks
- Less is more. More is more.
Sherlock

Sherlock - Channels

- Internet
  - Use your favorite search sites to find what you're looking for.
  - eBay
    - The online marketplace for buying and selling goods and services.

- Pictures
  - Find pictures of people, places, and things.
  - Flights
    - Find out when flights are scheduled to arrive.

- Stocks
  - Track the stocks in your portfolio and get the latest news about each one.
  - Dictionary
    - Look up the meaning of words and acronyms, and find related words.

- Movies
  - Find when and where movies are playing in your area and watch the trailer.
  - Translation
    - Translate words and phrases between 6 or more languages.

- Yellow Pages
  - Look for businesses in your area and get directions to get you there.
  - AppleCare
    - Look for Macintosh products or search the AppleCare KnowledgeBase for articles about Apple products.

How do I find my files?

Terms of Use
Welcome to Stickies

This is a Mac OS X implementation of the popular Classic Mac OS Stickies application.

Stickies lets you write notes (like these) and stick them on your screen. You can use Stickies to jot quick notes, to write reminders, or to store frequently used text. Your notes are visible whenever the Stickies program is active.

This version has the following enhancements over the Classic Mac OS version:

- Styled text, **bold**, *italic*, color, font and graphics
- Notes of unlimited size
- Find text in single note or across multiple notes
- Access to standard services for functions such as spell check
- "Make Sticky" service allows you create a note from selected text in other apps
This is Helvetica Bold 14

This is New York Regular 18

This is a misssspelled word.
Applications: Utilities

- AirPort Admin Utility
- AirPort Setup Assistant
- Apple System Profiler
- Asia Text Extras
- Audio MIDI Setup
- Bluetooth File Exchange
- ColorSync Utility
- Console
- CPU Monitor
- Digital Color Meter
- Directory Access
- Disk Copy
- Disk Utility
- Display Calibrator
- Grab
- Installer
- iPod Software 1.2.1 Updater
- Java
- Key Caps
- Keychain Access
- NetInfo Manager
- Network Utility
- ODBC Administrator
- Print Center
- Process Viewer
- Stuffit Expander
- Terminal
AirPort Admin Utility

Select Base Station

Name: Base Station
Ethernet ID: 00:30:65:3a:f3:be
Description: Base Station V3.84
Serial Number: PW122C63H
Restarted: 02/26/03, 12:15:41
AirPort Setup Assistant

Introduction

This Assistant helps you get set up to use AirPort for wireless networking and Internet access.

Do you want to:
- Set up your computer to join an existing AirPort network.
- Set up an AirPort Base Station.

Go Back  Continue
Asia Text Extras

1 of 4 items selected, 3.18 GB available

- Chinese Text Converter
- IM Plugin Converter
- Plugin_Text_Sample
- TrueType Font Editor
Bluetooth Applications

Bluetooth Wireless Technology

http://www.bluetooth.com/

http://www.apple.com/bluetooth/
ColorSync Utility

Profile First Aid:

Profile First Aid is a utility application that verifies the contents of ICC profiles installed on your computer. Errors are reported if any profiles do not conform to the ICC profile specification. Although some errors are unlikely to cause problems under typical usage, it is a good idea to repair any profiles that do not conform to the ICC profile specification.

One important component of an ICC profile is the description tag, which contains up to three different names for a profile. This allows the profile to be displayed in different languages or on different computer systems. Applications typically use one of the available names to show profiles in a list or pop-up menu. If you have profiles installed in your system that do not display in the ColorSync control panel, then you should run this utility to repair them.

Using Profile First Aid:

Select the "Verify" button to begin a verification process or the "Repair" button to verify and repair all installed profiles. Selecting the "Verify" button will report any problems with installed profiles without making any changes. Selecting the "Repair" button will report any problems with installed profiles and attempt to fix the problems.

Note: It is a good idea to make a backup of your profiles before initiating the "Repair" function.

To stop the verify or repair process once it has begun, click Stop.

The results of a verification or repair are shown in this window.

www.apple.com/colorsync
Additional information and a tutorial is available at our website. The latest ColorSync software is available for download.
Console
CPU Monitor

CPU Monitor

Preferences

Floating View

Expanded View

Application Icon

System Processes

Niced Processes

User Processes

Background
DigitalColor Meter
Directory Access

![Directory Access](image)

- **Enable**
  - AppleTalk
  - BSD Configuration Files
  - LDAPv2
  - LDAPv3
  - NetInfo
  - Rendezvous
  - SLP
  - SMB

- **Version**
  - 1.0
  - 1.1
  - 1.5
  - 1.5.3
  - 1.5.1
  - 1.0.1
  - 1.0
  - 1.0

Click the lock to prevent further changes.

[UNIVERSITY OF UTAH]
[STUDENT COMPUTING LABS]
Disk Copy

File Edit Utilities Window Help

Disk Copy

Image Name: CDROM.dmg
Image Format: -
Checksum: -

Disk Copy Progress

Creating "CDROM.dmg"...

Creating "CDROM.dmg"...
Disk Copy
Disk Utility

Mount Point: /
Format: HFS+
Capacity: 6.01 GB (6,448,253,952 Bytes)
Available: 3.05 GB (3,278,000,128 Bytes)
Used: 2.95 GB (3,169,718,272 Bytes)
Number of Files: 113,914
Number of Folders: 34,041

Click the lock to prevent further changes.
Disk Utility

To use Disk First Aid, select the volume and click a repair button.

- Using Disk First Aid, you can verify or repair any Mac OS Standard, Mac OS Extended, and UFS formatted disk, including hard disks and CD-ROMs.
- Disk First Aid cannot verify or repair the startup disk or repair a write-protected disk, a CD-ROM, or a disk with open files. The startup disk was verified, and repaired if necessary, at boot time. In order to repair or verify the startup disk, please boot from the Mac OS X Install CD and verify the disk using Disk Utility from the Installer Apple Menu.
- You may only repair permissions on a Mac OS X boot volume.
- If a disk has severe problems, you may need to use other programs to repair it completely.

Click the lock to prevent further changes.
Disk Utility

To erase a disk, select a disk or volume, select the appropriate format and name and click the erase button.

- Erasing a disk results in all volumes of that disk being erased and one large volume being created on that disk.
- Erasing a volume results in a clean volume being created.
- Erasing an optical disc (CD-RW, DVD-RW, etc.) will result in a blank optical disc. No format is applied to an erased optical disc.

**Volume Format:** Mac OS Extended

**Name:** Mac OS X

If this option is not selected, this device cannot be used by a computer running Mac OS 9. This option does not affect Classic.

Click the lock to prevent further changes.
Disk Utility

1 Disk and 0 Volumes Selected

Volume Scheme:
Current

Volume Information
Name: Mac OS X
Format: Mac OS Extended
Size: 18.65 GB

Options
Install Mac OS 9 Disk Drivers
If this option is not selected, this device cannot be used by a computer running Mac OS 9. This option does not affect Classic.

Select a volume scheme, choose a volume name and a file system type, and resize the volumes.

You can initialize this disk.

Click the lock to prevent further changes.
Disk Utility

RAID Scheme: Stripe
RAID Set Name: 
Volume Format: Mac OS Extended
RAID Set Estimated Size: 0 Bytes

Disk
Drag disks here to add to set

Click the lock to prevent further changes.
Welcome to the Apple Display Calibrator Assistant!

This assistant will help you calibrate your display and create a custom ColorSync profile. With a properly calibrated display, software that takes advantage of ColorSync can better display images in their intended colors.

The steps to calibrating a display are to adjust the following settings:
- Brightness and contrast (on some displays)
- Gamma (color contrast)
- Display color characteristics
- White point (warmth or coolness of white)

Expert Mode – This turns on extra options.

Click the right arrow below to begin.
Display Calibrator

Display adjustments

Before you begin calibration, you should make some initial adjustments using the controls on the front of your display.

First, you should set the contrast on your display to the highest setting.

Second, set the brightness on your display using the image on the right as a guide. Adjust the brightness so the shape in the center is barely visible and the background appears as a solid black (you don’t see two halves).

After you have done these steps, click the right arrow.
Display Calibrator

Determine your display's current gamma

Your display's actual gamma is affected by contrast and brightness settings and other characteristics of your display.

Move the slider until the grey shape in the middle blends in with the background as much as possible. It may help to squint or step back from the display.

After you have done this step, click the right arrow.
Display Calibrator

Select a target gamma

Select the gamma setting you want for your display. (Watch the picture on the right to see the effect as you click the different options.)

- 1.8 Standard Gamma
  This is the traditional setting for Mac OS computers.

- 2.2 Television Gamma
  You may want to select this setting if you are working with images to be displayed on television or PC-compatible computers.

- No Correction (native)

After you have done this step, click the right arrow.
Display Calibrator

Select your display's color characteristics

Your display has chemical phosphors (or similar physical characteristics) that determine the range of colors you see on your screen.

Select the description that best fits your display.

- Apple 21" Color Display
- Apple Multiple Scan 14
- Apple Multiple Scan 15
- Apple Multiple Scan 17
- Apple Multiple Scan 1705
- Apple Multiple Scan 20
- iMac Display
- Mac Color Display
- PowerMac G3 All-in-one
- Studio Display AMLCD
- Studio Display 17
- Studio Display 21 – 9300
- PowerBook 2400

After you have done this step, click the right arrow.
Display Calibrator

Select a target white point

- D50  Warm yellowish lighting – standard for graphic arts work.
- D65  Cooler – equivalent to midday sunlight.
- 9300 Coolest – the default white point of most displays and televisions.
- None  No white point correction performed.

After you have done this step, click the right arrow.
Display Calibrator

Give your profile a name.

Calibrated Profile

(the name must be 31 characters or less)

Cancel  Create
Grab will capture the screen ten seconds after you start the timer. (This window will not be included in the screen capture.)
Welcome to the Mac OS X Developer Installer

Welcome to the Mac OS X Developer Tools Installation Program. You will be guided through the steps necessary to install the Developer Tools.
Installer

Authenticate

Installer requires that you type your passphrase.

Name: Darren Davis
Password or phrase: 

Details

Cancel OK

UNIVERSITY OF UTAH STUDENT COMPUTING LABS
Installer

Install Mac OS X Developer

Install Software

Processing Mac OS X SDK

Writing files
Time Remaining: about 11 minutes
Key Caps

Hello
Netinfo Manager
Network Utility

Please select a network interface for information

Ethernet Interface (en0)

Interface Information
- Hardware Address: 00:50:e4:90:68:57
- IP Address(es): 155.99.57.250
- Link Speed: 100 Mb
- Link Status: Active
- Vendor: Apple
- Model: BMac

Transfer Statistics
- Sent Packets: 246796
- Send Errors: 0
- Recv Packets: 1461852
- Recv Errors: 1
- Collisions: 0
ODBC Administrator

An ODBC User data source stores information about how to connect to the indicated data provider. A User data source is visible only to you.

Click the lock to make changes.
Print Center

You have no printers available.
Would you like to add to your list of printers now?

Cancel    Add...
Process Viewer

Process Listing

<table>
<thead>
<tr>
<th>Name</th>
<th>User</th>
<th>Status</th>
<th>% CPU</th>
<th>% Memory</th>
</tr>
</thead>
<tbody>
<tr>
<td>dynamic_pager</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>mDNSResponder</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.10</td>
</tr>
<tr>
<td>mach_init</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>ATSServer</td>
<td>drdavis</td>
<td>Running</td>
<td>0.00</td>
<td>1.20</td>
</tr>
<tr>
<td>SystemUIServer</td>
<td>drdavis</td>
<td>Running</td>
<td>0.00</td>
<td>1.00</td>
</tr>
<tr>
<td>cupsd</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.20</td>
</tr>
<tr>
<td>SecurityServer</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.20</td>
</tr>
<tr>
<td>netinfo</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.10</td>
</tr>
<tr>
<td>ssh</td>
<td>drdavis</td>
<td>Running</td>
<td>0.00</td>
<td>0.20</td>
</tr>
<tr>
<td>pbs</td>
<td>drdavis</td>
<td>Running</td>
<td>0.00</td>
<td>0.30</td>
</tr>
<tr>
<td>lookupd</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.20</td>
</tr>
<tr>
<td>check_ftp</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.30</td>
</tr>
<tr>
<td>inetd</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>SecurityAgent</td>
<td>drdavis</td>
<td>Running</td>
<td>0.00</td>
<td>0.80</td>
</tr>
<tr>
<td>Window Manager</td>
<td>drdavis</td>
<td>Running</td>
<td>0.00</td>
<td>5.80</td>
</tr>
<tr>
<td>loginwindow</td>
<td>drdavis</td>
<td>Running</td>
<td>0.00</td>
<td>1.20</td>
</tr>
<tr>
<td>configd</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.20</td>
</tr>
<tr>
<td>sshd</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.10</td>
</tr>
<tr>
<td>ssh</td>
<td>root</td>
<td>Zombie</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>cron</td>
<td>root</td>
<td>Running</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

41 processes

Sample every 20 seconds
Stuffit Standard

Drag your files here
Terminal

Last login: Fri Feb 21 09:15:21 on ttyp1
Welcome to Darwin!
[radmindtemp10:~] drdavis% ls -l
total 0
drwx------ 4 drdavis staff 136 Feb 21 10:03 Desktop
drwx------ 6 drdavis staff 204 Feb 19 12:15 Documents
drwx------ 27 drdavis staff 918 Feb 19 12:03 Library
drwx------ 6 drdavis staff 204 Feb 18 17:09 Movies
drwx------ 4 drdavis staff 136 Feb 18 17:14 Music
drwx------ 22 drdavis staff 748 Feb 21 10:27 Pictures
drwx-xr-x 5 drdavis staff 170 Feb 11 16:00 Public
drwx-xr-x 5 drdavis staff 170 Feb 6 10:28 Sites
Application Demonstration

- Demonstration
  - Installer (Show how to install software)
  - iLife (Show the digital hub applications)
    - iDVD
    - iTunes
    - iMovie
    - iPhoto
  - Internet Applications
    - Mail
    - Safari
    - iChat
Questions and Answers
More Classes Offered

Mac OS X Intermediate
Monday, March 24th at 10:45 AM
Marriott Library Multimedia Center – Room 1745

Mac OS X Advanced
Thursday – April 3rd at 10:45 AM
Marriott Library Multimedia Center – Room 1745
Contact Information

- Web – www.macos.utah.edu
- EMail – mac@scl.utah.edu