

### Mac OS X







## Mac OS X Part 3

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# We Will Cover

- Basic overview of Mac OS X's interface
- Finding files/folders
- Basic overview of directory structure
  - Home directory: what each folder is for
  - System vs. Application vs. User
- Classic







# We Will NOT Cover

- Troubleshooting
- Networking
- File System in Depth
- History
- Mac OS X vs. other operating systems



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# Summary

- Mac OS X window behavior
- Menus
- The Dock
- Files and folders
- Find
- Classic



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## Finder

Mac OS X's file browsing application

• Human Interface template

• Same purpose as Mac OS Finder • Not the same program, though



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# **Modifier Keys**

• Command: #

• Option:  $\mathbb{V}$ 

• Control: ^

shift alt Ó H option control

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# Undo

#### • Finder remembers the last action

- Undo mistakes ● Edit ⇒ Undo
  - \#Z

| Edit | View    | Go Wir   | ndow H   | lelp    |        |    |
|------|---------|----------|----------|---------|--------|----|
| Und  | lo Move | of "03ke | yboard_t | ор сору | /.tif" | ₩Z |
| Cut  |         |          |          |         |        | ЖX |
| Сор  | y       |          |          |         |        | ЖC |
| Past | te      |          |          |         | 1      | ₩V |
| Sele | ect All |          |          |         |        | ₩A |
| Sho  | w Clipb | oard     |          |         |        |    |

Can't undo Empty Trash





# Demo Undo







## Window Behavior

### Back and Forward buttons

• Work just like a web browser









## Window Controls

#### Close

- Red Button
- "X" on mouse over
- "•" if unsaved changes

#### • Minimize

- Yellow Button
- "-" on mouse over

#### • Maximize

- Green Button
- "+" on mouse over











## Toolbar

Aliases to specific locations



- Hide Toolbar for Mac OS Behavior
  - Toolbar Disclosure (White) Button
- Customizable
  - Right/control-click and "Customize Toolbar..."
  - Items that aren't in the palate can be added





## Demo Window Behavior







### Icon View

- With Toolbar
  - Folders open in same window
  - Back and Forward
- Without Toolbar
  - Folders open in new window ullet











## List View

- Disclosure Triangles
  - Successive levels are indented
- With Toolbar



- Double-clicking folder opens in same window
- **Back and Forward**
- Without Toolbar
  - Double-clicking folder opens in new windows
  - No Back and Forward





### **Column View**

- Scroll back to change folder at any level
- Preview Column
- Column width resizable



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## **View Options**

| O Michael Yocom's Computer   | Michael Yocom's Computer   | Michael Yocom's Computer  |
|--|--|---|
| <ul> <li>This window only</li> <li>All windows</li> </ul>  | <ul> <li>This window only</li> <li>All windows</li> </ul>  | Text size: 12 pt  |
| Icon size: 64 x 64<br>Small Large<br>Text size: 12 pt<br>Label position:<br>Bottom Right<br>Snap to grid<br>Show item info<br>Show icon preview<br>Keep arranged by:<br>Name<br>Background:<br>White<br>Color<br>Picture | Icon size: <ul> <li> <li> <ul> <li>Text size:</li> <li> <ul> <li>12 pt</li> <li> <ul> <li>Chow columns:</li> <li>Date Modified</li> <li>Date Created</li> <li> <ul> <li>Size</li> <li> <ul> <li>Kind</li> <li>Version</li> <li>Comments</li> </ul> </li> <li> <ul> <li>Use relative dates</li> <li>Calculate all sizes</li> </ul> </li> </ul></li></ul></li></ul></li></ul></li></li></ul> | <ul> <li>✓ Show icons</li> <li>✓ Show preview column</li> </ul> |
| Icon View  | List View  | Column View   |
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# Demo Views







### Folders

#### New Folders

- Menu: File
- Mouse: control/right-click "New Folder" ightarrow
- - **%**N is New Window







# Navigating

- Arrow Keys
  - Icon View
  - List View
  - Column View
- Tab and ①-Tab
- Type Name







## Selecting

- Drag-Select
- **\\$-Click:** One at a time
- Select All (衆A)



| 00      | Documents   |        | $\bigcirc$ |
|---------|---|--------|------------|
| $\odot$ |   |        | $\supset$  |
| Back    | Forward View Computer Home Favorites Applications | Search |            |
|         | 5 of 14 items selected, 2.63 GB available         |        |            |
|         | Name A Date Modified                              | Size   | Ki         |
|         | column_view_options.png Today, 4:36 PM            | 12 KB  |            |
| 1       | column_view.png Today, 4:26 PM                    | 52 KB  |            |
| 100     | drag_select.png Today, 4:44 PM                    | 80 KB  |            |
| -       | icon_view_options.png Today, 4:34 PM              | 32 KB  |            |
| -       | icon_view_tb.png Today, 4:20 PM                   | 56 KB  |            |
|         | icon_view.png Today, 4:20 PM                      | 104 KB |            |
| -       | list_view_options.png Today, 4:36 PM              | 28 KB  |            |
| -       | list_view.png Today, 4:25 PM                      | 64 KB  |            |
|         | nev_folder_byclick.png Today, 4:42 PM             | 8 KB   |            |
| -       | new_folder_bymenu.png Today, 4:40 PM              | 56 KB  |            |
| ▶ 🗊     | New Folders Today, 4:39 PM                        |        |            |
| 2       | sneaky.html Today, 4:31 PM                        | 8 KB   |            |
| 1       | tb disclosure.png Today, 4:17 PM                  | 4 KB   |            |
|         | toolbar.png Today, 4:14 PM                        | 16 KB  |            |
|         |   |        |            |

| 00      | 0                      | Ē             | Docun          | nents      |              |        | 0         |
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| 1       | column_view.png        |               |                | Today,     | 4:26 PM      | 52 KB  |           |
| 1       | drag_select.png        |               |                | Today,     | 4:44 PM      | 80 KB  |           |
| 1       | icon_view_options.png  |               |                | Today,     | , 4:34 PM    | 32 KB  |           |
| 1       | icon_view_tb.png       |               |                | Today,     | , 4:20 PM    | 56 KB  |           |
| 1       | icon_view.png          |               |                | Today,     | , 4:20 PM    | 104 KB |           |
| 1       | list_view_options.png  |               |                | Today,     | 4:36 PM      | 28 KB  |           |
| 1       | list_view.png          |               |                | Today,     | 4:25 PM      | 64 KB  |           |
| -       | new_folder_byclick.png |               |                | Today,     | 4:42 PM      | 8 KB   |           |
| -       | new_folder_bymenu.png  |               |                | Today,     | , 4:40 PM    | 56 KB  |           |
| ▶ 📁     | New Folders            |               | Today, 4:39 PM |            |              |        |           |
| 2       | sneaky.html            |               |                | Today,     | 4:31 PM      | 8 KB   |           |
| -       | tb_disclosure.png      |               |                | Today,     | 4:17 PM      | 4 KB   |           |
| -       | toolbar.png            |               |                | Today,     | 4:14 PM      | 16 KB  |           |
|         |                        |               |                |            |              |        |           |

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### **Contextual Menu**

- Control/right-click
- Exact Contents of Menu Depend on Item
- Common Menu Items
  - Help
  - Open igodot
  - Get Info
  - Move to Trash
  - Duplicate
  - Make Alias
  - Copy



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# Renaming

- Click on item name, wait a few seconds
- Select item, press return
- "Get Info" 
  Name & Extension
  - Select item, then File  $\Rightarrow$  Get Info
  - Select item, then **#I**
  - Control/Right-click, then Get Info









# **Special Characters**

#### • Do NOT use in file/folder names:

- ":" Mac OS directory separator
- "/" UNIX (Mac OS X) directory separator
- "\" UNIX escape character Windows directory separator
- "\*" Wildcard in UNIX and Windows
- "?" Wildcard in Windows
- "." At beginning of name: UNIX hidden files







# Moving and Copying

#### Move

- Drag and Drop
- Copy
  - Hold  $\mathbf{n}$  while dragging
  - Drag to a different volume
  - Copy (器C) and Paste (器V)









# Deleting

- Move to Trash
  - Drag to Trash (in Dock)
  - File  $\Rightarrow$  Move to Trash
  - # 🗵
  - Control/right-click, then select Move to Trash
- Empty Trash
  - Finder  $\Rightarrow$  Empty Trash...
  - 光公区
  - Control/right-click, then select Empty Trash





## **Deletion Problems**

#### Locked Files

- Unlock file with Get Info
- Hold down  $\mathcal{T}$  when emptying Trash

### Item in Use

- Close program using it
- Eject mounted disk image
- May have to log out and log back in







# Opening

- **Double-click**
- Control/right-click, then Open or Open With
- File -> Open or Open With
- #O
- Within application: File 
   Open or Import...







# Saving

- Within Application
  - File ⇒ Save or Save As...
- New Folder button







### Aliases

### Creating

- File ⇒ Make Alias
- XL

• Control/right-click, then Make Alias

- Hold  $\mathfrak{K}$  and  $\mathcal{T}$  when dragging
- Finding Original
  - Get Info
  - File ⇒ Show Original
  - #R
  - Control/right-click, then Show Original







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## Demo Files and Folders







# Searching

• Search within folder with Search field

| Find   | Find       Search in:      Home   |
|--|---|
| <ul> <li>% File 4/ File</li> <li>% Fil</li></ul> | Search for items whose:<br>file name contains  Content includes                                 |
| tions Search<br>check this out   | Add criteria Search<br>date modified<br>date created<br>kind<br>size<br>extension<br>visibility |

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# Demo Searching







# Mac OS X Menus

- 🧉 🕻 Finder File Edit View Window Help Go
- Apple Menu
  - Always Same Contents
- Application Menu
  - Always the name of the Application
  - About
  - Preferences...
  - Quit
- Controls
  - Right end of Menu Bar
  - Customizable

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Fri 11:24 AM - ) -Tue 10:54



# Demo Menus







## Apple Menu





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#### **Finder Menu**

| Finder File Ed | lit View |
|----------------|----------|
| About Finder   |          |
| Preferences    |          |
| Empty Trash    | ☆⋇⊗      |
| Services       | •        |
| Hide Finder    | ЖН       |
| Hide Others    | ∼жн      |
| Show All       |          |







## File

| File Edit View (  | Go Wine                 |
|-------------------|-------------------------|
| New Finder Windov | v %°N                   |
| New Folder        | Ω₩Ν                     |
| Open              | жо                      |
| Open With         |                         |
| Close Window      | ЖW                      |
| Get Info          | жι                      |
| Duplicate         | жD                      |
| Make Alias        | ЖL                      |
| Show Original     | ЖR                      |
| Add to Favorites  | ЖТ                      |
| Move to Trash     | $\Re \langle X \rangle$ |
| Eject             | ЖE                      |
| Burn Disc         |                         |
| Find              | ЖF                      |







## Edit

| <b>Edit</b> View | Go Wi |
|------------------|-------|
| Can't Undo       | ЖZ    |
| Cut              | ЖX    |
| Сору             | ЖC    |
| Paste            | жV    |
| Select All       | ЖA    |
| Show Clipbo      | bard  |







#### View

| View Go Window      | Help |          |
|---------------------|------|----------|
| as Icons            | ж1   | ÷        |
| as List             | ж2   | <u>.</u> |
| ✓ as Columns        | ЖЗ   |          |
| Clean Up<br>Arrange | •    |          |
| Hide Toolbar        | ЖB   |          |
| Customize Toolbar   |      |          |
| mue status bar      |      |          |
| Show View Options   | ЖJ   |          |

| $\Theta \Theta \Theta$ |               |             | Customiz   | ze Toolbar |                |           |           | 0            |
|------------------------|---------------|-------------|------------|------------|----------------|-----------|-----------|--------------|
| (··· ···)              | :: ≡ □        |             |            | Ŵ          | A              |           | $\supset$ |              |
| Back Forward           | View          | Compu       | ter Home   | Favorites  | Applications   | Search    |           |              |
| Drag your fa           | vorite items  | to the tool | bar        |            |                |           |           |              |
| •••                    | $\odot$       | =           | 88 ≣ □□    |            | <b>S</b>       | ₹¥¢       |           |              |
| Back                   | Forward       | Path        | View       | Eject      | Burn           | Customize | Separator |              |
|                        | $\otimes$     | <b>(</b> 2) | Q          | i          |                |           |           |              |
| New Folder             | Delete        | Connect     | Find       | Get Info   | Computer       | Home      | iDisk     |              |
| Ŵ                      | A             | B           | 1111       | 6          | Ê              | - 🚸 - 🤇   |           | $\mathbf{D}$ |
| Favorites              | Applications  | Documents   | Movies     | Music      | Pictures       | Public    | Search    |              |
| or choose              | the default s | set.        |            |            |                |           |           |              |
| $\odot$                |               |             | <u>s</u> 1 | 1          |                |           | $\supset$ |              |
| Back Forv              | vard vie      | w : C       | omputer H  | ome ravor  | nes Applicatio | ins searc | n         |              |
| Show Icon              | & Text 🛟      |             |            |            |                | (         | Done      |              |





#### Go



|    |                 | Connect to          | o Server                  |      |
|----|-----------------|---------------------|---------------------------|------|
|    | Choose a serv   | ver from the list o | or enter a server address |      |
|    | At: (           | Network             | :                         |      |
|    | 🚱 Local         | Þ                   |                           |      |
|    | 🚱 SCL           | ⊳                   |                           |      |
|    | 😵 WORKGROUP     | ⊳                   |                           |      |
|    |                 |                     |                           |      |
| i. |                 |                     |                           |      |
|    |                 |                     |                           |      |
|    |                 |                     |                           | - 22 |
|    | 3 items         |                     |                           |      |
|    | Address:        |                     |                           |      |
|    | Add to Favorite | es                  | Cancel Conne              | ct)  |





## Window

| Winwow Help                     |    |
|---------------------------------|----|
| Zoom Window<br>Minimize Window  | ЖM |
| Bring All to Front              |    |
| Shared<br>Documents<br>Pictures |    |







| Holp |      |    |
|------|------|----|
| Mac  | Help | Ж? |









## Demo **Finder Menus**







## **Keyboard Shortcuts**

- Apple Menu
- Application Menu
  - Hide: #H  $\bullet$
  - Quit: XQ  $\bullet$









## **Keyboard Shortcuts**

- File Menu
  - New: 光N  $\bullet$
  - Open: 光O
  - Close: 光W
  - Close All: \\ \#W
  - Save: #S
  - Print: **#**P





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## **Keyboard Shortcuts**

#### • Edit Menu

- Undo: %Z
- Redo: 企業Z
  - Microsoft programs use \%Y
- Cut: XX
- Copy: ЖС
- Paste: 跆V
- Select All: %A
- Other
  - Move to Trash: ℋ<Im>
     X
  - Empty Trash: 企業 🖾





#### **Dock Contents**

#### Contents

- **Running Applications**  $\bullet$ 
  - Marked by a triangle
- Aliases of Applications, Documents, and Folders
- Trash









## **Dock Customization**

#### **Customizing Contents** $\bullet$

- Add Items
  - Drag them into the Dock
- Remove Items
  - Drag the Dock icon out







## **Dock Preferences**

#### Dock Preferences

- Control/right-click on Dock divider
- Magnification
- Hiding igodot
- Size
- Position
- Animation







## **Dock Tricks**

- Control/Right-Click on Dock Icon Dock Contextual Menu
- Command-Click on Dock Icon
  - Shortcut for "Show in Finder"
- Option-Click on Dock Icon
  - Hide Current Application
- Shift-Click on Dock Icon
  - Slow-Motion





# **Change Applications**

- Click on Dock Icon
- XTab
- **企** 器 Tab



![](_page_51_Picture_6.jpeg)

![](_page_51_Picture_7.jpeg)

# Demo Dock

![](_page_52_Picture_1.jpeg)

![](_page_52_Picture_3.jpeg)

![](_page_52_Picture_4.jpeg)

### Title Bar

- Command-Click
- Proxy Icon

![](_page_53_Picture_3.jpeg)

![](_page_53_Picture_4.jpeg)

![](_page_53_Picture_5.jpeg)

![](_page_53_Picture_6.jpeg)

![](_page_53_Picture_8.jpeg)

## Demo Title Bar

![](_page_54_Picture_1.jpeg)

![](_page_54_Picture_3.jpeg)

![](_page_54_Picture_4.jpeg)

## File System

- Hard Drives
- Network
  - Only Useful if There's a Network Server
  - Otherwise, Just Ignore

![](_page_55_Picture_5.jpeg)

![](_page_55_Picture_6.jpeg)

![](_page_55_Picture_8.jpeg)

## File System

- If Classic is Installed
  - Applications (Mac OS 9)
  - Desktop (Mac OS 9)
  - System Folder
- If Developer Tools are Installed
  - Developer  $\bullet$

![](_page_56_Picture_7.jpeg)

![](_page_56_Picture_9.jpeg)

![](_page_56_Picture_10.jpeg)

## Applications

- Applications that can be run by any user
- /Applications/Utilities/
- **Do NOT move applications**  $\bullet$

| 00                |            | 🔏 Applica  | ations      |        |                     | 0         |
|-------------------|------------|------------|-------------|--------|---------------------|-----------|
| •••••             | ) 📃        |            | Ŵ           | 1      | <b>k</b>            | $\supset$ |
| Back Forward View | Compute    | r Home     | Favorites   | Applic | ations Search       |           |
| ×                 | 43 it      | ms, 2.62 0 | B available |        |                     |           |
| =1,               | 🔗 Appli    | ations     |             | P 2    | Acrobat Reader 5.0  | 0         |
| Necromancer       | Devel      | oper       |             | P 1    | Address Book        |           |
| Network           | 🕞 🧊 Librar | y          |             | > 0    | 🗿 Adobe Photoshop 7 | •         |
| <b>V</b>          | 🔰 🔰 Syster | n          |             | Þ [    | AppleScript         | - P       |
| Neuromancer       | System     | n Folder   |             | Þ 🖡    | BBEdit 7.0          | - P       |
|                   | 🔰 Users    |            |             | P 8    | Calculator          |           |
|                   |            |            |             | 6      | Camino              | - F       |
|                   |            |            |             | 4      | - Chess             | - 1       |
|                   |            |            |             |        | Clock               | - 1       |
|                   |            |            |             |        | DVD Player          | - 1       |
|                   |            |            |             | 0      | 🔋 iCab              | - P       |
|                   |            |            |             | 3      | 🖞 iCal              | - 1       |
|                   |            |            |             | 9      | 🔋 iChat             | - 1       |
|                   |            |            |             | 6      | lmage Capture       | - 1       |
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|                   |            |            |             | 1      | lnternet Connect    |           |
|                   |            |            |             | . 8    | 🖇 Internet Explorer | <b>T</b>  |
|                   | 10         |            |             |        | i Dhata             |           |

| 000           |        |  | 🧊 Utili    | ties         |      |           |                      | $\subset$ |
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| Back Forward  | View   | Computer   | Home       | Favorites    | App  | lications | Search               |           |
| ×             |        | 28 item  | is, 2.62 ( | SB available |      |           |                      |           |
| Applications  | Þ      | Netscar  |            |              | . h  | AirPe     | ort Admin Utility    |           |
| 📁 Developer   | Þ      | OmniGr   | affle Pre  | fessional    |      | 🔃 AirPi   | ort Setup Assistant  |           |
| 🗊 Library     | P.     | CommiQue Comminue CommiQue Com | utliner    | ressional    |      | 👌 Appl    | e System Profiler    |           |
| 📁 System      | Þ      | OmniW  | eb         |              |      | 📁 Asia    | Text Extras          | - P       |
| System Folder | P      | S Preview  |            |              |      | 🖻 Audi    | o MIDI Setup         |           |
| 🗊 Users       | Þ      | OuickTi  | me Play    | er           |      | 🕹 Blue    | tooth File Exchange  |           |
|               |        | 🙆 Safari   | ,          |              |      | Blue      | tooth Serial Utility |           |
|               |        | A Sherloc  | k          |              |      | Blue      | tooth Setup Assista  | лt        |
|               |        | Snapz P  | ro X       |              | ь Ц. | 🗶 Colo    | rSync Utility        |           |
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| C             |        | ****   |            |              |      | -         |                      | 4 1       |

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![](_page_57_Picture_8.jpeg)

# Library

- Support Files
- Fonts
- Preferences
- **Browser Plug-Ins**  $\bullet$
- Screen Savers
- Etc....

![](_page_58_Picture_8.jpeg)

![](_page_58_Picture_9.jpeg)

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![](_page_58_Picture_12.jpeg)

## System

- Core Mac OS X files
- **Operating system resources**
- Don't mess around with its contents

![](_page_59_Picture_4.jpeg)

![](_page_59_Picture_5.jpeg)

![](_page_59_Picture_7.jpeg)

#### Users

- Home folders
- One for each user account
- Shared folder

![](_page_60_Picture_4.jpeg)

![](_page_60_Picture_5.jpeg)

![](_page_60_Picture_7.jpeg)

## Home Folders

- Normally eight folders
- Desktop and Library are required ightarrow

![](_page_61_Picture_3.jpeg)

![](_page_61_Picture_4.jpeg)

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![](_page_61_Picture_7.jpeg)

## **User Desktop**

- Documents, folders appear on Desktop
- Customizable per user
- and Open dialogs

| 000             |      | 📰 Desk          | top                    |            |
|-----------------|------|-----------------|------------------------|------------|
| •••             |      | 5               | ¥ 🛧                    | $\bigcirc$ |
| Back Forward    | View | Computer Home   | Favorites Applications | Search     |
|                 |      | 0 items, 2.62 G | B available            |            |
| [ Deleted Users | ⊳    | 🔝 Desktop       | ►.                     |            |
| 👚 gus           | ►    | Documents       | Þ                      |            |
| 🧊 mike          | Þ    | 🗊 Library       | Þ                      |            |
| 📁 Shared        | Þ    | 🝺 Movies        | ▶                      |            |
|                 |      | 🚺 Music         | ▶                      |            |
|                 |      | 📁 Pictures      | ▶                      |            |
|                 |      | 🧭 Public        | ▶                      |            |
|                 |      | 📁 Sites         | ▶                      |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 |      |                 |                        |            |
|                 | 11   |                 | П                      | 11         |

![](_page_62_Picture_5.jpeg)

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![](_page_62_Picture_8.jpeg)

#### Documents

- Default save location
- Improved organization •

![](_page_63_Picture_3.jpeg)

![](_page_63_Picture_4.jpeg)

# Library

- User-specific resources
- Preferences
- Web browser caches
- **Fonts**
- Etc....

![](_page_64_Picture_6.jpeg)

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![](_page_64_Picture_9.jpeg)

## Movies

#### • iMovie stores projects here

![](_page_65_Picture_2.jpeg)

![](_page_65_Picture_3.jpeg)

## Music

#### **Default location for iTunes files** $\bullet$

![](_page_66_Picture_2.jpeg)

![](_page_66_Picture_3.jpeg)

![](_page_66_Picture_4.jpeg)

![](_page_66_Picture_5.jpeg)

### **Pictures**

- iPhoto stores projects here
- Is required by iPhoto •

![](_page_67_Picture_3.jpeg)

![](_page_67_Picture_4.jpeg)

![](_page_67_Picture_6.jpeg)

## Public

- Personal File Sharing
- Others connect via "Connect to Server"
  - Read files in Public
  - Put files into Drop Box

![](_page_68_Picture_5.jpeg)

![](_page_68_Picture_6.jpeg)

![](_page_68_Picture_8.jpeg)

![](_page_68_Picture_9.jpeg)

#### Sites

- Personal Web Sharing
- User's home page
  - http://your-ip-or-dns/~user  $\bullet$

![](_page_69_Picture_4.jpeg)

![](_page_69_Picture_5.jpeg)

![](_page_69_Picture_6.jpeg)

![](_page_69_Picture_7.jpeg)

## System Preferences

![](_page_70_Picture_1.jpeg)

![](_page_70_Picture_2.jpeg)

![](_page_70_Picture_4.jpeg)

## System Preferences

| $\bigcirc \bigcirc \bigcirc$ | Desktop  | 0 |
|------------------------------|--|---|
| Show All                     | Displaye Sound Network Startup Disk            |   |
| Curren                       | t Desktop Picture:                             |   |
| A                            | Aqua Blue                                      |   |
| Select                       | an image from the collections.                 |   |
| Collect                      | ion: Apple Background Images                   |   |
| Q                            |  |   |
|                              |  |   |
| 🗌 Char                       | nge picture: every 30 minutes 🔹 🗹 Random order |   |
|                              |  |   |

![](_page_71_Picture_2.jpeg)

![](_page_71_Picture_4.jpeg)
| 000          |                     | Dock               |                                     | 0 |
|--------------|---------------------|--------------------|-------------------------------------|---|
| Show All Dis | olays Sound Network | k Startup Disk     |                                     |   |
|              | Dock Size:          | Small              | Large                               |   |
|              | Magnification:      | Min                | Max                                 |   |
|              | Position on screen: | O O<br>Left Bottom | •<br>Right                          |   |
|              | Minimize using:     | Genie Effect       |                                     |   |
|              |                     | Animate opening    | applications<br>e and show the Dock |   |

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|                                   | General  | 0 |
|-----------------------------------|--|---|
| 📧 📃 💩 🏈                           |  |   |
| Show All : Displays Sound Network | startup Disk                                       |   |
| 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 har to        | lump to the payt page                              |   |
| click in the scron bar to.        | Scroll to here                                     |   |
|                                   |  |   |
| Number of Recent Items:           | 10 Applications                                    |   |
|                                   | 10 Documents                                       |   |
|                                   |  |   |
| Font smoothing style              | Standard - best for CRT                            |   |
| Turn off text smoothing f         | or font sizes 8 🛟 and smaller.                     |   |

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| Show All Displays Sound Network Startup Disk  |   |
|---|---|
| Language Date Time Numbers Input Menu   | _ |
| Languages:<br>English<br>Deutsch<br>Français<br>Nederlands<br>Italiano<br>日本語   |   |
| Script:<br>Central European<br>Cyrillic<br>Roman<br>한글<br>日本語<br>简体中文<br>繁體中文 These affect sort order, case conversion,<br>and word definitions for the selected<br>script. |   |





| 00                        | Login                       | n Items                | 0   |
|---------------------------|-----------------------------|------------------------|-----|
| ié 🔲 💧                    | s 🚱 🗾                       |                        |     |
| Show All Displays Sou     | and Network Startup D       | Disk                   |     |
| The second second second  |                             | un la chui             |     |
| These items will open     | automatically when y        | you log in:            |     |
| Hide Item                 |                             | Kind                   |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
| Drag items to specify the | order in which they open    | ).<br>Ida ahaalahaa    |     |
| to nide an application wh | en you log in, click its Hi | ae cneckbox.           |     |
|                           | Remove                      | Add                    |     |
|                           |                             |                        |     |
|                           |                             |                        |     |
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| $\bigcirc \bigcirc \bigcirc$ | My Account  | 0     |
|------------------------------|---|-------|
| Show All                     | Displays Sound Network Startup Disk   |       |
|                              | User: Michael Yocom   |       |
|                              | My Password: Change   |       |
|                              | My Picture:<br>Drag a picture from the Finder, select one below,<br>or click Choose Another to locate a picture file.<br>Choose Another |       |
|                              |   |       |
| My Ac                        | ddress Book Card: Edit  | - D., |
|                              |   |       |
| The                          | University of Utah Student Computing Labs   | SEL   |



| $\bigcirc \bigcirc \bigcirc$ | Screen Effects   | 0 |
|------------------------------|--|---|
| Show All                     | Displays Sound Network Startup Disk  |   |
|                              | Screen Effects Activation Hot Corners  |   |
|                              | Screen Effects Computer Name Flurry Abstract Beach Cosmos Forest Pictures Folder .Mac Random Preview P |   |
|                              | Use Energy Saver to increase the life of your display.   |   |

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| $\mathbf{\Theta} \mathbf{\Theta} \mathbf{O}$ | CDs & DVDs                                       | $\bigcirc$ |
|--|--|------------|
| j 🛋  |  |            |
| Show All                                     | Displays Sound Network Startup Disk              |            |
|  | 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 🛟 |            |
|  |  |            |





| $\bigcirc \bigcirc \bigcirc \bigcirc$ | ColorSync   | 0 |
|---------------------------------------|---|---|
| Show All                              | Displays Sound Network Startup Disk   |   |
|                                       | Default Profiles CMMs   | _ |
|                                       | Use this panel to specify default profiles for each color space to<br>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  |   |
|                                       |   |   |
|                                       |   |   |

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| 000                       | Apple Studio Display  | 0 |
|---------------------------|---|---|
| Show All Displays Sound   | Network Startup Disk  |   |
|                           | Display Arrangement Color   | _ |
| Resolutions:              | Colors: Millions  |   |
| 640 x 480<br>640 x 870    | Refresh Rate: 75 Hertz  |   |
| 800 x 600<br>832 x 624    | Show modes recommended by display   |   |
| 1024 x 768<br>1152 x 870  | Additional modes are provided by the video<br>card and may not be supported by the display. |   |
| 1280 x 960<br>1280 x 1024 | Show displays in menu bar   |   |
| 1600 x 1200               | ¥   |   |
|                           |   |   |
|                           |   |   |





| $\mathbf{\Theta} \mathbf{\Theta} \mathbf{O}$ | Energy Saver                                  | 0 |
|--|---|---|
| <u>,</u>                                     |   |   |
| Show All                                     | Displays Sound Network Startup Disk           |   |
|  | Sleep Options                                 |   |
| Put th                                       | e computer to sleep when it is inactive for:  |   |
|  | 1 I I I I I I I I I I I I I I I I I I I       |   |
| u  | Jse separate time to put the display to sleep |   |
|  | $\bigtriangledown$                            |   |
|  | 1 min 15 min 1 hr 3 hrs Never                 |   |
| 🗆 P  | Put the hard disk to sleep when possible.     |   |
| Clic   | ck the lock to prevent further changes.       |   |
|  |   |   |

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| Keyboard   | Mouse Blu    | etooth Keyboard Acces |      |
|------------|--------------|-----------------------|------|
|            |              |                       |      |
| Key Repeat | Rate         | Delay Until Repea     | t    |
| Slow       | Fast         | Off Long S            | hort |
|            | Type here to | test settings         |      |
|            |              |                       |      |
|            |              |                       |      |
|            |              |                       |      |
|            |              |                       |      |
|            |              |                       |      |
|            |              |                       |      |
|            |              |                       |      |
|            |              |                       |      |







| <b>0</b> |                |               | So          | und         |              |               |        | 0 |
|----------|----------------|---------------|-------------|-------------|--------------|---------------|--------|---|
| Show All | Displays S     | ound Network  | Startup D   | isk         |              |               |        |   |
|          |                | Sound         | Effects     | Output      | Input        |               |        | _ |
| Choo     | ose an alert   | sound         |             |             |              |               |        |   |
| Nam      | e              |               |             | Kind        |              |               |        |   |
| Bass     | 0              |               |             | Built-in    |              |               |        |   |
| Blow     | /              |               |             | Built-in    |              |               |        |   |
| Bott     | le             |               |             | Built-in    |              |               |        |   |
| Frog     | J              |               |             | Built-in    |              |               |        |   |
| Funi     | k              |               |             | Built-in    |              |               | Ŧ      |   |
| Play     | / alerts and s | sound effects | through:    | Built-in a  | audio con    | ntroller      | Å<br>T | ) |
|          | Alert volu     | ime: 🛋 📻      |             |             |              | <b>■</b> >))  |        |   |
|          |                |               |             |             |              | _             |        |   |
|          |                | Play          | y user inte | erface sour | id effects   | 5             |        |   |
|          |                | M Pla         | y feedbacl  | c when vol  | ume key      | s are press   | ed     |   |
|          | Output volu    | ume: 🛋 🔫      | ow volume   | in menu l   | i i i<br>Dar | <b>◄</b> ») □ | Mute   | _ |

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| $\bigcirc \bigcirc \bigcirc$ | Internet  | 0              |
|------------------------------|---|----------------|
| Show All                     | Displays Sound Network Startup Disk                         |                |
|                              | .Mac iDisk Email Web  |                |
|                              | Default Web Browser: 🔞 Safari (1.0)                         |                |
|                              | Home Page: http://www.scl.utah.edu/                         |                |
| Do                           | wnload Files To: "Downloads" on volume "Neuromancer" Select |                |
|                              |   | 000-002        |
|                              |   |                |
|                              |   |                |
|                              |   |                |
|                              |   | _              |
| 270 C. S.C.                  |   |                |
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Π

|                      | Location: Aut             | omatic                               | •                    |  |
|----------------------|---------------------------|--------------------------------------|----------------------|--|
| now: Built-in Ethern | TCP/IP PPPoE              | AppleTalk                            | Proxies              |  |
|                      | 🗌 Mak                     | e AppleTalk Acti                     | ve                   |  |
| Compute              | r Name: Michae<br>(Can be | l Yocom's Comp<br>changed in Sharing | uter<br>Preferences) |  |
| AppleTa              | k Zone:                   |                                      | A<br>T               |  |
| Co                   | nfigure: Auton            | natically                            | A<br>V               |  |
|                      |                           |                                      |                      |  |
|                      |                           |                                      |                      |  |
|                      |                           |                                      |                      |  |

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| $\mathbf{\Theta} \mathbf{\Theta} \mathbf{O}$ | QuickTime  | $\supset$ |
|--|--|-----------|
| Show All                                     | Displays Sound Network Startup Disk  |           |
|  | Plug-In Connection Music Media Keys Update   |           |
|  | Connection Speed: Intranet/LAN<br>Select the connection speed supported by your hardware. QuickTime<br>uses this setting for Internet media.   |           |
|  | Allow multiple simultaneous streams<br>QuickTime's default is to play one stream at a time. Use this option<br>to allow playback of multiple streams simultaneously. This may<br>degrade performance if your available bandwidth is exceeded.  |           |
|  | Instant-On Transport Setup   |           |
|  | About QuickTime Registration   |           |
|  | relevant and the line of the state of the st | si, tipat |
| The Uni                                      | iversity of Utah Student Computing Labs  | SC        |

| 00            | Sharing   | $\bigcirc$ |
|---------------|---|------------|
| Show All      | Displays Sound Network Startup Disk   |            |
| C<br>Rer<br>N | Computer Name: Michael Yocom's Computer<br>Indezvous Name: Michael-Yocoms-Computer .local<br>etwork Address: mike_main_box-1.scl.utah.edu Edit  | $\supset$  |
| Select        | t a service to change its settings.          Service       Personal File Sharing         Personal File Sharing       Start         Windows File Sharing       Click Start to give users of other computers access to Public folders on this computer.         Remote Login       FTP Access         Remote Apple Events       Printer Sharing |            |
| ) Cli         | ck the lock to prevent further changes.   |            |

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|                     | Accounts  |   |
|---------------------|---|---|
| Show All Displays S | Sound Network Startup Disk<br>Users Login Options<br>Type<br>el Yocom Admin | New User<br>Edit User<br>Capabilities<br>Set Auto Login |
| Click the lock t    | to prevent further changes.   | dent Computing Labs                                     |

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| 00                    |  |                                  | Classie            | 2  |                            | 0 |
|-----------------------|--|----------------------------------|--------------------|--|----------------------------|---|
| Show All Di           | splays Sound                                 | Network Start                    | 2<br>up Disk       |  |                            |   |
|                       | Start  | /Stop Adv                        | anced              | Memory/Versions                                | ]                          | _ |
| Classic i<br>automat  | s an environn<br>tically when a              | nent for runni<br>Classic applic | ng Mac<br>ation is | OS 9 applications. It<br>launched, or it can l | starts<br>be started here. |   |
| Classic<br>Select a   | system folder                                | <b>g</b><br>for Classic:         |                    |  | ders                       |   |
| ▼Neur<br>Sys<br>Necro | ▼Neuromancer<br>System Folder<br>Necromancer |                                  | Sta<br>Wa          | rt Classic when you l<br>rn before starting Cl | og in<br>assic             |   |
| Sta                   | rt Click                                     | Start to start th                | e Classic          | environment.                                   |                            |   |
| Rest                  | tart   |                                  |                    |  |                            |   |
| Force                 | Quit   |                                  |                    |  |                            |   |
|                       |  |                                  |                    |  |                            | 5 |





| D | ate & Time Time Zone                                     | Network Time Menu Bar Clock  |
|---|--|--|
|   | Today's Date   | Current Time   |
|   | October<br>2003  | 15:28:09   |
|   | SMTWTFS  | 11 12 1  |
|   | 5 6 7 8 9 10 11  | 10 2   |
|   | 12 13 14 15 16 17 18                                     | 1 <sup>-9</sup>  |
|   | 26 27 28 29 30 31  | 8 7 a 5 4  |
|   | You cannot set the date and server. To stop using a netw | time while using a network time<br>work time server, click the Network |
|   | Time tab.  |  |
|   | To set date and time forma                               | ts, use International preferences.                                     |
|   | Open   | International  |

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| 🕽 🖯 🔿 Software Update   | $\bigcirc$ |
|---|------------|
| Show All Displays Sound Network Startup Disk  |            |
| Software Update checks for new and updated versions of your software<br>based on information about your computer and current software.        |            |
| Automatically check for updates when you have a network connection          Daily         Next scheduled: Saturday, October 11, 2003 09:59:23 |            |
| Last Check: Only inactive updates were available.<br>Friday, October 10, 2003 09:59:25 US/Mountain<br>Check Now Show Inactive Updates         | -          |

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|          | Speech   | 0  |
|----------|--|--|
| Show All | Displays Sound Network Startup Disk  |  |
|          | Speech Recognition Default Voic  | e Spoken User Interface  |
|          | Recognition System: Apple Sp   | eakable Items 🛟  |
|          | On/Off Listening   | Commands   |
|          | Apple Speakable Items is: On Ap<br>Off sp<br>Con Con Con Con Con Con Con Con Con Con | ple Speakable Items lets you use<br>oken commands to control your<br>mputer. |
|          | Helpful Tips   | Open Speakable Items Folder  |
|          | When a command is recognized   |  |
|          | Play sound: Whit   | •  |
|          | Speak confirmation   |  |

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| 00                | Universal Ad                                 | ccess 🖂                 |
|-------------------|--|-------------------------|
| Show All Displays | Sound Network Startup Disk                   |                         |
|                   | When using the computer, I                   | have difficulties with: |
|                   | Seeing Hearing Ke                            | yboard Mouse            |
|                   | Turn On                                      | Zoom                    |
| Universal Ac      | cess shortcuts:                              | Zoom Ontions            |
| て第 * turns o      | on Zoom                                      | 200m options            |
| て第- zooms         | out  |                         |
| Sw<br>^∵೫* switch | itch to Whi<br>res to white on black         | te on Black             |
| Set Displa        | y to Grayscale                               |                         |
| Allow Universa    | al Access Shortcuts<br>for assistive devices |                         |

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#### Next Class

Mac OS X Part 4
Friday, October 24, 2003
9:00 AM — 10:30 AM
MMC 1745





#### More Classes

• Mac OS X Part 4 — Oct. 24

Mac OS X Part 5 — Oct. 31







# Survey

#### How did we do? Please take a minute to fill out the survey.







## **Contact Information**

- Web www.macos.utah.edu
- Email mac@scl.utah.edu
- Offices Multimedia Center (Room 1705), ask at the service counter for someone from the "Mac Group."





# Questions and Answers





