

Mac OS X "Gee Whiz!"







Mac OS X Gee Whiz!

The University of Utah **Student Computing Labs Macintosh Support** mac@scl.utah.edu







We Will Cover

Cool new technologies you can use

 Common tasks that are easy on the Macintosh

 Integrating Macintosh in a Windows network





New Technologies

- Rendezvous
- Chatting without "signing up"
- Sharing files without "admin password"
- Collaborative text editing





Rendezvous

 Instant local network Zero configuration • Why is it cool? Instructors can use in classrooms







- Some of the companies that make Rendezvous enabled devices
 - Canon ()
 - Epson
 - HP
 - Lexmark
 - Sybase
 - TiVo
 - World Book • Xerox







Some of the Rendezvous possibilities

- Chat with students in the classroom without AIM, Yahoo, or MSN accounts
- Share files without turning on file sharing
- Run applications that "collaborate"





- How to chat without an AIM, Yahoo, or MSN account
 - Open iChat
 - Click "Continue"



- Type in name and click "Continue"
- Select "Use Rendezvous messaging" and click "Continue"





• Let's try it

-	Set up a new iChat Acco	unt
	To set up iChat enter the	information below.
	Enter your Mac.com email add AOL Instant Messenger (AIM)	dress and password. Or, you can enter an screen name and password.
	First Name:	James
	Last Name:	Reynolds
	Account Type:	.Mac Account
/	Account Name:	@mac.com
1	Password:	
1		Get an iChat Account
~/		
L		Go Back Continue







- How to share files to students in a classroom without turning on file sharing
 - Open iChat and setup like before
 - Select a file, drag it onto the person you want to give it to
 - P2P file transfer done legally!





• How to share audio files

Open iTunes



- Drag audio file into iTunes
- Open menu "iTunes" then "Preferences"
- Click on "Sharing"
- Check "Share my music"
- Etc.,.

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• Let's try it

				Sharing
				General Effects Importing Burning Sharing Store Advanced
	(iTunes	Q. 58	 ✓ Look for shared music ✓ Share my music
Source Radio Music Store Go's Music Go's Music My Top Rated Recently Played Top 25 Most Played		Song Name	Time 34	Share entire library Share selected playlists: 60's Music My Top Rated Recently Played Top 25 Most Played Shared name: Clars listening
+ x c t		1 song, 3.9 minutes, 3.7 MB	1	Shared name. Class istening Require password: •••••• Status: Off Cancel OK





• Real-time text editing: SubEthaEdit

 Named after Douglas Adams' "SubEthaNet" in his stories

 How the "Hitchhiker's Guide to the Galaxy" was updated... in real-time







- Sharing a document
 - Open SubEthaEdit
 - Click the "Share" button
- Getting a shared document
 - Click the "Rendezvous" button
 - Click on the document
 - Wait to be allowed
 - Host must "check" each user







Color coding for these languages







Let's try it









Real-time text editing: iStorm Very similar to SubEthaEdit Crashes a little too much right now Unique features

- Text formating
- Chalkboard
- Chat built in
- Voice messages



Calculator and LaTeX generator

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Common Tasks

- Create PDF's
- Shrink PDF's
- Purchase Music
- Video Chat
- Burn CD's & DVD's
- Import video/photograghs
- Plug and Play USB and Firewire
- Power user productivity shortcuts



• Create a PDF of any window that prints

• Select menu "File" then "Print"

- In print dialog, select "Save AS PDF..."
- Give the file a name







• Let's try it

Presets:	Standard				
Copies & Pages	-				
Copies:	1	Col	lated		
Pages	🖸 All				
	O From:	1	to:	1	





- Shrink PDF's
 - PDF's that include scanned images are HUGE



- 3 targets
 - eBook
 - Print
 - Screen
- Drag PDF to desired target

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• Let's try it

00	PDFshrink		Fshrink	
Config eBook Fint Screen	S Doceptel7	Sumr Color & Grayscal Downsampling t Med Q JPEG Com Monochrome Image Downsampling t CCITT G4 Compr Fonts, Text, Mis Remove PS/AI I Remove Metadat Remove Tagging Remove Base 14	mary e Images: o 72 dpi pression s: o 200 dpi ession c: nfo a ils /Structure Fonts	
		Process	New	
		Delete	Edit	







- Purchase music
 - Open iTunes
 - Click on Music Store
 - Browse or search music
 - Listen to 30 second preview
 - Click "Buy"
 - Fill out info just like any credit card order





- Warnings about buying music
 - All purchased music is copy protected.
 - Only "authorized" computers can use
 - Maximum of 3 "authorized" computers
 - Deauthorize "Lab" computers
 - Unlimited CD burning





Let's try it









- Video Chat
 - Open iChat AV
 - Have a firewire camera
 - Click on the "Camera"











• Let's try it









Plug and Play USB and Firewire

- Just plug it in
 - Hot swappable
- USB ports on keyboard and back of CPU
- Firewire ports on back of CPU
- Let's try it







Import video

- Plug in digital camcorder (Firewire)
- Open iMovie
- Change to camera mode
- Click import button
- Edit movie





- Export as email or web movie
- Export to MiniDV or for iDVD

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- Import photograghs
 - Plug in digital camera (USB)
 - Open iPhoto
 - Select "Import" tab
 - Click "Import" button



- Go through each image and edit them
 - Crop, touch up, nothing major
- Print photos, create slideshows, email images, order prints, order book, create a gallery webpage, export them to iDVD



Burn CD-R, CD-RW, DVD-R, and DVD-RW

• 3 types

Music

Data

DVD movie \bullet







• Can not burn "DVD+..."





• To burn Music CD

- Open iTunes
- Create a Playlist
- Click on the burn icon
- Insert blank CD and burn







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• To burn DVD movie

- Create an iMovie movie
- Or create an iPhoto slideshow
- Export to iDVD
- Open iDVD
- Create chapters and interface
- Burn DVD movie





- To burn a data CD or DVD
 - Open Roxio Toast Titanium 5.2.1
 - Click the "Data" tab
 - Drag files and folders to window
 - Click "Record"







- If you ever see this, choose "Ignore"
 - Do not use the Finder to burn CD/DVD's
 - Finder burns Mac only CD/DVD's

6	You inse from the	rted a blank CD. Choose pop-up menu.	what to do
CDR	Action:	🙀 Open Finder	•
	Name:	untitled CD]
	🗌 Make	this action the default	
Eject	\supset	Ignore	ОК





Use CD-Erase to erase CD-RW and DVD-RW

000	Erase Disc
0	Erase Disc In: PIONEER DVD-RW DVR-104 Waiting for a disc to be inserted
	Erase data on disc: 💽 Quickly 🛛 🔿 Completely
	Open Cancel Erase





• Let's try it







Power user productivity shortcuts \bigcirc

 Check menus for keyboard shortcuts

> 第 – Command key aka 🖒 (Apple key) \sim – Option key ^ – Control key 企 – Shift key

File Edit View Go	
New Finder Window	ЖN
New Folder	î≻ ₩ N
Open 😽	ЖО
Open With	
Close Window	96 W
Get Info	жı
Duplicate	ЖD
Make Alias	₩L
Show Original	ЖR
Add to Favorites	第丁
Move to Trash	*
Eject	ЖE
Burn Disc	
Find	ЖF







Integrating

Connecting to library staff server
Cross platform stuff
Documents
Applications





- Connecting to library staff server
 - Activate Finder
 - Select "Go" menu
 - Select "Connect to Server..."
 - Enter server address



Go Window Hefe	
Back	HI[
Forward	96]
Computer	¢₩C
1 Home	Φ₩H
🔮 iDisk	♦ 961
Applications	A⊮A
🖤 Favorites	∆%F
Favorites	
Recent Folders	•
Go to Folder	¢₩G
Connect to Server	. 🔈 🕷 K





Enter username and password \mathbf{O}

Enter username and password for NA51-51 Workgroup/Domain	AFF:
Workgroup/Domain	
STAFF	
Username	
jreynolds	
Password	
Add to Keyrbain	







Select your share

1	SMB Mount Select a share	r		
	Home		webshare	
	Cancel Re-authenticate	L.	Illiad USERS	
	and the second		✓ DomainUtils Groups)
			Cancel	Re-authenticate OK





• Find your files







Dismount server when done

- Drag icon to trash
- Or select icon and choose the menu "File" and select "Eject"

1	ile Lait view G	<u>.</u>	Min
	New Finder Window		ЖN
	New Folder	ŵ	ЖN
	Open		80
	Open With		- 2
	Close Window		₩W
	Get Info		% I
	Duplicate		жD
	Make Alias		36L
	Show Original		36R
	Add to Favorites		ЖT
	Move to Trash		96 (S)
	Eject	-1	#E
	Burn Disc		
	Find		≋F





- Cross platform documents
 - Nearly all common file formats are cross platform
 - MS Office files saved in Windows will open on Mac & vise versa
 - A .jpg, .gif, .png, etc saved in Windows will open on a Mac & vise versa
 - Exceptions
 - Programs that are unique to either OS
 - Many times this can be overcome



Cross platform applications ightarrow GraphicConverter Free • Will convert to/from **TONS** of formats



IFF/LBM (*.IFF)
IMG/XIMG (*.IMG)
155 (+.155)
JIF (* JIF)
✓ JPEG/JFIF (* JPG,* JPEG)
KISS CEL (*.CEL)
LOCO (*.LOCO)
LWF (LuraWave®) (*.LWF)
MacPaint (*.MAC)
Mobil Phone NGG (*.NGG)
Mobil Phone NOL (* NOL)
MonkeyCard (*.PDB)
MonkeyLogo (*.PDB)
MooV - QuickTime Movie (*.MOV)
PBM/PGM/PPM (*.PBM,*.PGM,*.PPM)
PCD - Photo CD (*.PCD)
PCX/SCR (*.PCX)
PGPF Sony Clie (*.PRC)
PICS - PICT Sequence (*.PICS)
PICT (*.PICT,*.PCT)
PICT from Resource
PNG (*.PNG)
ppat
PSD - Photoshop (* PSD)
PSION (PIC)
PSION 5 (MBM) (*.MBM)
RAW (*.RAW)
Resource (*.RSRC)
RTF - Rich Text Format (*.RTF)
SGE (*.SGI)
Slices (*.HTML)
Softimage
STAD (*.PAC)
Startup Screen
SUN - Rasterfile (*.SUN)
SWF - Shockwave Flash Image (*.SWF)
System 7 Clipping (*.CLP)







Cross platform applications ightarrowMacLinkPlus

Converts the rest



00	MacLinkPlus Deluxe					
Add	Remove	Translate	Decompress	N	settings	Quick Tips
		Drag	files here, or click *	Add"		
ginal File:						
Destin	nation Folder					







Cross platform applications

- Virtual PC
- If you can't convert the file, open it IN Windows, running on a Mac







- Cross platform applications
 - The most common application/file format that is NOT cross platform is....
 - Microsoft Access
 - Instead, use FileMaker Pro, which is cross platform







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



