



Mac OS X “Gee Whiz!”



The University of Utah

Student Computing Labs



Mac OS X Gee Whiz!

The University of Utah
Student Computing Labs
Macintosh Support
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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

iChat

Set up a new iChat Account

To set up iChat enter the information below.

Enter your Mac.com email address and password. Or, you can enter an AOL Instant Messenger (AIM) screen name and password.

First Name:

Last Name:

Account Type:

Account Name: @mac.com

Password:



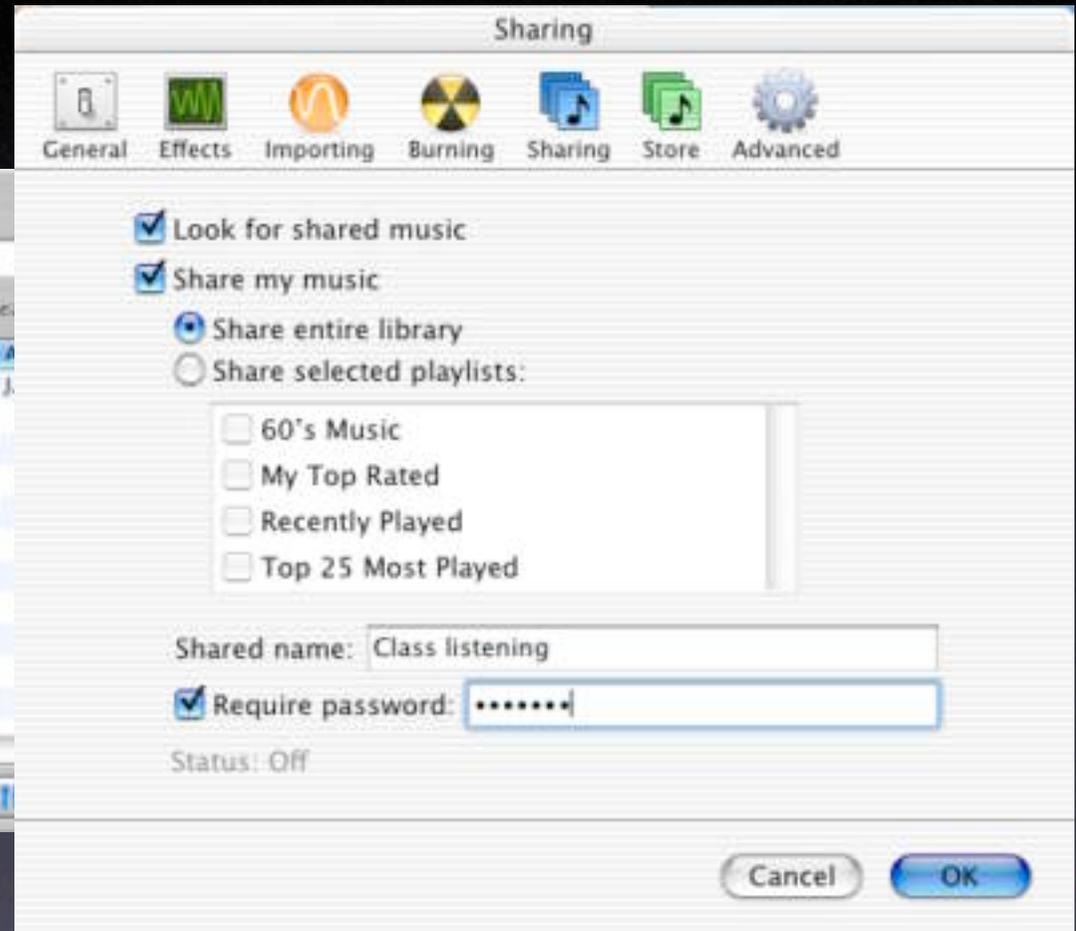
- How to share files to students in a classroom without turning on file sharing
 - Open iChat and setup like before
 - Select a file, drag it onto the person you want to give it to
 - P2P file transfer done legally!



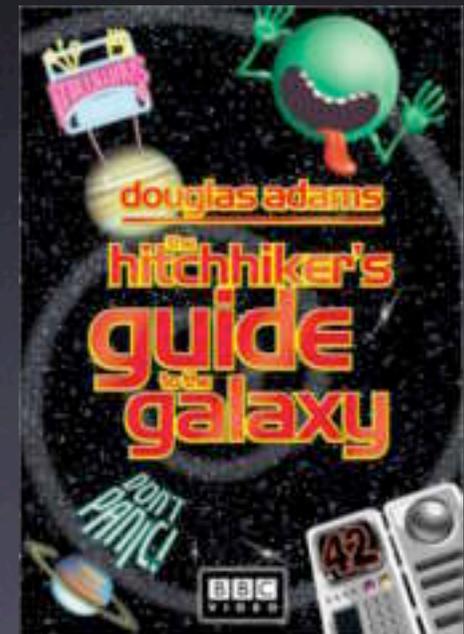
- How to share audio files
 - Open iTunes
 - Drag audio file into iTunes
 - Open menu “iTunes” then “Preferences”
 - Click on “Sharing”
 - Check “Share my music”
 - Etc.,,



- Let's try it



- 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

C

C++

CSS

HTML

Java

JavaScript

LaTeX

Obj-C

Pascal

Perl

PHP

Python

Ruby

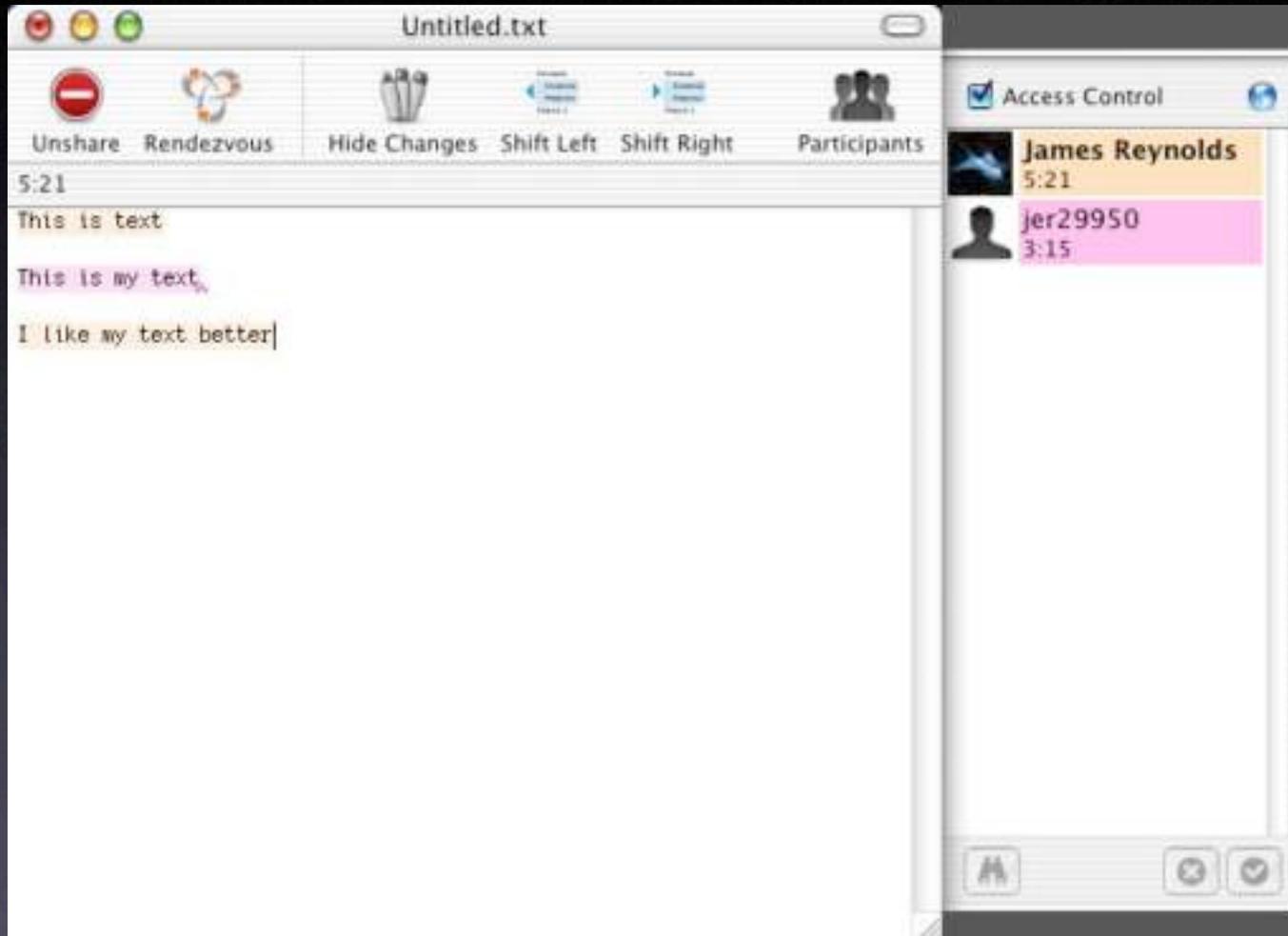
SQL

TCSH

XML

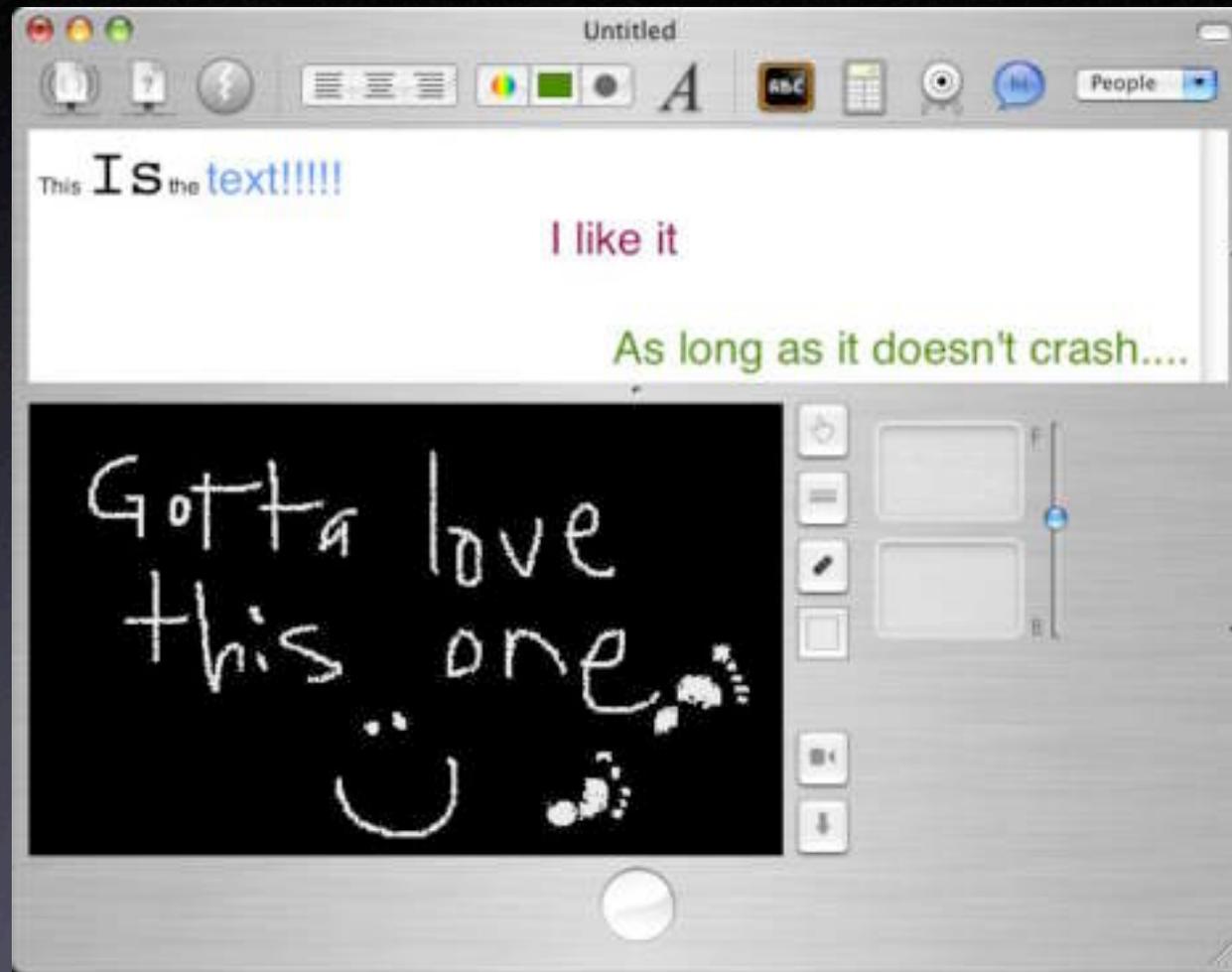


- Let's try it



- Real-time text editing: iStorm
 - Very similar to SubEthaEdit
 - Crashes a little too much right now
 - Unique features
 - Text formatting
 - Chalkboard
 - Chat built in
 - Voice messages
 - Calculator and LaTeX generator





Common Tasks

- Create PDF's
- Shrink PDF's
- Purchase Music
- Video Chat
- Burn CD's & DVD's
- Import video/photographs
- 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

Printer: MMC Staff (AT No Queue)

Presets: Standard

Copies & Pages

Copies: 1 Collated

Pages: All
 From: 1 to: 1

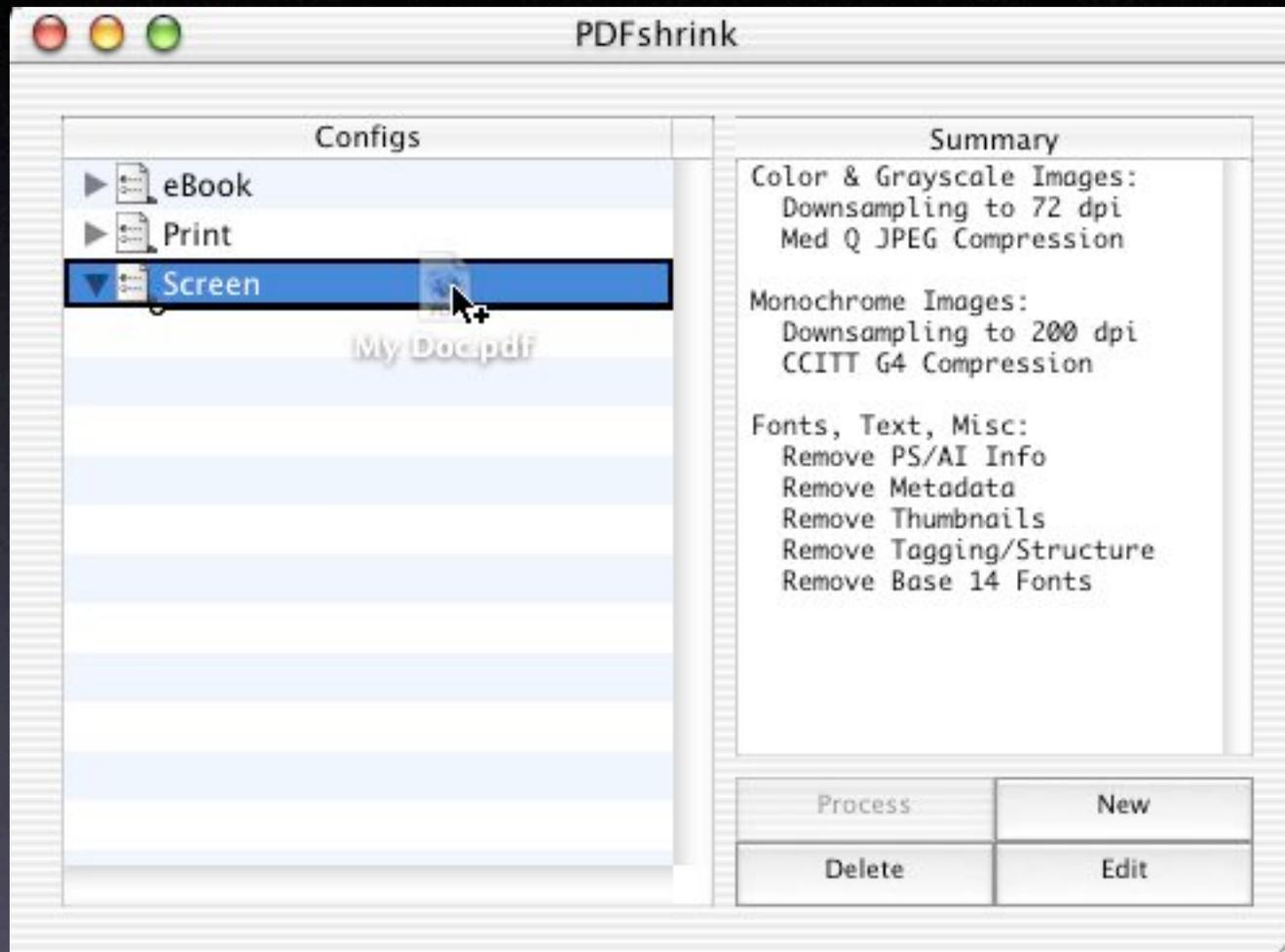
? Preview Save As PDF... Cancel Print



- Shrink PDF's
 - PDF's that include scanned images are HUGE
 - Shrink them with PDFShrink
 - 3 targets
 - eBook
 - Print
 - Screen
 - Drag PDF to desired target



- Let's try it



- 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



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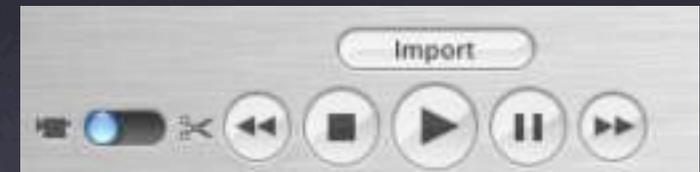
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- Plug and Play USB and Firewire
 - Just plug it in
 - Hot swappable
 - USB ports on keyboard and back of CPU
 - Firewire ports on back of CPU
 -
 - Let's try it



- 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



- Import photographs
 - 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



- DVD movie

- Data



- Can not burn “DVD+...”



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



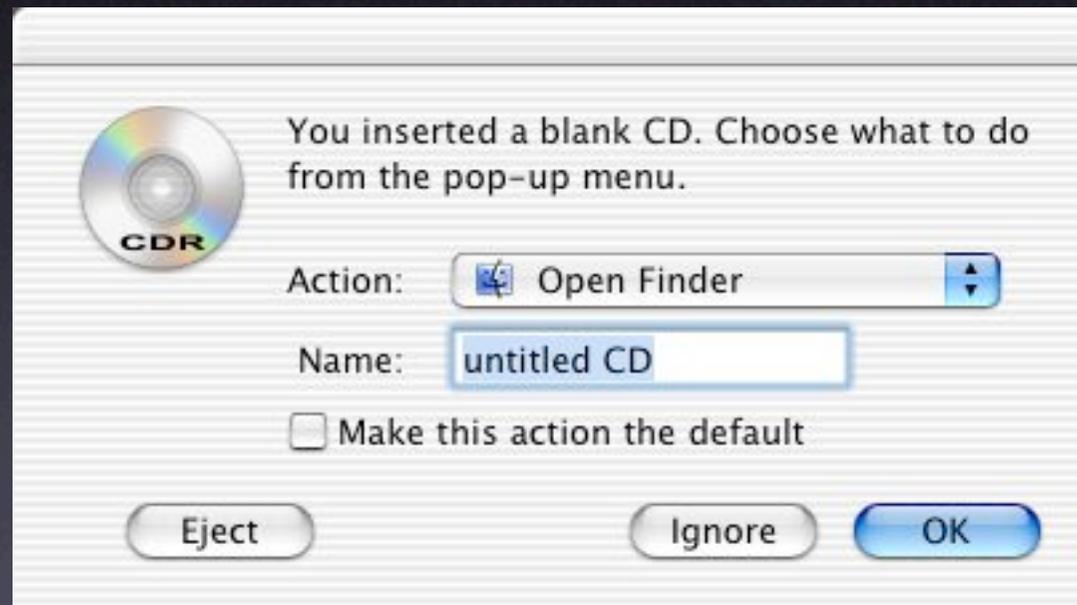
- To burn DVD movie
 - Create an iMovie movie
 - Or create an iPhoto slideshow
 - Export to iDVD
 - Open iDVD
 - Create chapters and interface
 - Burn DVD movie



- 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”



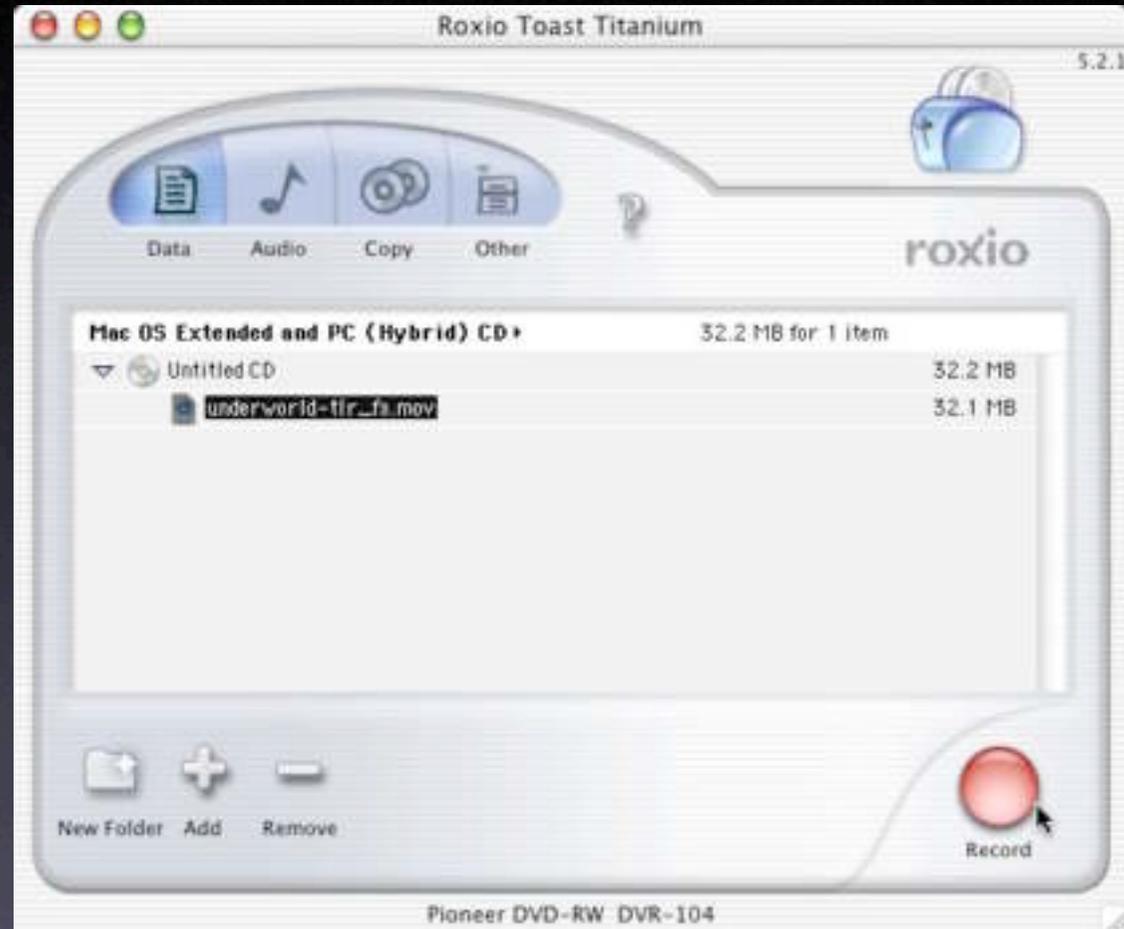
- If you ever see this, choose “Ignore”
- Do not use the Finder to burn CD/DVD’s
- Finder burns Mac only CD/DVD’s



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



- Let's try it



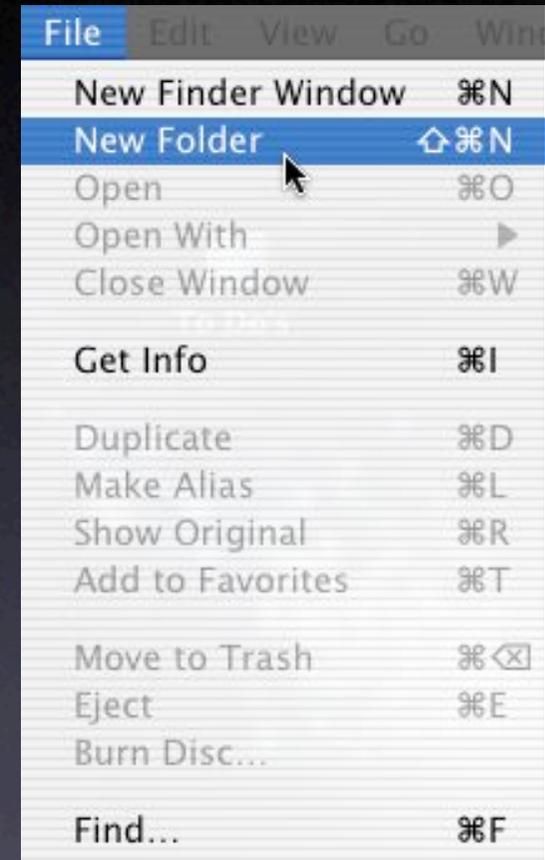
- Power user productivity shortcuts
 - Check menus for keyboard shortcuts

⌘ – Command key
aka  (Apple key)

⌥ – Option key

⌘ – Control key

⇧ – Shift key

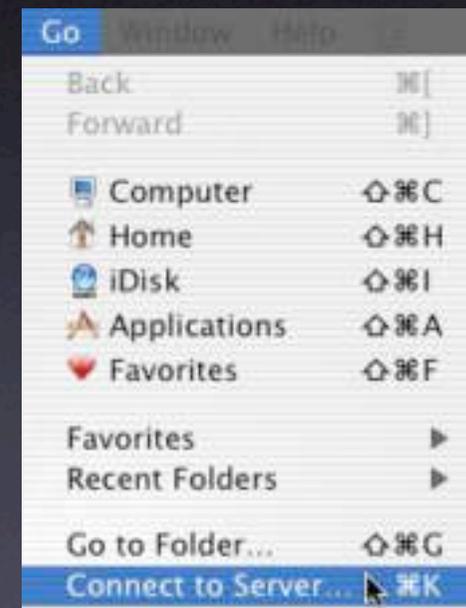


Integrating

- 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



- Enter username and password



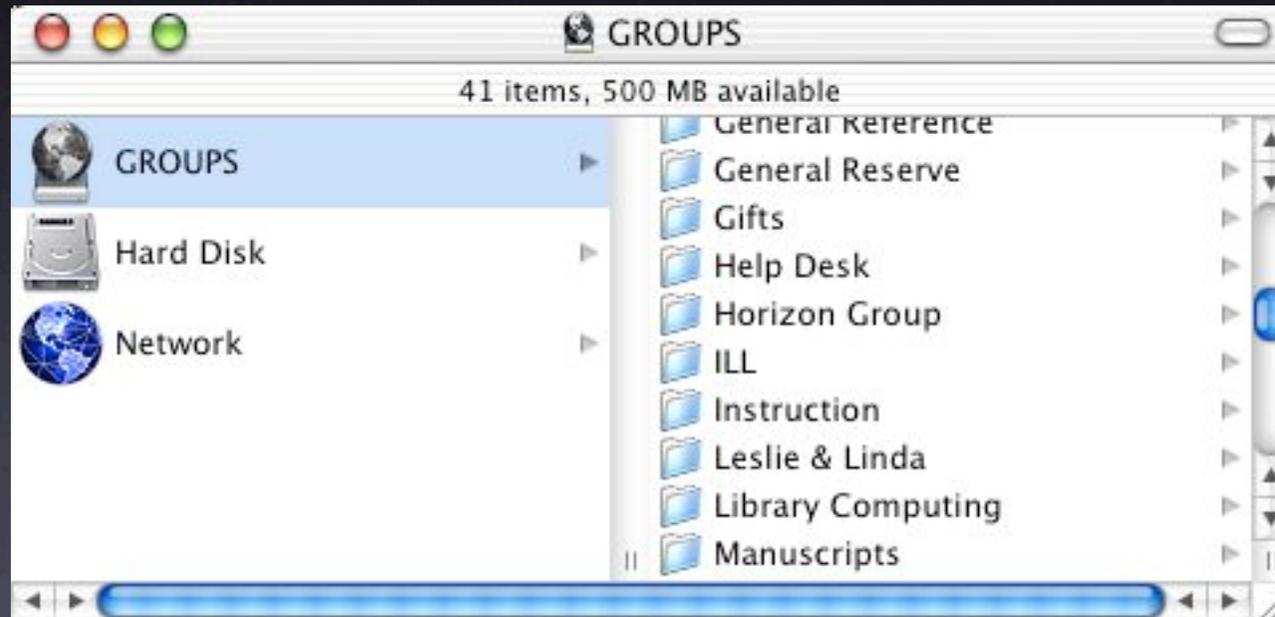
The image shows a macOS-style dialog box titled "SMB/CIFS Filesystem Authentication". It features a red octagonal warning icon with a white exclamation mark on the left. The main text reads "Enter username and password for NAS1-STAFF:". Below this, there are three text input fields: "Workgroup/Domain" containing "STAFF", "Username" containing "jreynolds", and "Password" containing a series of dots. At the bottom left, there is a checkbox labeled "Add to Keychain" which is currently unchecked. At the bottom right, there are two buttons: "Cancel" and "OK", with a mouse cursor hovering over the "OK" button.



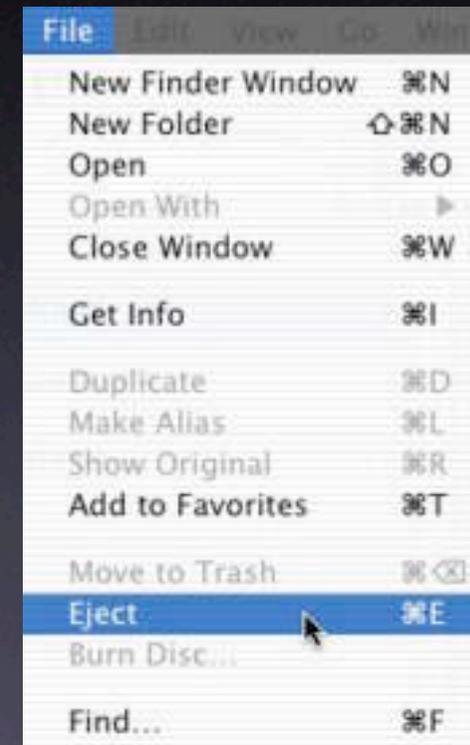
- Select your share



- Find your files



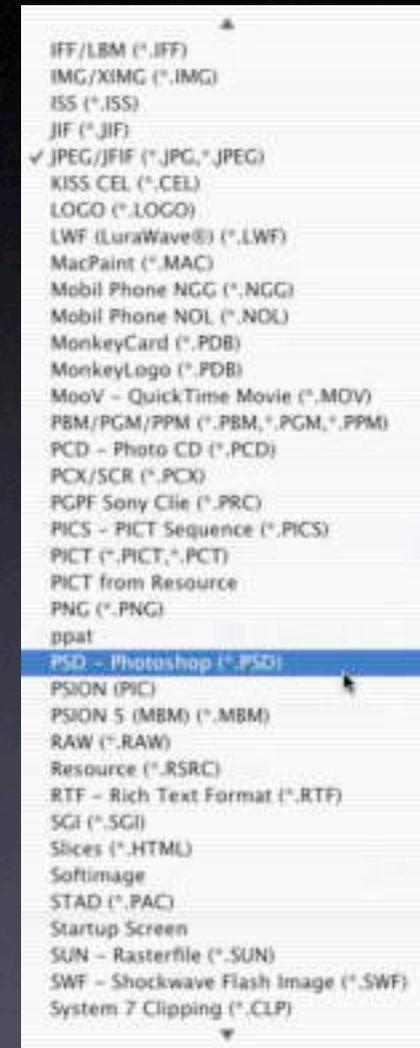
- Dismount server when done
 - Drag icon to trash
 - Or select icon and choose the menu “File” and select “Eject”



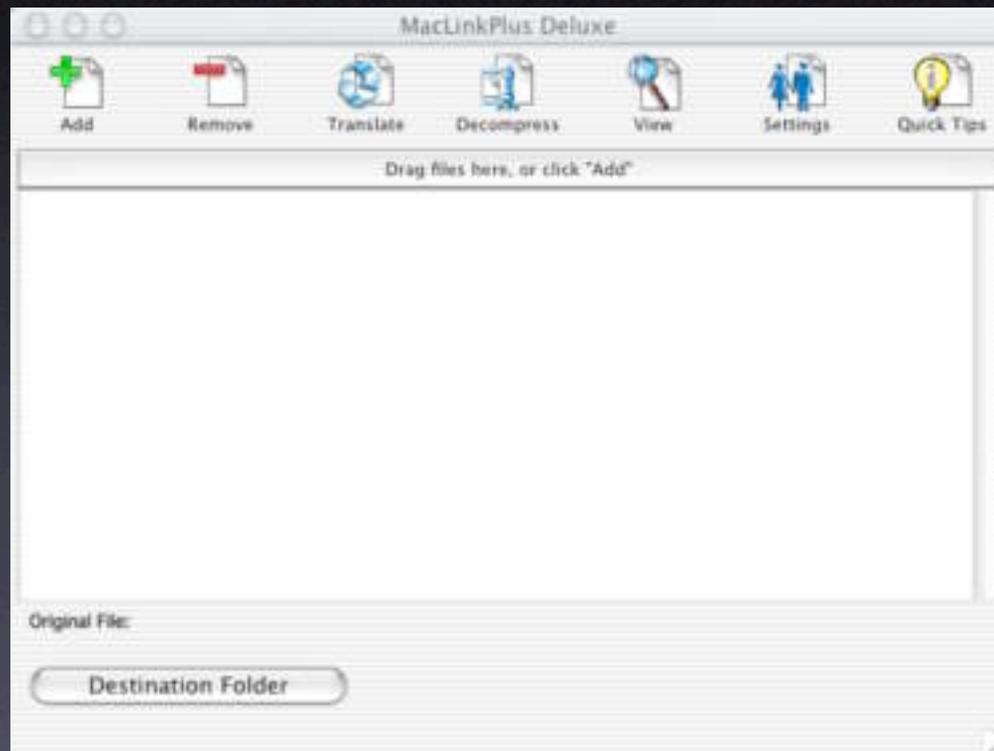
- Cross platform documents
 - Nearly all common file formats are cross platform
 - MS Office files saved in Windows will open on Mac & vice versa
 - A .jpg, .gif, .png, etc saved in Windows will open on a Mac & vice versa
 - Exceptions
 - Programs that are unique to either OS
 - Many times this can be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



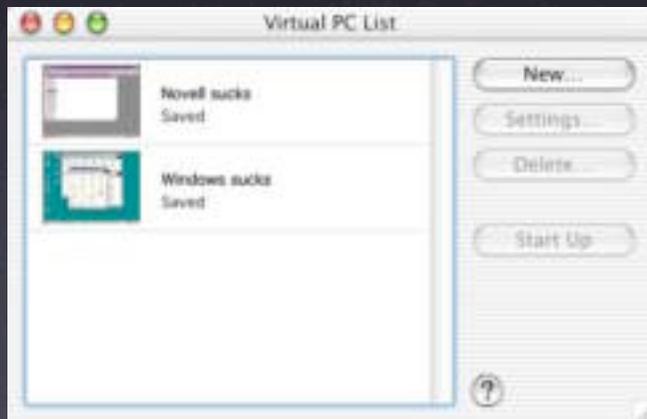
- Cross platform applications
- GraphicConverter
 - Free
 - Will convert to/from TONS of formats



- Cross platform applications
 - MacLinkPlus
 - Converts the rest



- 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.



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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



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