

How to Run MacBenesh Under Mac OS X

Arthur Ryman, Dancwrite

International BenMove Congress, Paris, 2017-07-06

About Me

- **Arthur Ryman** is an independent software consultant currently developing a cloud-based web application for a major US water management company
- His involvement with Benesh Movement Notation began around 1984 when he collaborated with his sister **Rhonda Ryman Kane** and his future wife **Robyn Hughes Ryman** on the development of the MacBenesh editor
- He previously worked at the IBM Canada Laboratory from 1982 until his retirement from IBM in 2015
- He obtained a Ph. D. in Mathematics from Oxford University in 1975

Agenda

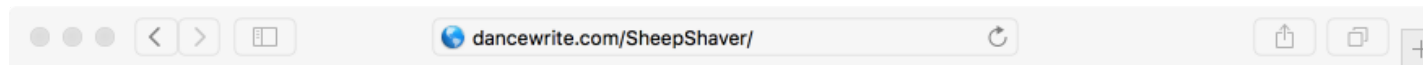
- Introduction
- SheepShaver
- MacBenesh
- Moving files between OS X and OS 9
- Printing to PostScript files
- MS Word 6
- FileType
- Copying files from floppy disks

Introduction

- MacBenesh let's you create, edit, and print high-quality Benesh Movement Notation (BMN) scores on Mac OS 9
 - OS X Tiger and earlier could run OS 9 applications in Classic mode
 - OS X Leopard (2007) and later could NOT run OS 9 applications
- Some MacBenesh users kept their old hardware running so they could keep using the application
- Fortunately SheepShaver lets you run MacBenesh, and other OS 9 applications, on modern OS X hardware
 - We are grateful **Sergei Konaev**, the archivist at the Bolshoi Ballet, who brought this to our attention on 2015-02-07!

Workshop Resource Page

- The best way to benefit from this session is to download the MacBenesh virtual machine onto your own MacBook and follow along during the workshop
 - We can also resolve any problems you hit
- This presentation and all related files are available from:
 - <http://dancewrite.com/SheepShaver/>



Downloads for How to Run MacBenesh Under Mac OS X

Arthur Ryman, 2017-07-05

This page contains links to information and files for running MacBenesh under Mac OS X.

SheepShaver Virtual Machine Package

This package contains a fully configured, portable SheepShaver virtual machine. It's all you need to run MacBenesh under Mac OS X. Simply download and unzip the package, then double-click the SheepShaver icon named `macbenesh-machine.sheepvm`.

- [macbenesh-machine.sheepvm.zip](#) (145.9 MB)

Presentation

This presentation, titled *How to Run MacBenesh Under Mac OS X*, was prepared for the [BenMove Congress](#), Paris, 2017-07-06. It describes how to use SheepShaver to run MacBenesh under Mac OS X. It explains where to obtain all the necessary components, how to install and configure them, and how to use MacBenesh with them.

- [macbenesh-osx.pptx](#) (3.7 MB) - PowerPoint
- [macbenesh-osx.pdf](#) (3.0 MB) - PDF

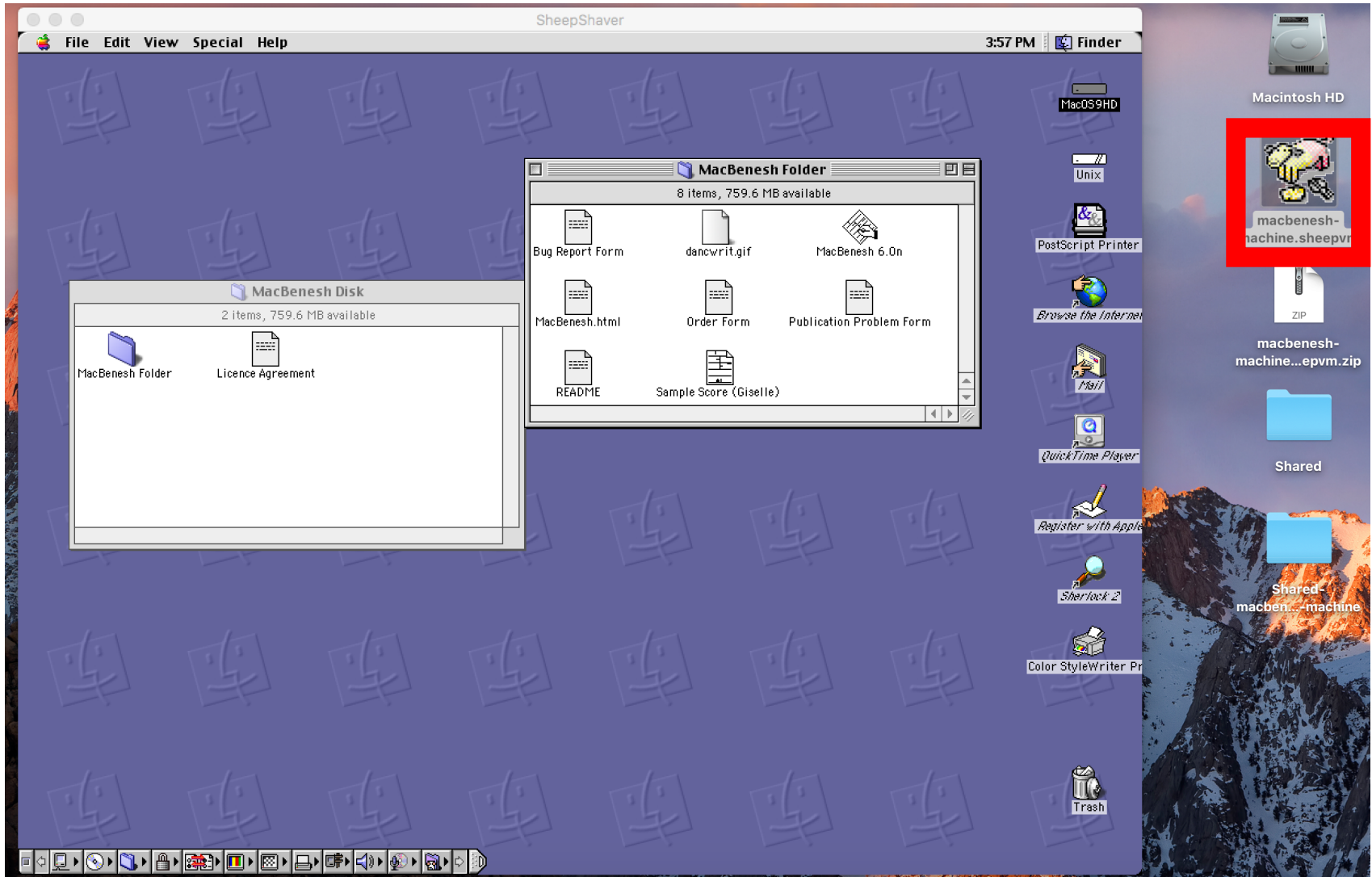
All Component Files

This archive contains all the individual components such as SheepShaver, Mac OS 9, MacBenesh, MS Word, FileType, and CarbonLib required to create the virtual machine package. Download and unzip this archive then follow the instructions in the presentation if you'd like to create the virtual machine package yourself.

- [macbenesh-osx-files.zip](#) (431.4 MB)

The MacBenesh Virtual Machine Package

- I have previously created a fully configured SheepShaver virtual machine package for MacBenesh
 - It contains SheepShaver, Mac OS 9, MacBenesh, MS Word, and other goodies
- Download (or copy from a USB flash drive)
 - macbenesh-machine.sheepvm.zip
- Unzip it onto your desktop and double-click the SheepShaver icon
 - SheepShaver will launch and you'll see an OS 9 desktop in a new window
- The **only** additional thing you need to do is configure the Shared folder
 - We'll do that later
- You can **ignore** the other installation and configuration instructions



How the Virtual Machine Package was Created

1. Install SheepShaver in OS X
2. Install Mac OS 9 under SheepShaver
 1. Create Shared folder to move files between OS X and OS 9
3. Install MacBenesh under OS 9
 1. Create virtual PostScript Desktop Printer
4. Install MS Word 6 under OS 9
5. Install FileType under OS 9

If After the Workshop You Want to Create the Virtual Machine Package Yourself...

- For your convenience, all of the files that you need to create the virtual machine package have been assembled into a single zip file:
 - [macbenesh-osx-files.zip](#)
- Unzip `macbenesh-osx-files.zip` to your OS X machine
 - The folder named `macbenesh-osx-file` will be created
- See the end of this presentation for links to where the components of `macbenesh-osx-files.zip` were obtained
 - You can download the components yourself from the original sources

macbenesh-osx-files

Search

Favorites:

- Dropbox
- Google Drive
- iCloud Drive
- AirDrop
- Applications
- Desktop
- Downloads
- Documents
- Pictures
- arthurryman
- Movies
- Music

Devices:

- Shared

Name	Date Modified	Size	Kind
Apple MacOS 9.0.4.iso	Jan 19, 2009, 3:45 AM	665.8 MB	ISO Disk Image
Aurora	May 22, 2006, 10:51 PM	25 KB	Unix executable
CarbonLib 1.6.smi	Jun 20, 2002, 8:00 PM	3.1 MB	Self Mounting Image
D241 Sample Final F00	May 22, 2006, 10:51 PM	168 KB	Unix executable
FileType_1.0.1.sit	Dec 5, 2009, 8:02 PM	635 KB	Stuffit Archive
mb60n.sit	Jun 22, 2017, 2:56 PM	301 KB	Stuffit Archive
msword601 Install Disks	Jun 22, 2017, 6:01 PM	--	Folder
Install Disk 1	Today, 2:05 PM	--	Folder
Install Disk 2	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 3	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 4	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 5	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 6	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 7	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 8	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 9	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 10	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 11	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 12	Jun 22, 2017, 5:58 PM	--	Folder
Install Disk 13	Jun 22, 2017, 5:58 PM	--	Folder
SheepShaver	Yesterday, 5:27 PM	--	Folder
keycodes	Nov 30, 2005, 9:38 AM	7 KB	TextEdit.app Document
Mac OS ROM	Jul 6, 2006, 10:44 PM	1.9 MB	TextEdit.app Document
ReadMeFirst.txt	Feb 2, 2014, 12:19 AM	6 KB	Plain Text Document
Setup Manual.webloc	Oct 24, 2010, 10:38 PM	735 bytes	HTML document
SheepShaver scripts	Yesterday, 5:26 PM	--	Folder
SheepShaver.app	Feb 1, 2014, 10:07 PM	5.9 MB	Application

27 items, 352.38 GB available

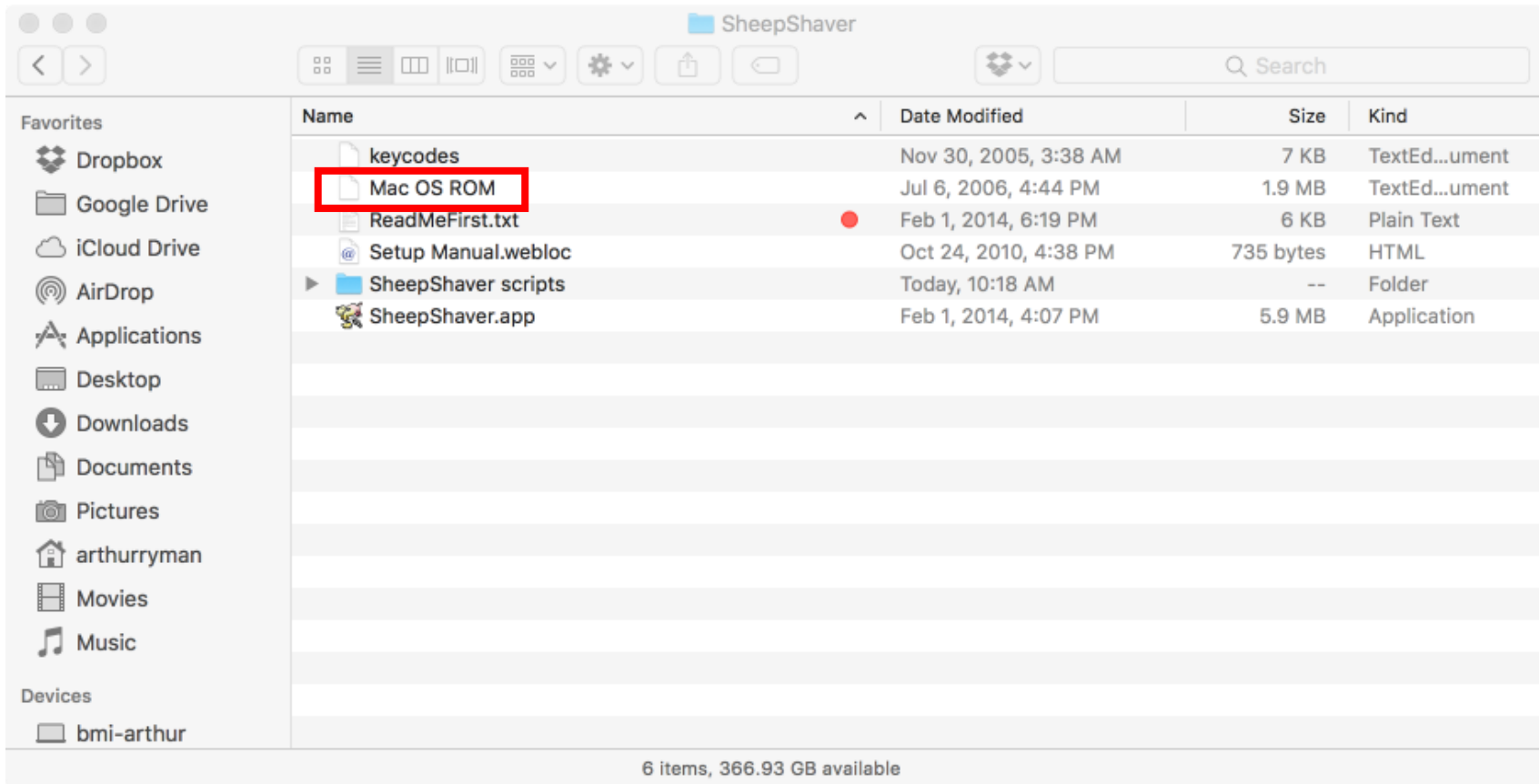
1. SheepShaver

Install SheepShaver

- SheepShaver is an OS X application that emulates a PowerPC so you can run OS 9 applications again
- Copy the SheepShaver folder from `macbenesh-osx-files` into your `Applications` folder

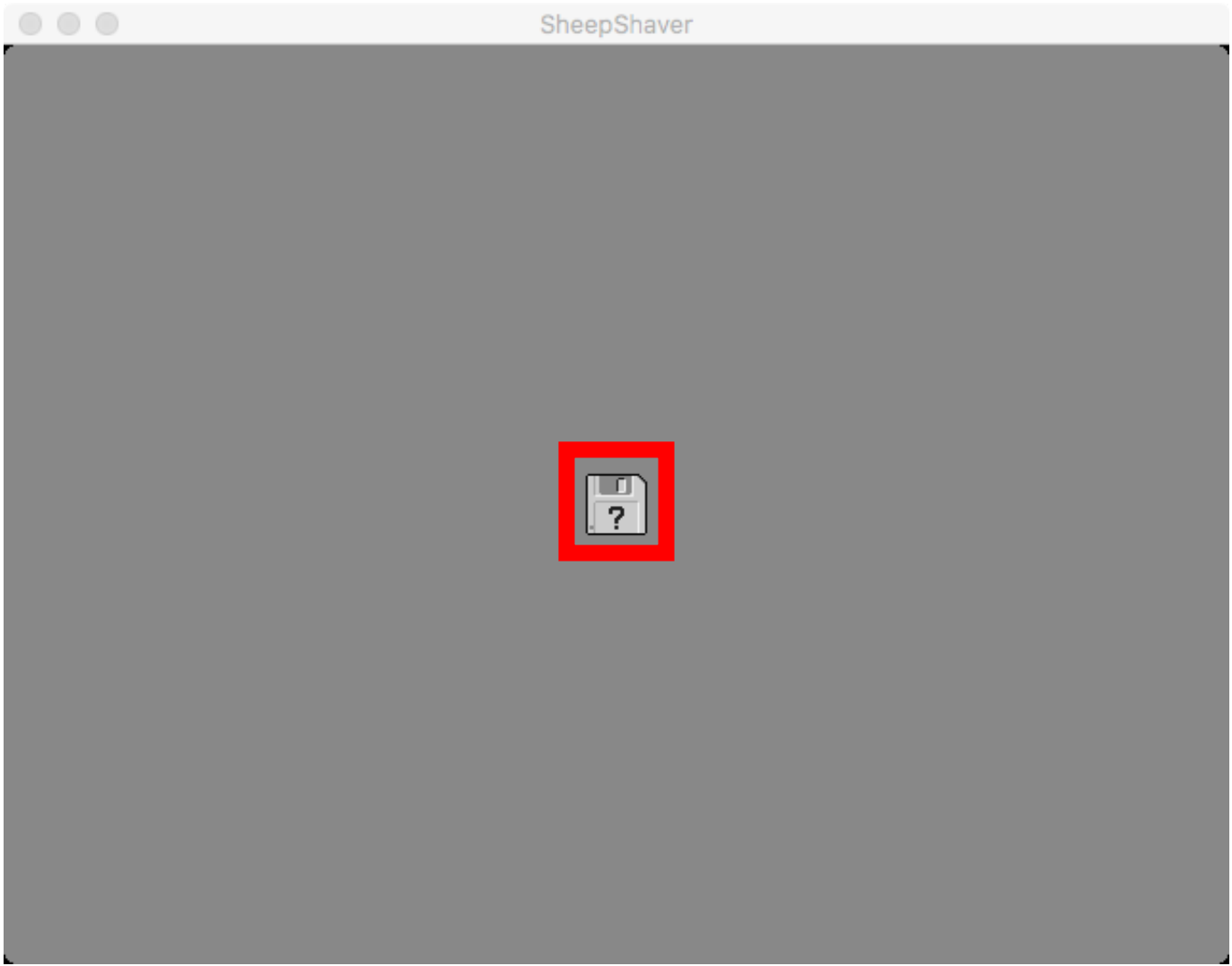
Note About the Mac OS ROM File

- The SheepShaver application will quit immediately unless it finds a ROM file
- Apple regarded their ROM file as proprietary and asked the developer of SheepShaver to not distribute it
- I have already obtained and copied the Mac OS ROM file into the SheepShaver folder to simplify the installation process



Launching SheepShaver

- You can now launch SheepShaver but you'll just see the diskette icon with a flashing question mark prompting you to install OS 9
- At this stage the only way to quit SheepShaver is by pressing Control-Escape
- Note that you may have to modify the Security Preferences for the application to allow SheepShaver to run



2. Mac OS 9.0.4

Locking the Mac OS 9.0.4 CD image file

- Apple MacOS 9.0.4.iso is a CD image file that contains the Mac OS 9.0.4 installer
 - Copy MacOS 9.0.4.iso from macbenesh-osx-files to the Desktop
 - DO NOT double-click it since that will mount the CD image in OS X!
- The CD image file must be read-only since real CDs are read-only
 - Select Apple MacOS 9.0.4.iso in Finder
 - Open the Get Info dialog box.
 - Check the Locked checkbox.

Apple MacOS 9.0.4.iso Info

Apple MacOS 9.0.4.iso 665.8 MB
Modified: Sunday, January 18, 2009 at 9:45 PM

Add Tags...

▼ General:

Kind: ISO Disk Image
Size: 665,770,496 bytes (665.8 MB on disk)
Where: Macintosh HD › Users › arthurryman › Documents › BenMove › Software to Install › Apple Mac OS 9.0.4
Created: Sunday, January 18, 2009 at 9:45 PM
Modified: Sunday, January 18, 2009 at 9:45 PM

Locked

▼ More Info:

Last opened: Today, 4:06 PM

▼ Name & Extension:

Apple MacOS 9.0.4.iso

Hide extension

▼ Comments:


▼ Open with:

DiskImageMounter.app (default)

Use this application to open all documents like this one.

Change All...

▼ Preview:



▼ Sharing & Permissions:

You can only read

The Shared Folder

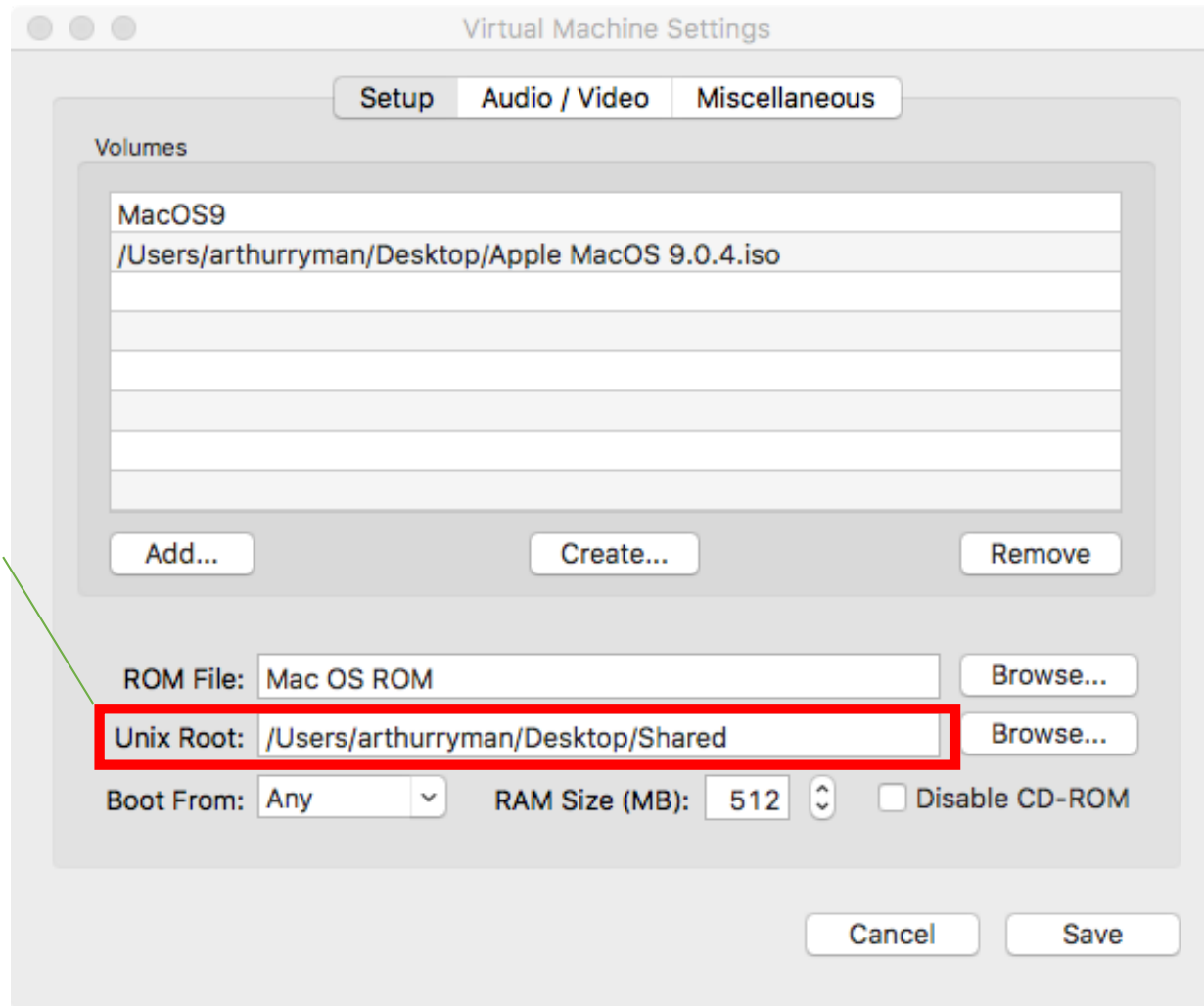
- Create a folder named `Shared` on your OS X Desktop
 - This folder will appear as a folder named `Unix` in OS 9
- Use this folder to move files between OS X and OS 9.
- For example, when you print a `MacBenesh` score in OS 9, save the PostScript output file to the `Unix` folder, then go to OS X and drag it out of the `Shared` folder
- Use this folder only as a temporary place for transferring files
 - DO NOT run OS 9 applications from the `Unix` folder

Configuring **SheepShaver** Virtual Machine Settings

- Launch **SheepShaver** and select the **Preferences** menu item from the **SheepShaver** menu to open the **Virtual Machine Settings** dialog box
- Configure the settings in each of the the three tabs as per the following slides:
 - **Setup**
 - **Audio/Video**
 - **Miscellaneous**

Virtual Machine Settings - Setup

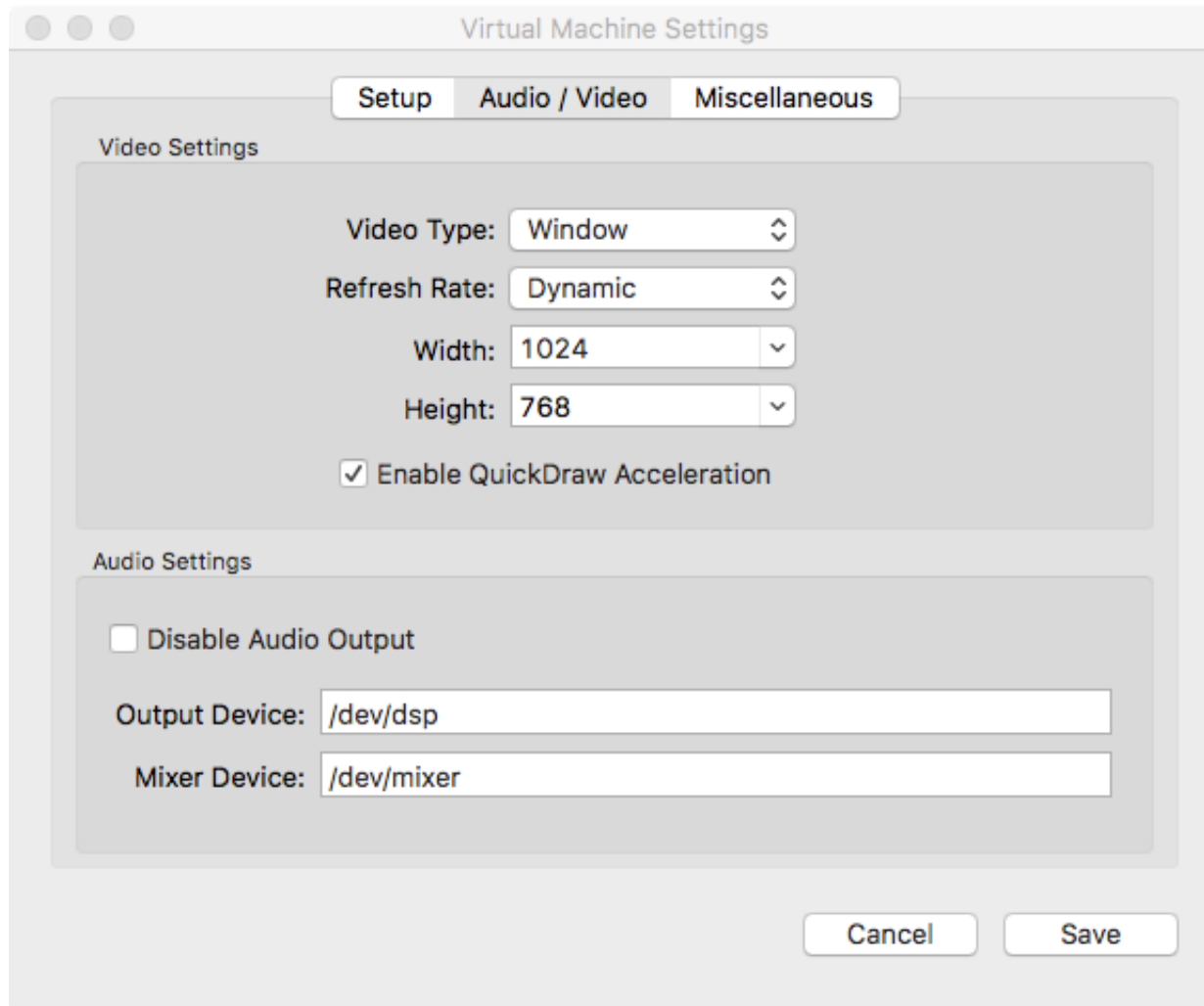
- Click the Create... button to create the disk image file for the virtual hard disk of the emulated Mac:
 - Save As: MacOS9 in the SheepShaver folder
 - Volume Size (MB): 1000
- Click the Add... button and select the Apple MacOS 9.0.4.iso file you copied to the Desktop
- ROM File: Click the Browse... button and select the Mac OS ROM file
- Unix Root: Click the Browse... button and select the Shared folder
- RAM Size (MB): 512



Select the Shared folder you created

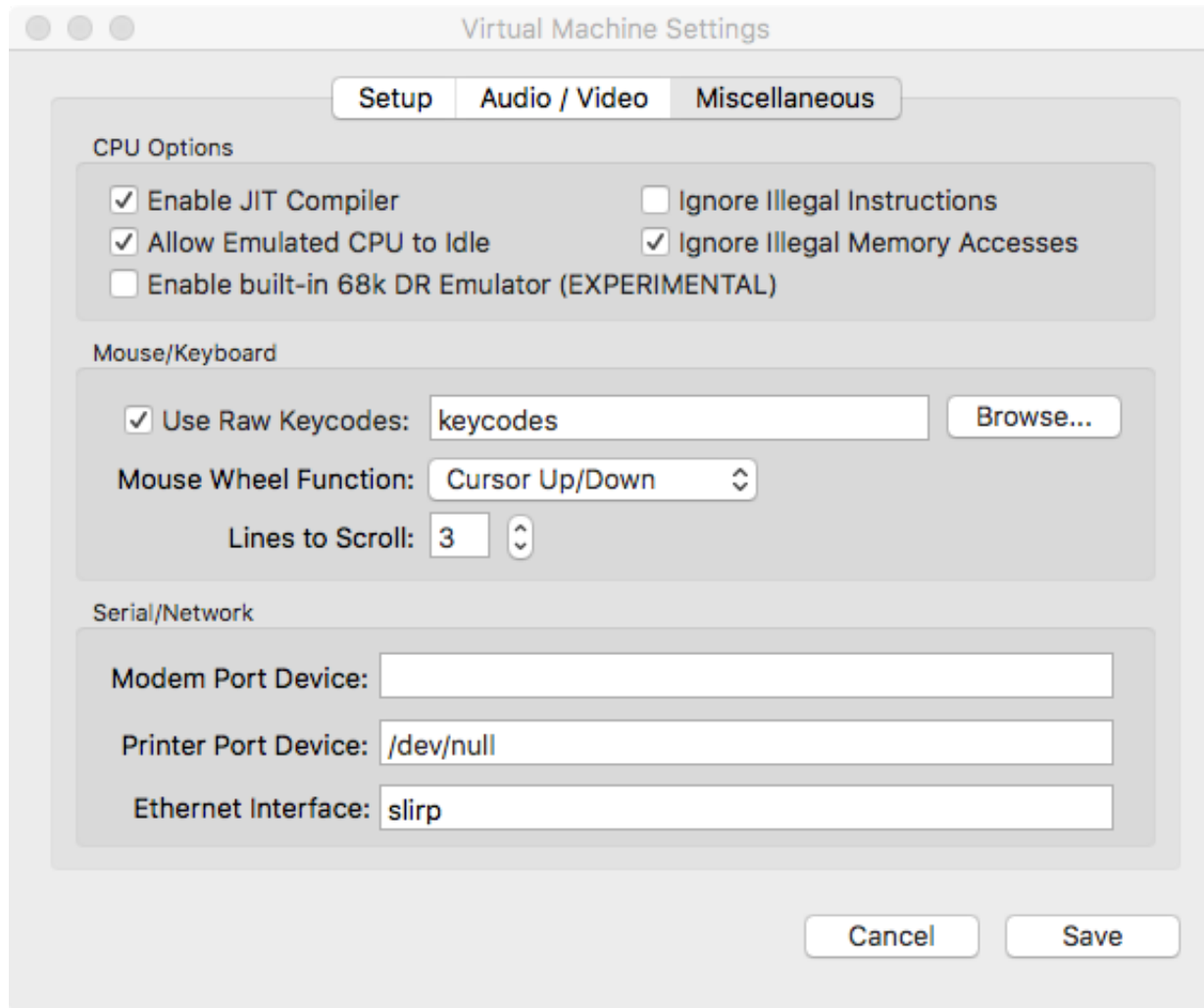
Virtual Machine Settings – Audio/Video

- Video Settings
 - Video Type: Window
 - Refresh Rate: Dynamic
 - Width: 1024
 - Height: 768
 - Enable QuickDraw Acceleration: checked
- Audio Settings
 - Ignore these



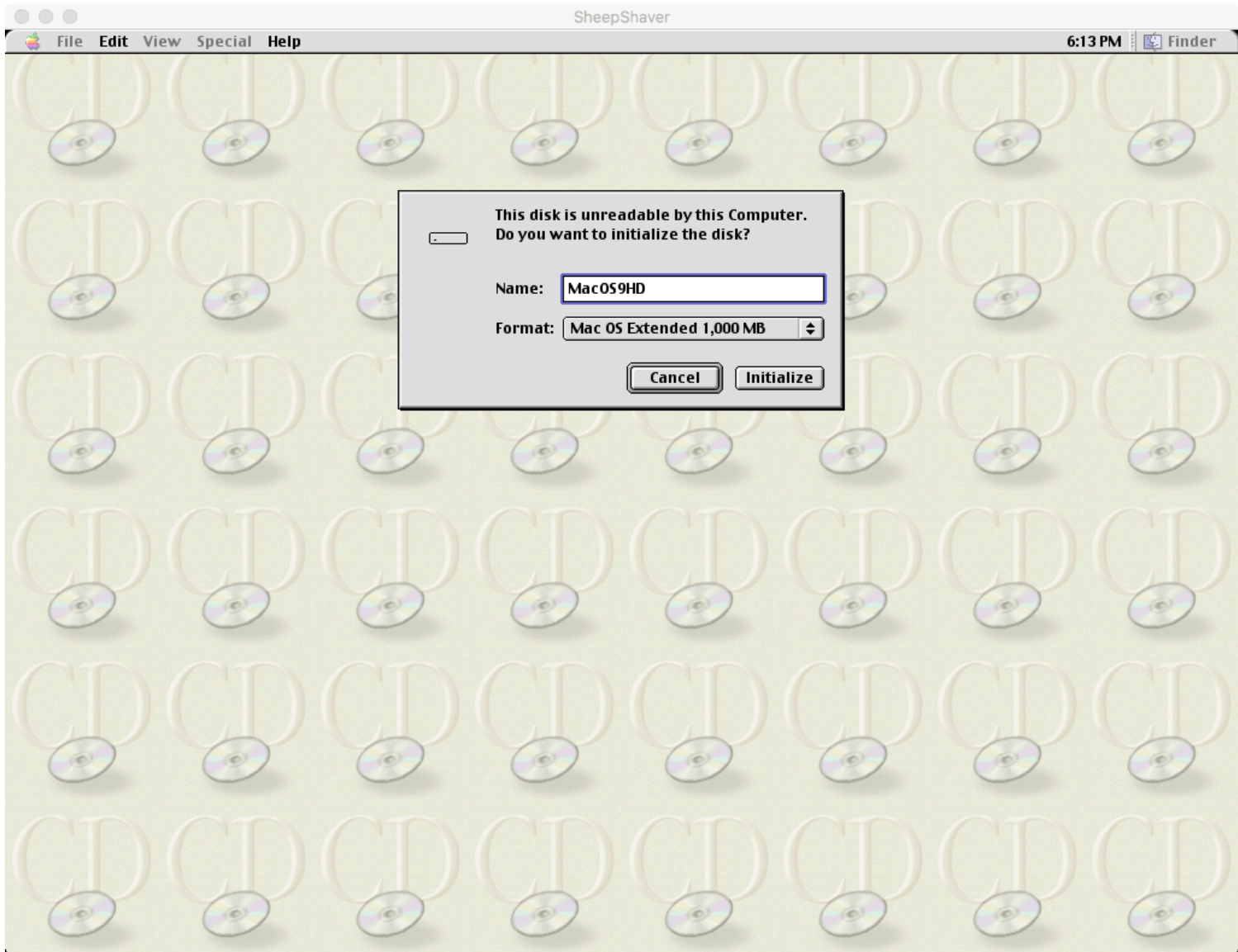
Virtual Machine Settings - Miscellaneous

- CPU Options – check the following
 - Enable JIT Compiler
 - Allow Emulated CPU to Idle
 - Ignore Illegal Memory Access
- Mouse/Keyboard - for non-US keyboards
 - Use Raw Keycodes: checked
 - Click the Browse... button and select the keycodes file in the SheepShaver folder
- Serial/Network
 - Ethernet Interface: slirp



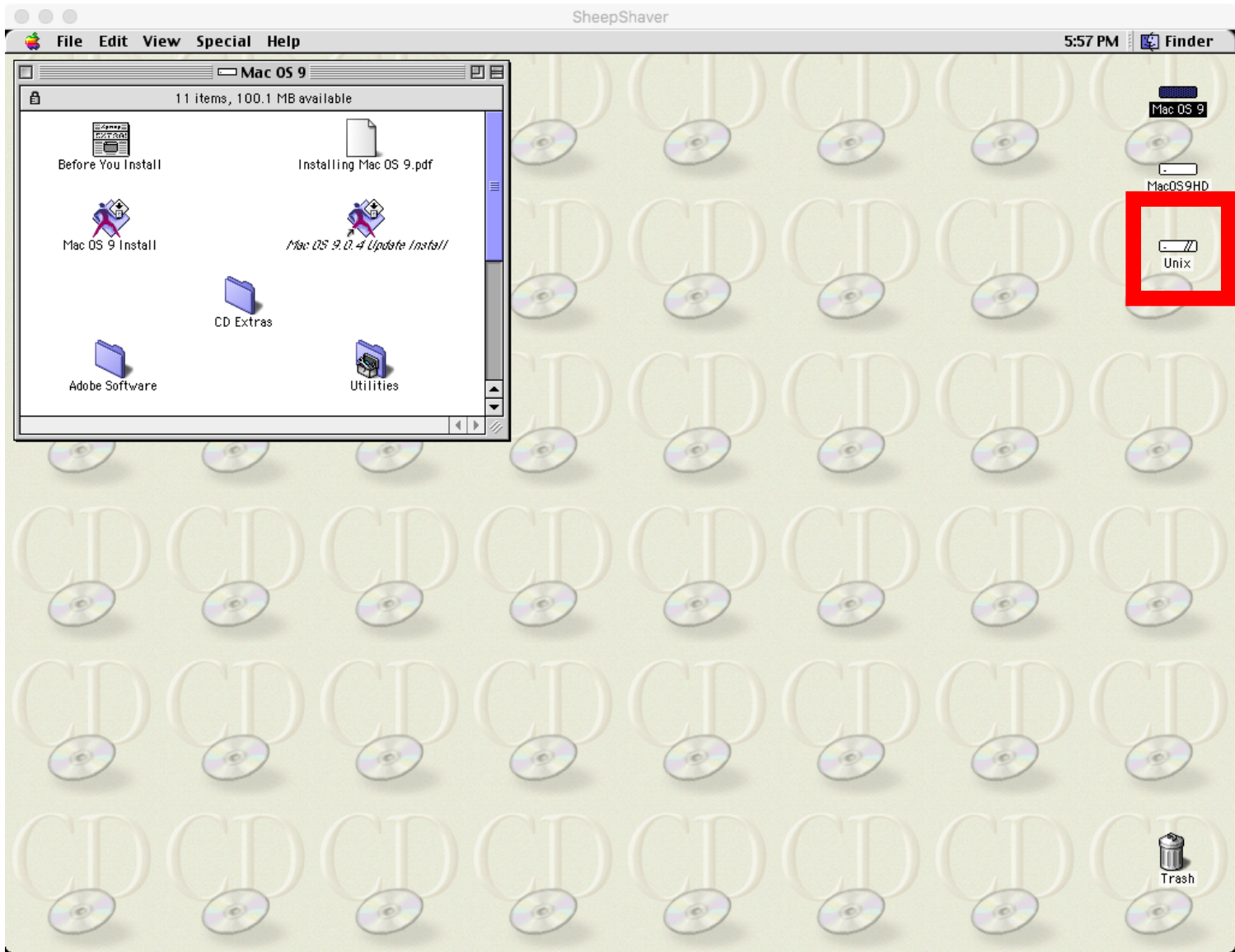
Booting `SheepShaver` from the CD image

- Click the `Save` button to save the `Virtual Machine Settings`
- Press `Control-Escape` to quit `SheepShaver`
- Launch `SheepShaver` again
 - `SheepShaver` boots from the OS 9 CD image and detects an uninitialized hard disk
 - Name the virtual hard disk `MacOS9HD`
 - Select `Mac OS Extended` format
 - Click the `Initialize` button



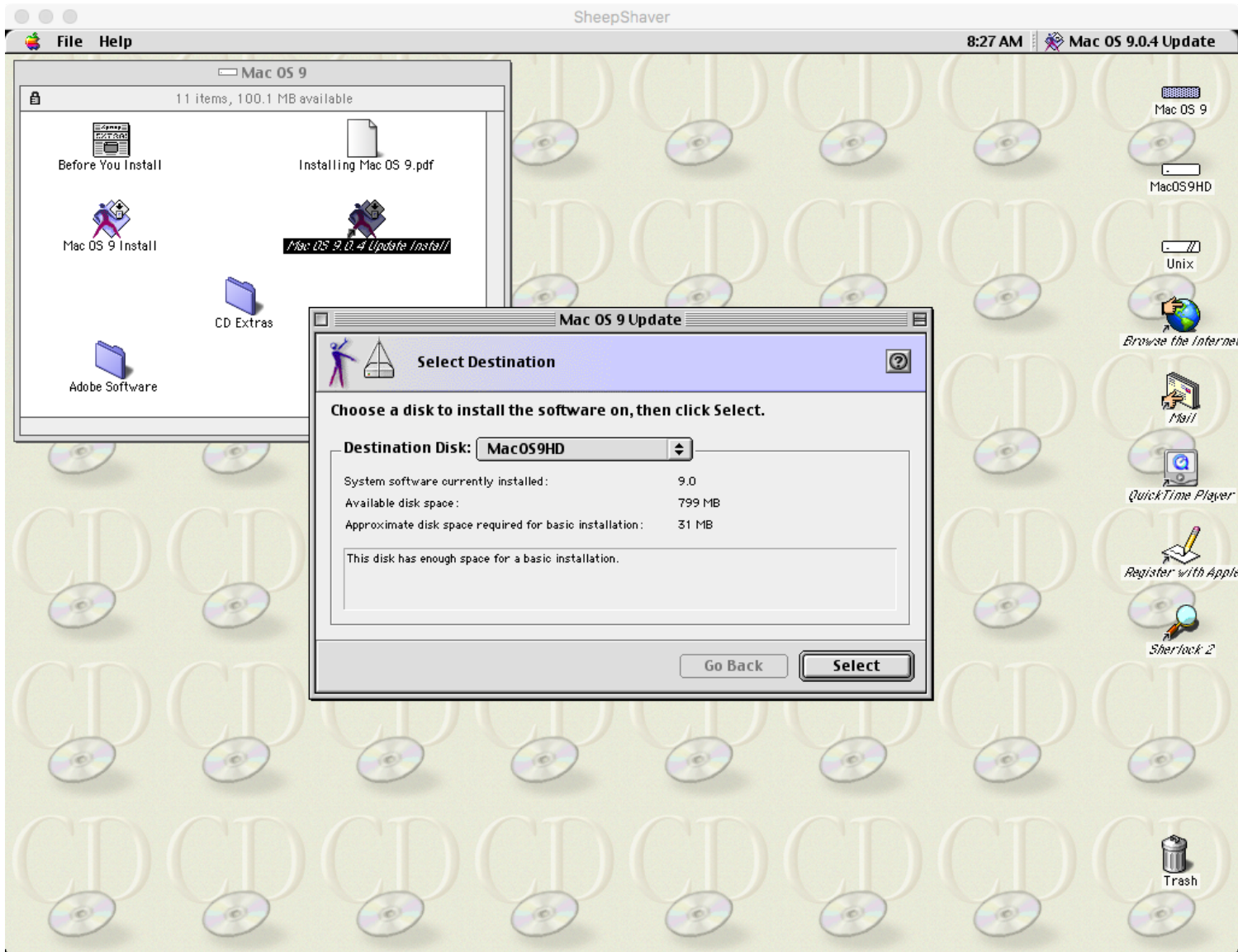
SheepShaver Booted from CD

- After the virtual hard disk MacOS9HD is initialize the usual OS 9 Desktop is displayed
- The CD is mounted as Mac OS 9
 - Double-click it to view its contents
- The CD contains two installers which we need to run
 - Mac OS 9 Install – run this first
 - Mac OS 9.0.4 Update Install – run this next



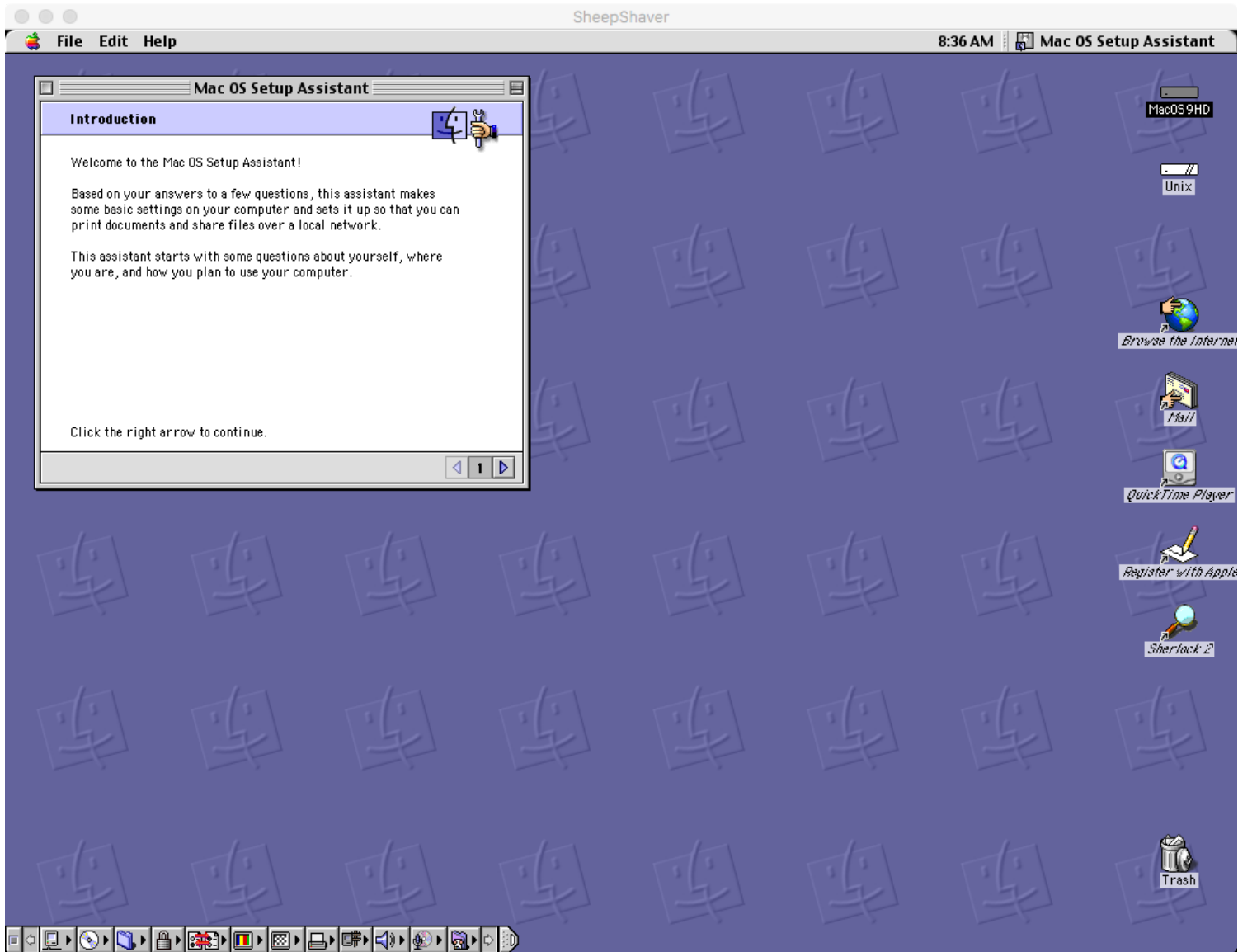
Installing Mac OS 9.0.4

- Double-click the Mac OS 9 Install installer on the Mac OS 9 disk
 - Install Mac OS 9 as usual
 - The installation may appear not to make much progress initially, but be patient
- Double-click the Mac OS 9.0.4 Update Install installer on the Mac OS 9 disk
- Using SheepShaver Preferences, select the Apple MacOS 9.0.4.iso volume and click the Remove button
 - Removing the CD prevents SheepShaver from booting from it the next time you launch SheepShaver
 - You want SheepShaver to boot from the virtual hard disk MacOS9HD from now on
- In OS 9, select the Special -> Shut Down menu item to cleanly shut down the virtual machine
 - SheepShaver quits



Running Mac OS 9 under SheepShaver

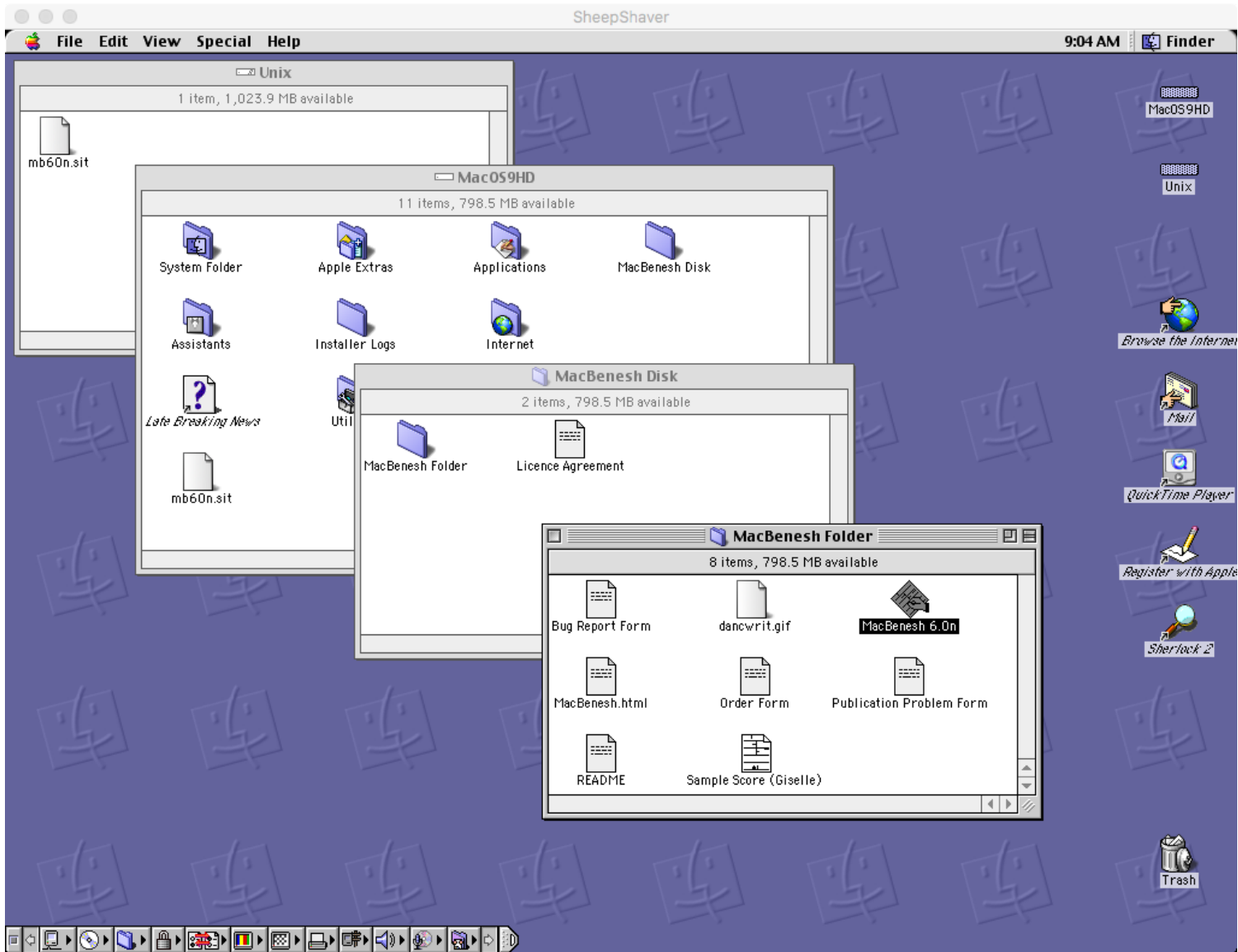
- Launch SheepShaver
 - The virtual machine will now boot from the installed copy of Mac OS 9.0.4 on the virtual disk MacOS9HD
- The Mac OS Setup Assistant runs the first time you boot from the newly installed Mac OS
 - **This program will probably freeze!**
 - To exit SheepShaver press Control-Escape, then launch SheepShaver again
- You now have Mac OS 9.0.4 installed and running
- You can configure network, sound, etc. but you won't need these for using MacBenesh
- You can toggle SheepShaver between window and full-screen display mode by pressing Control-Return



3. MacBenesch 6.0n

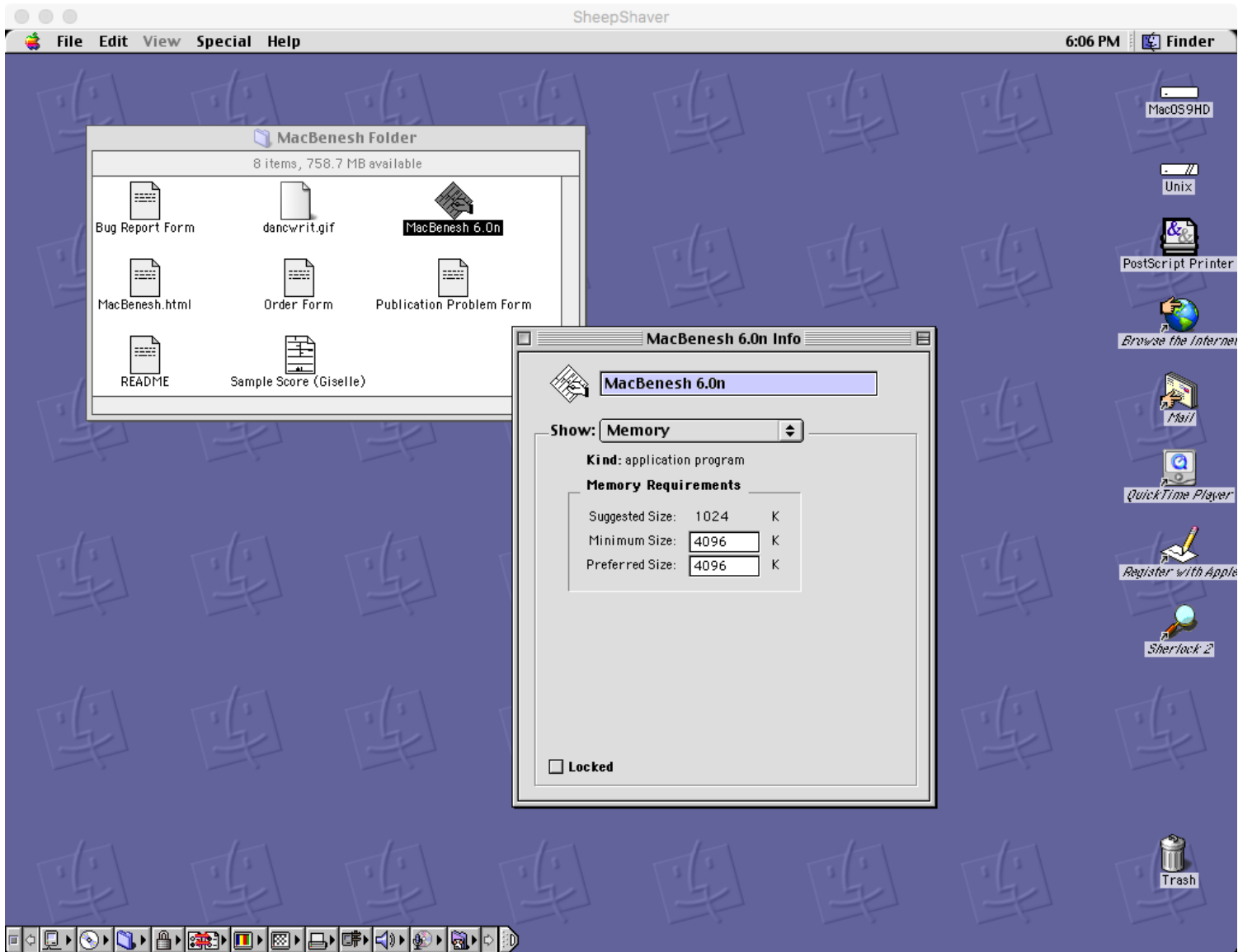
Install MacBenesh

- The latest version is MacBenesh 6.0n
- You should have a file named `mb60n.sit` which is a Stuff-It archive
- In OS X copy `mb60n.sit` from `macbenesh-osx-files` into the OS X Shared folder then in SheepShaver drag `mb60n.sit` from the OS 9 Unix folder into the MacOS9HD virtual hard disk
- In SheepShaver, double-click the `mb60n.sit` file to expand it
 - This creates the `MacBenesh Disk` folder which contains `MacBenesh Folder`
- Open `MacBenesh Folder`
 - It contains the `MacBenesh 6.0n` application and `Sample Score (Giselle)`
- MacBenesh is now installed



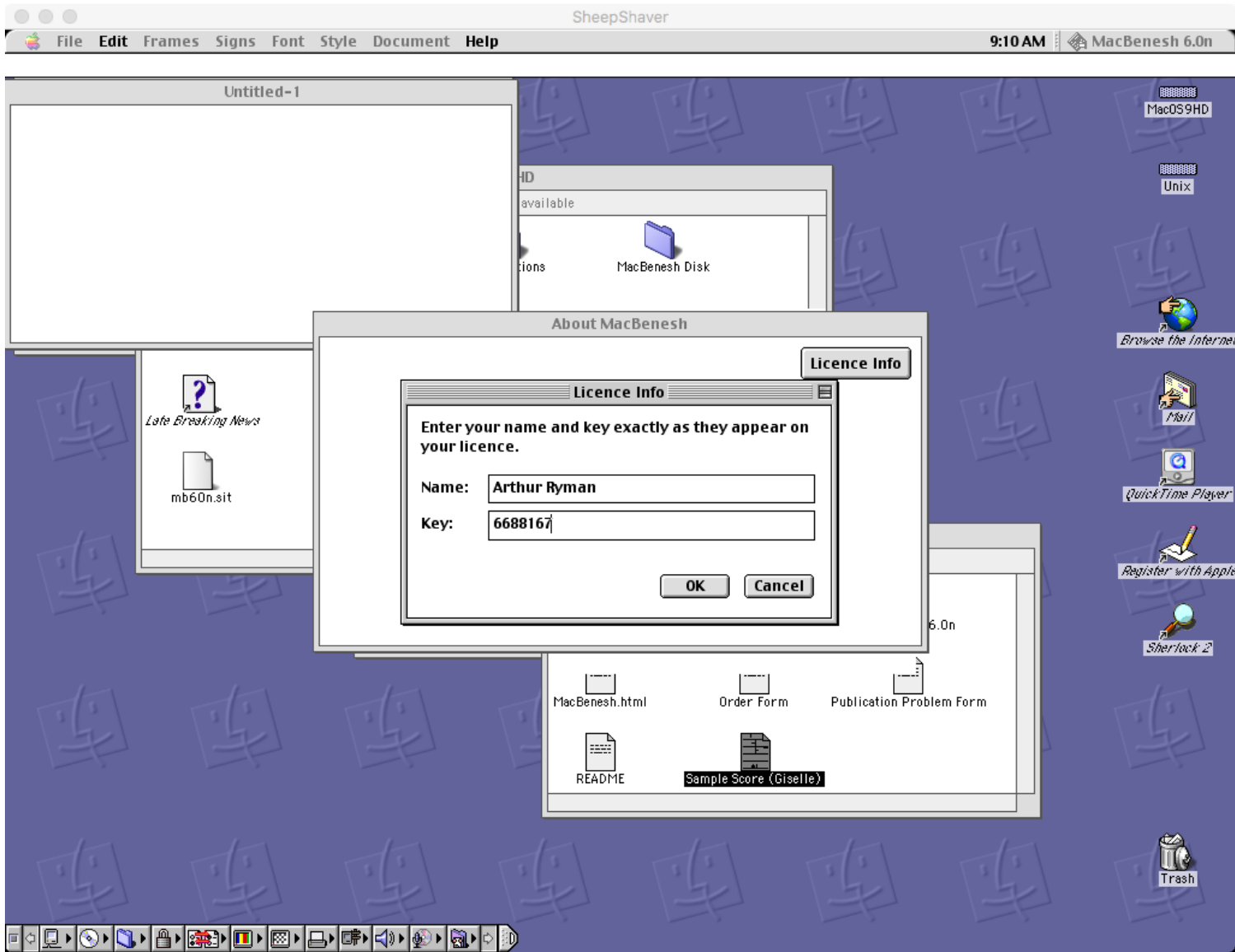
Increasing MacBenesh Memory

- MacBenesh memory is set at 1024 KB which is too low for use with SheepShaver
 - You will probably see Low Memory warnings
- Select the MacBenesh 6.0n application and open the Get Info dialog box
 - Show: Memory
 - Set Preferred Size: 4096 KB
 - Set Minimum Size: 4096 KB



MacBenesh Licence Info

- Launch MacBenesh 6.0n
- A Licence Info window appears if you have not yet entered this information
- MacBenesh 6.0n is free for use and has a special licence key
 - Enter your name
 - Enter the special licence key 6688167
 - Click the Save button
- Quit MacBenesh and launch it again
 - The Licence Info window should NOT appear now



Open the Sample Score

- You can launch MacBenesh by double-clicking the application or a score
 - **Bug:** Double-clicking a score launches MacBenesh but does not open the score
 - You need to open the score using the `File -> Open` menu item
- Verify that MacBenesh is working correctly by opening `Sample Score (Giselle)` using the `File -> Open` menu item

1 item, 1,023.9 MB available

mb60n.sit

Rhythm

Assistants

Two Feet Together

Sample Score (Giselle)

Allegretto

2

App

Inst

U

3

MacOS9HD

Unix

Browse the Internet

Mail

QuickTime Player

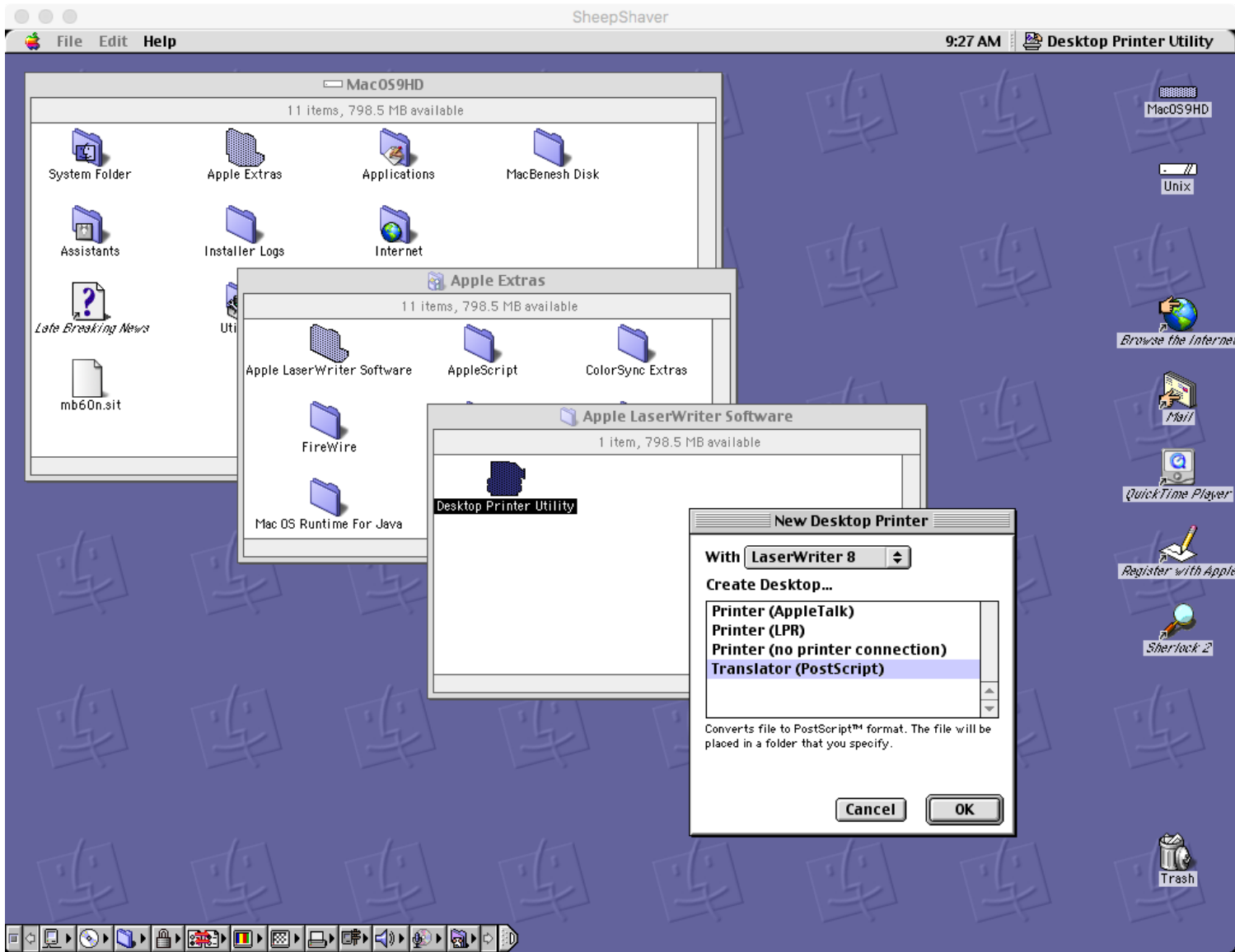
Register with Apple

Sherlock 2

Trash

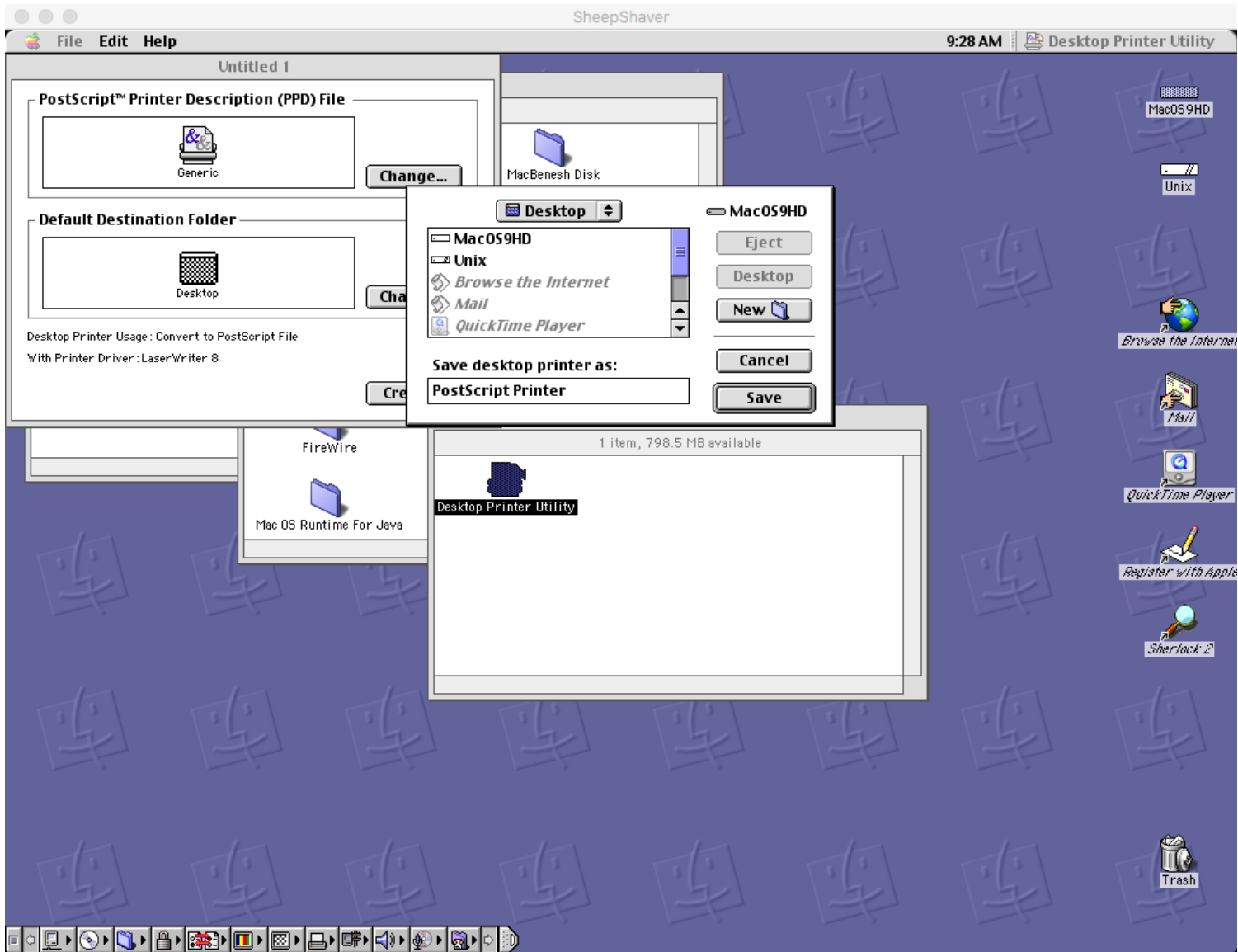
Printing Scores to PostScript

- To use MacBenesh with other OS X applications, print the score to a PostScript file in OS 9 and then convert the PostScript file to PDF in OS X
 - View in Preview
 - Edit in Adobe Illustrator
- To print the score to PostScript you must create a virtual PostScript printer in OS 9
- In OS 9, launch the Desktop Printer Utility application
 - Located in the MacOS9HD -> Apple Extras -> Apple LaserWriter Software folder
- Select
 - With: LaserWriter 8
 - Create Desktop...: Translator (PostScript)
- Click the OK button



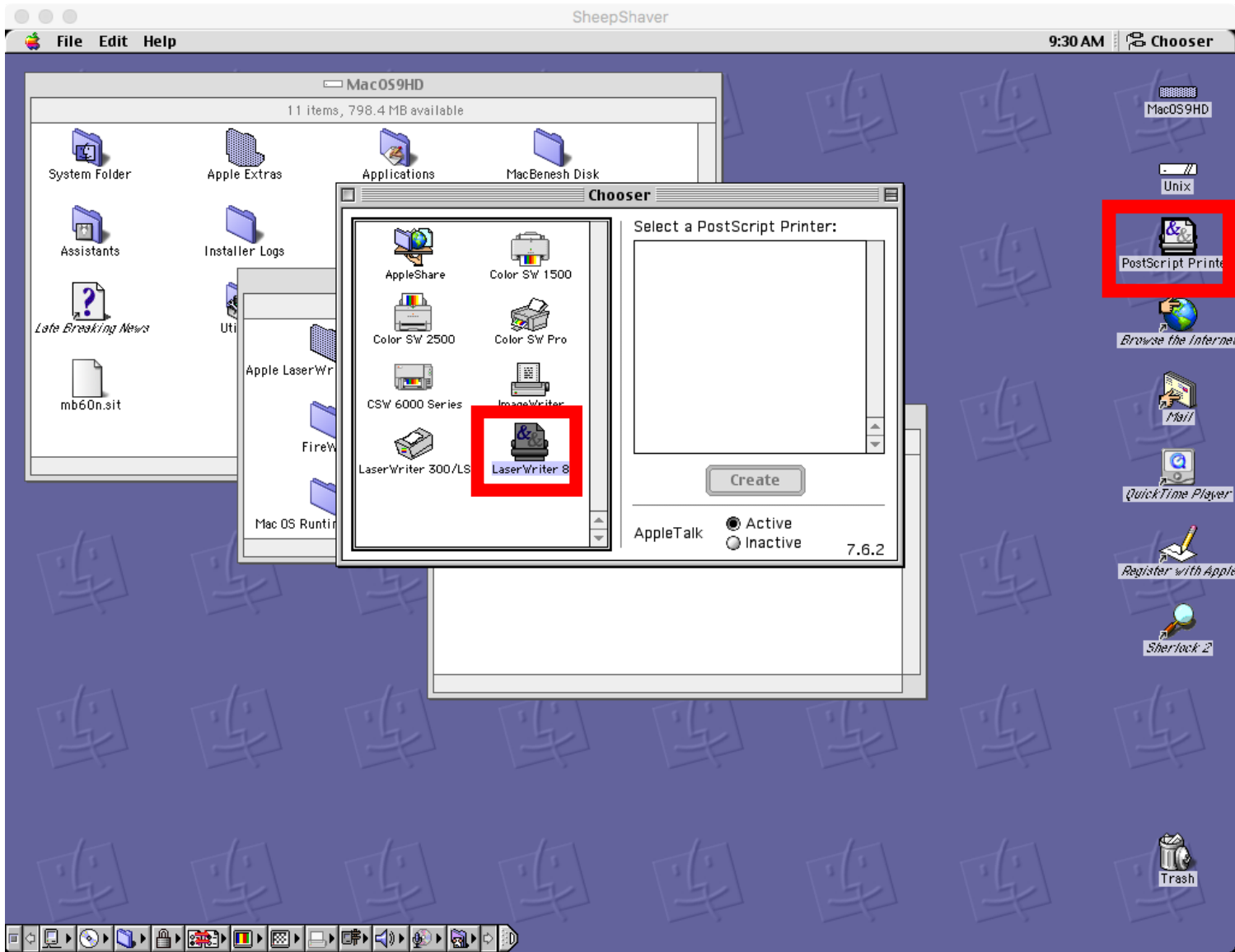
Creating a New Desktop Printer

- Save the printer to the Desktop
- Name the printer: `PostScript Printer`
- Click the Save button
- An icon named `PostScript Printer` appears on the Desktop



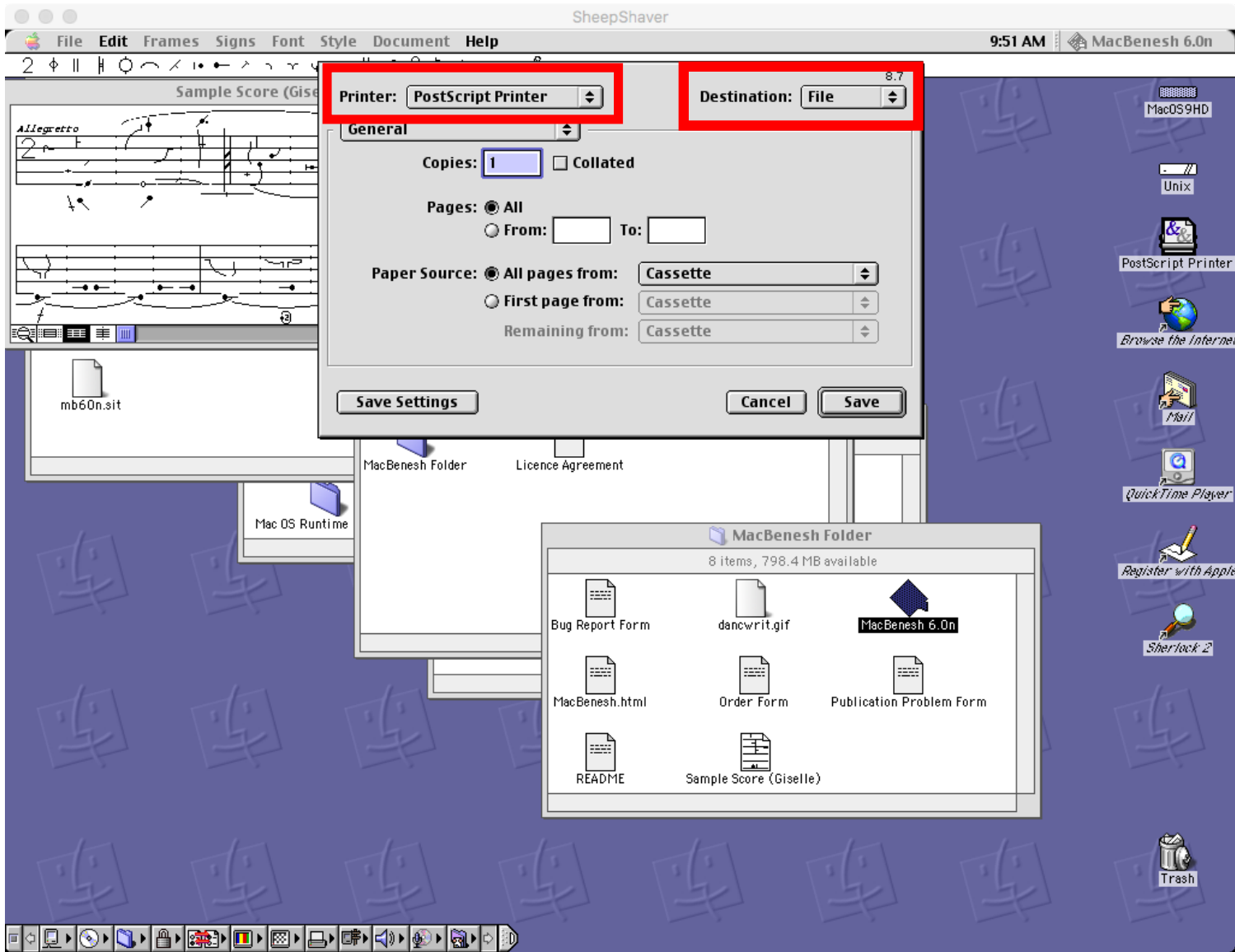
Selecting the PostScript Printer

- Mac applications print to the printer selected by the Chooser
- From the Apple menu, select the Chooser menu item
- Select the LaserWriter 8 printer driver
- Close Chooser



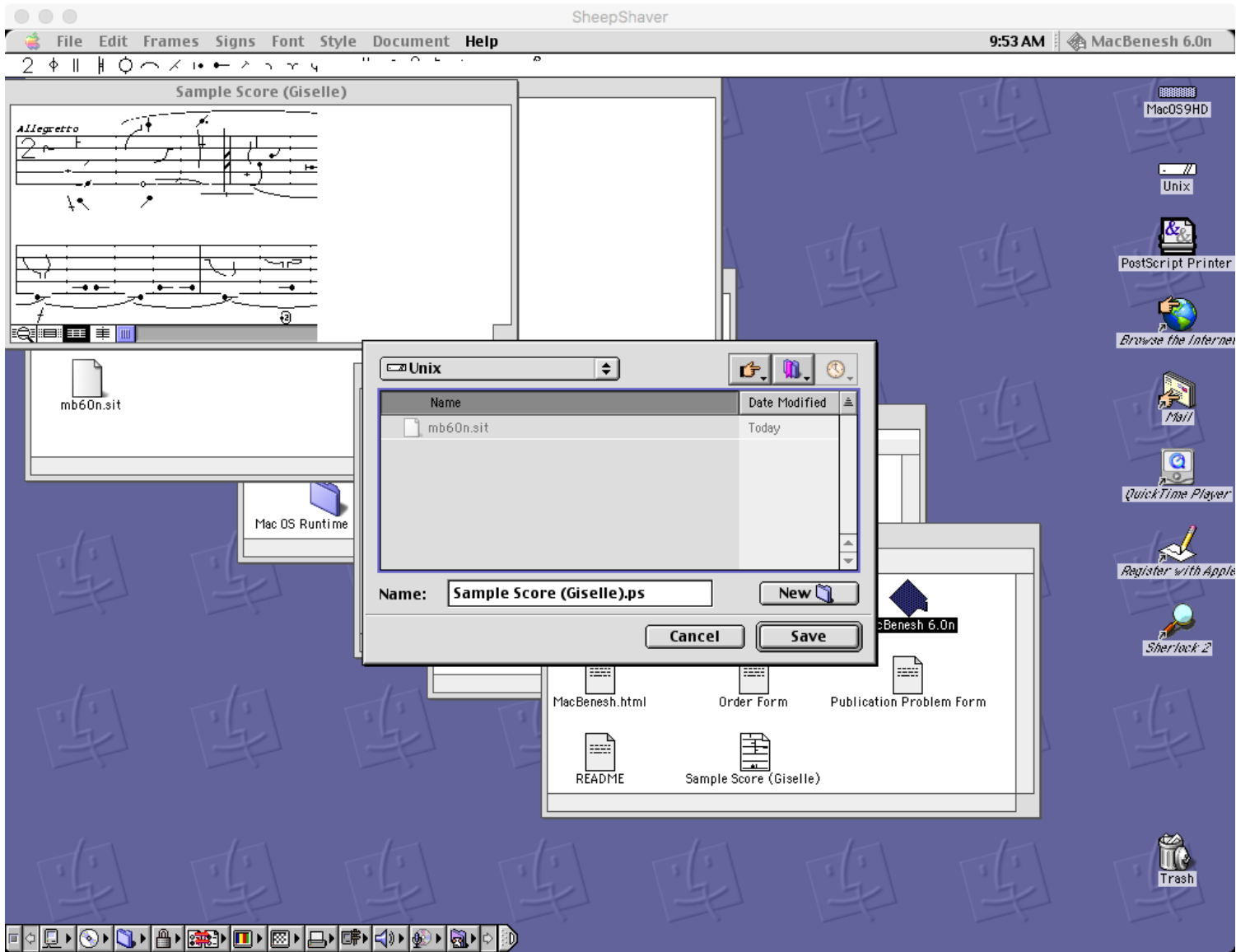
Printing the Sample Score

- Launch MacBenesh and open the sample score
- Select the `File -> Print` menu item
- The `Print` dialog box should show the following settings
 - `Printer: PostScript Printer`
 - `Destination: File`
- Click the `Save` button
 - Next you need to enter where the PostScript file should be saved



Saving PostScript Files to the `Unix` Folder

- After you create the PostScript file you'll need to move it to OS X in order to work with it further so create it in the `Unix` folder
- Select the destination to be the OS 9 `Unix` folder
 - This corresponds to the OS X Shared folder
- Click the `Save` button
- `MacBenesh` will send the print output to the virtual PostScript printer
- After a few seconds a PostScript file will appear in the `Unix` folder



Converting PostScript to PDF

- In OS X open the Shared folder and double-click the new PostScript file `Sample Score (Giselle).ps`
- Preview launches and automatically converts the file to PDF
- Save the PDF file in another OS X folder
 - Only use the Shared folder for temporary file transfers between OS 9 and OS X
 - Important files should be kept permanently in other OS X folders
- You now can create and edit MacBenesh scores in OS 9 and convert them to PDF in OS X!

Sample Score (Giselle).pdf

Q Search

The image shows a handwritten musical score for a piece titled "Sample Score (Giselle).pdf". The score is presented in a software window with a search bar and navigation icons. The score consists of five systems of two staves each. The notation is highly detailed, featuring numerous slurs, ties, and dynamic markings. A circled "2" is present in the first system, and a circled "3" is present in the third system. The score is displayed in a software window with a search bar and navigation icons.

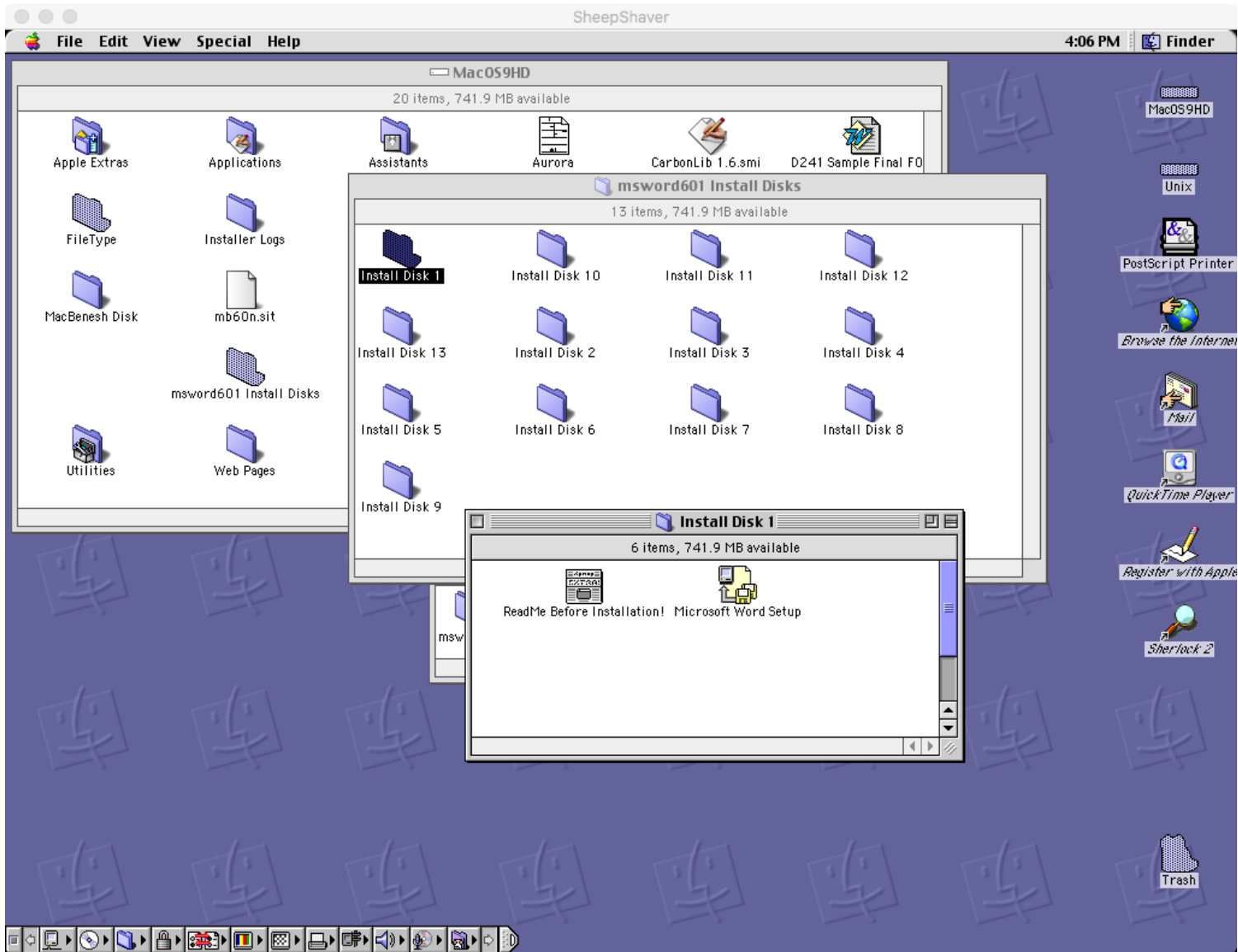
4. MS Word 6

Using MacBenesh with MS Word 6

- You can copy and paste notation frames between MacBenesh and MS Word 6
- Notation frames pasted into MS Word 6 print with high quality
 - MacBenesh used QuickDraw comments to preserve editable versions of the notation frames in clippings
 - Microsoft dropped support for QuickDraw comments in later versions of MS Word
- Using SheepShaver you can install MS Word 6 and work with your old documents!

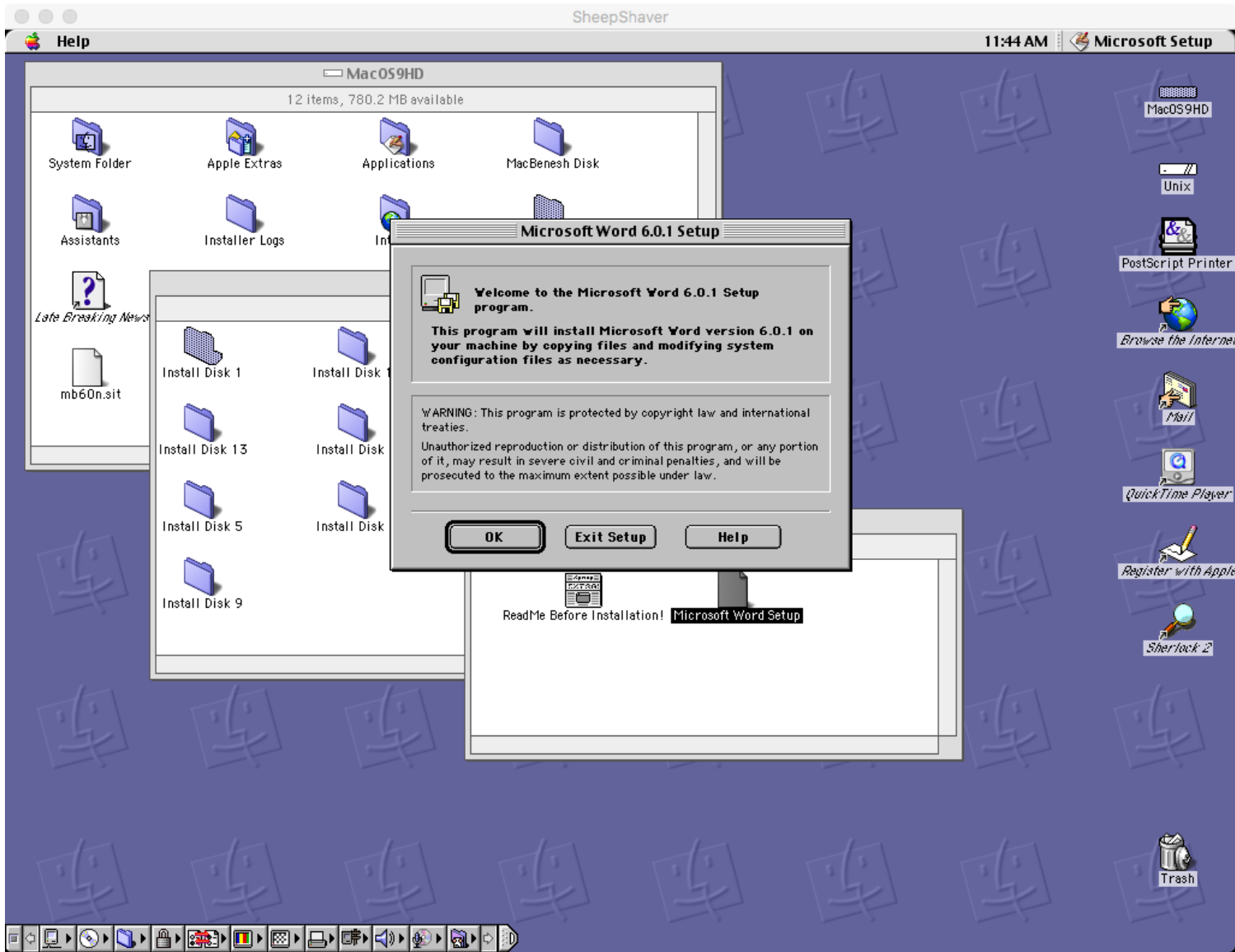
Installing MS Word 6.0.1

- The `mword601 Install Disks` folder contains the setup program for MS Word 6.0.1
 - The installer came on 13 diskettes
- In OS X copy the `mword601 Install Disks` folder from `macbenesh-osx-files` into the Shared folder then in OS 9 move it from the Unix folder onto the MacOS9HD virtual hard disk
- In OS 9 open the MacOS9HD -> `mword601 Install Disks` -> Install Disk 1 folder
 - You should see the Microsoft Word Setup program



Run Microsoft Word Setup

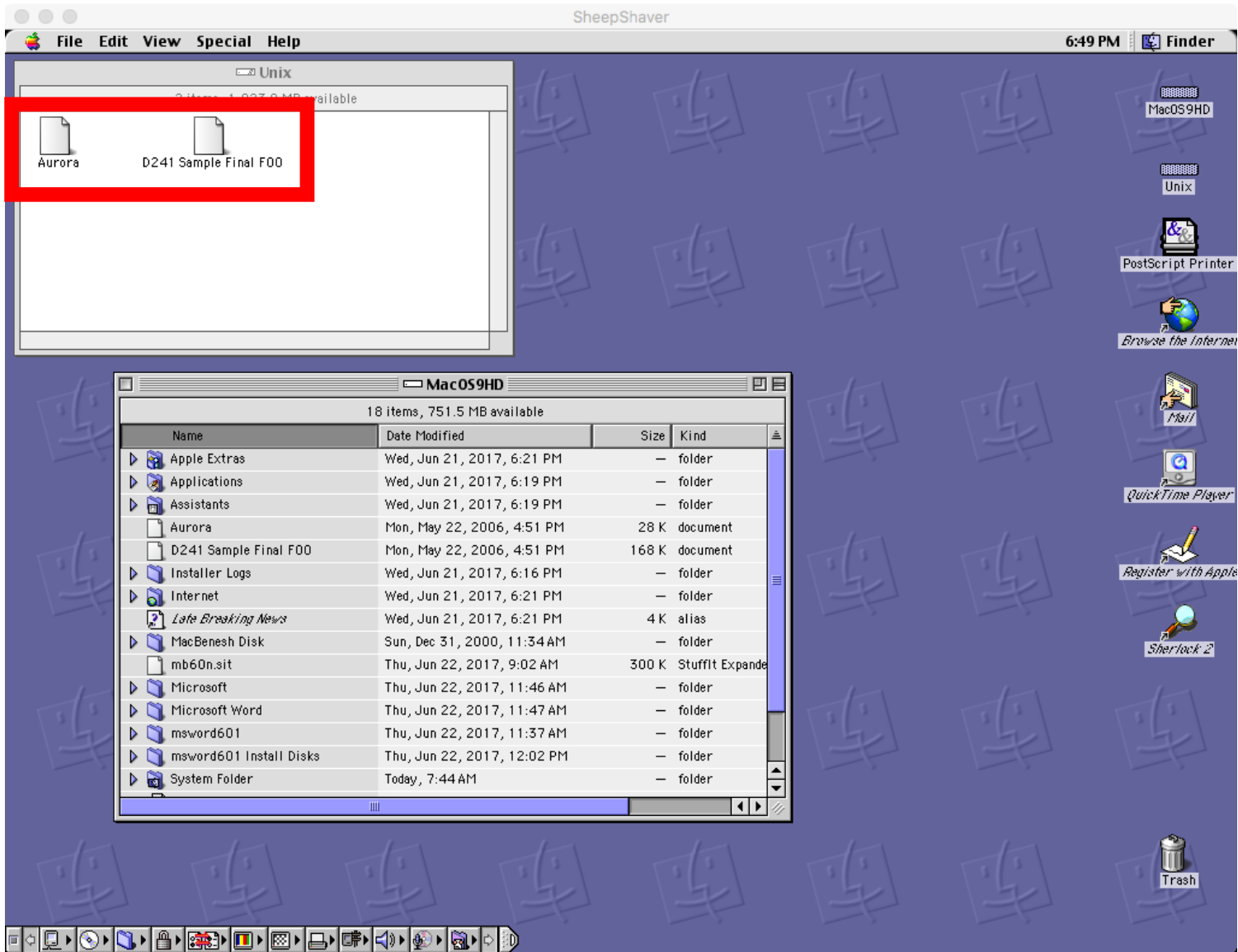
- Double-click the Microsoft Word Setup program
 - The installer starts
- Follow the installation process as usual
 - MS Word 6.0.1 should now be installed



5. FileType

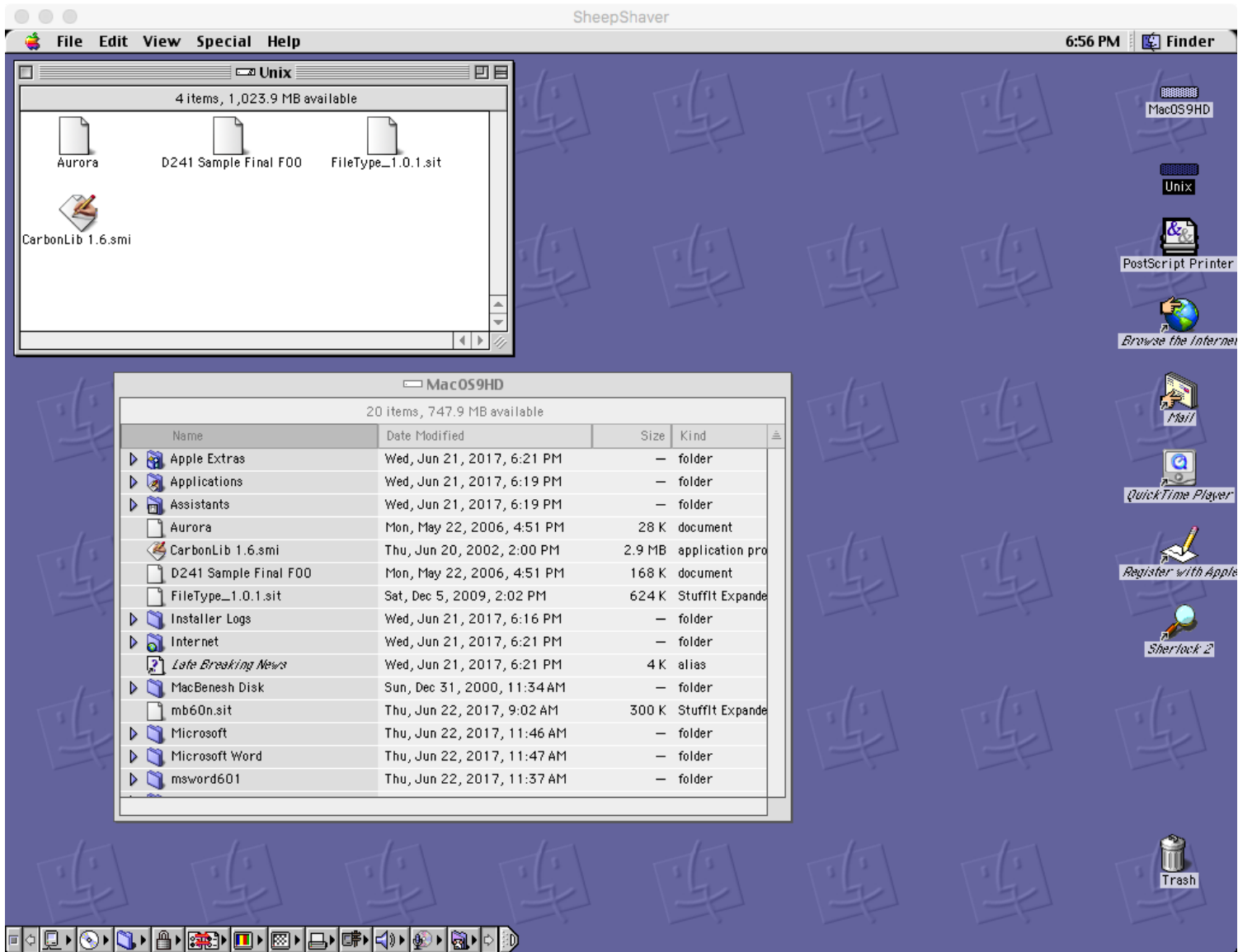
Accessing Your Old Documents

- If you have floppy disks that contain old MacBenesh or MS Word documents you'll need to plug in an external floppy disk drive and copy them to your OS X disk
 - Borrow my SmartDisk VST Floppy Drive during this workshop
- You may also have old documents on CDs, DVDs, as email attachments, etc.
- You may need to restore the OS 9 File Type and File Creator (File Info) on these files in order to open them in MacBenesh
- The following screenshot shows two old documents that are missing their File Info:
 - Aurora (MacBenesh)
 - D241 Sample Final F00 (MS Word)



FileType and CarbonLib

- `FileType` is a Mac application that lets you edit the File Type and Creator info on documents
- `FileType` requires `CarbonLib` which is a runtime library provided by Apple
- Copy the files `CarbonLib 1.6.smi` and `FileType_1.0.1.sit` from `macbenesh-osx-files` into the OS X Shared folder
 - You should also copy the sample files `Aurora` and `D241 Sample Final F00` from `macbenesh-osx-files` to practice setting File Info
- Open `SheepShaver` and copy the files out of the OS 9 Unix folder and into `MacOS9HD`

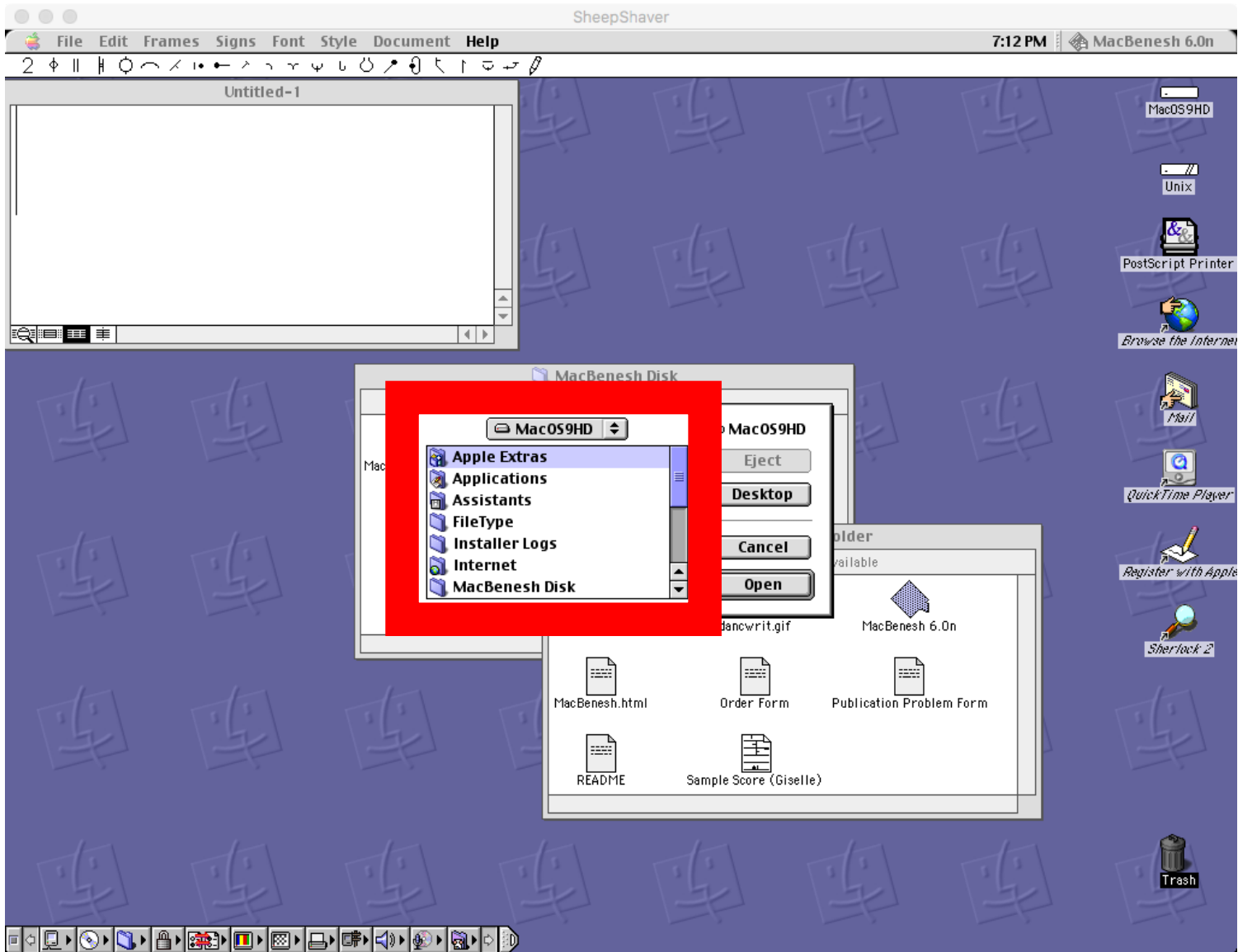


Installing CarbonLib 1.6

- CarbonLib 1.6.smi is a self-mounting image of the installer for CarbonLib 1.6
- Double-click CarbonLib 1.6.smi and run it
 - This mounts a virtual diskette named CarbonLib that contains the installer named Apple SW Install
- Double-click Apple SW Install and run it
 - This installs CarbonLib 1.6 and restarts OS 9.

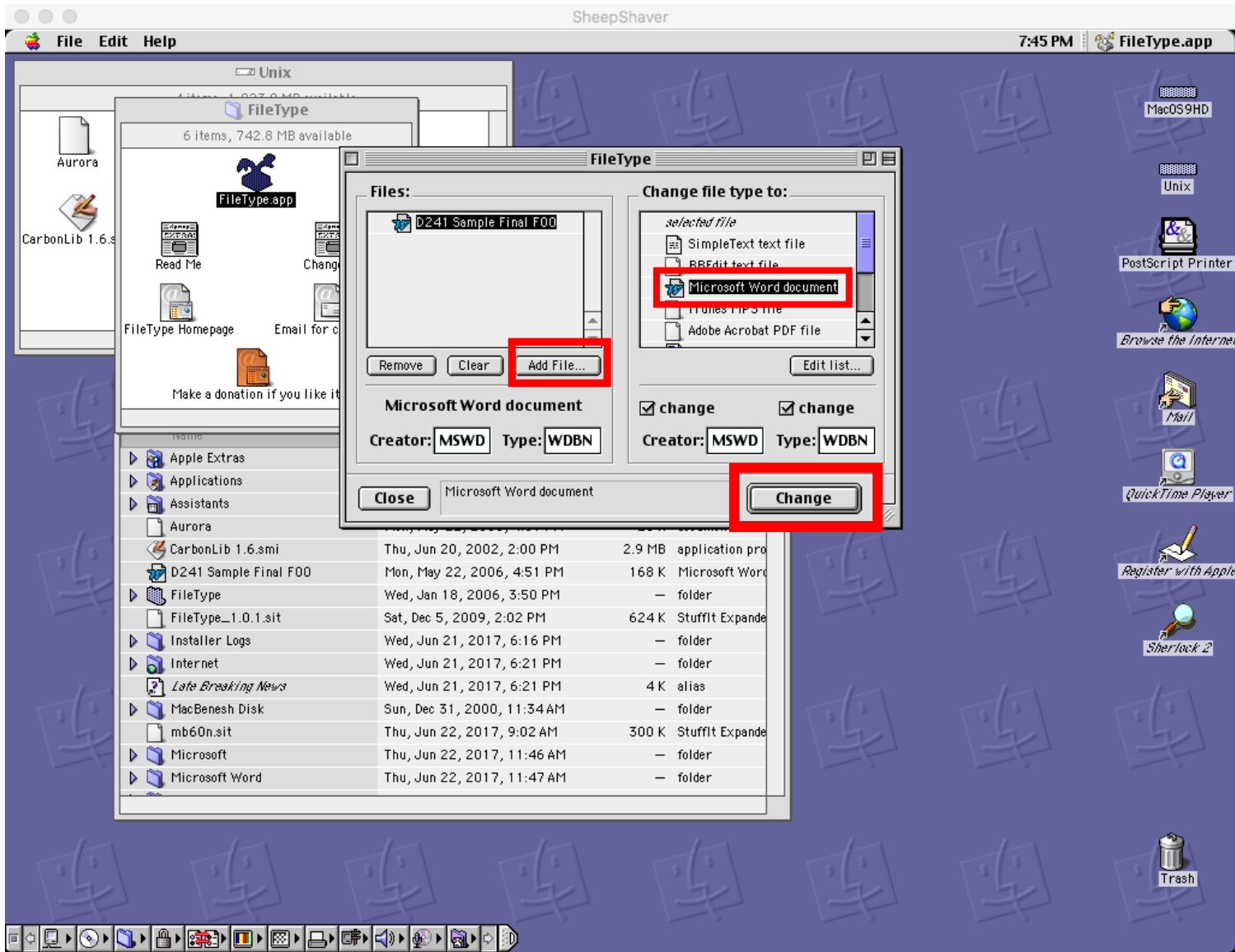
Installing and Running `FileType 1.0.1`

- Double-click the StuffIt archive `FileType_1.0.1.sit` to unstuff it
 - This creates a folder named `FileType` which contains the `FileType.app` application
- Launch `MacBenesh` select the `File -> Open` menu item and try to open `Aurora`
 - Note that `Aurora` is not listed in the `Open` dialog because it has lost its `File Info` in the process of being transferred from OS 9 to OS X
 - We'll restore its `File Info` using the `FileType` application later
- Cancel the `Open` dialog



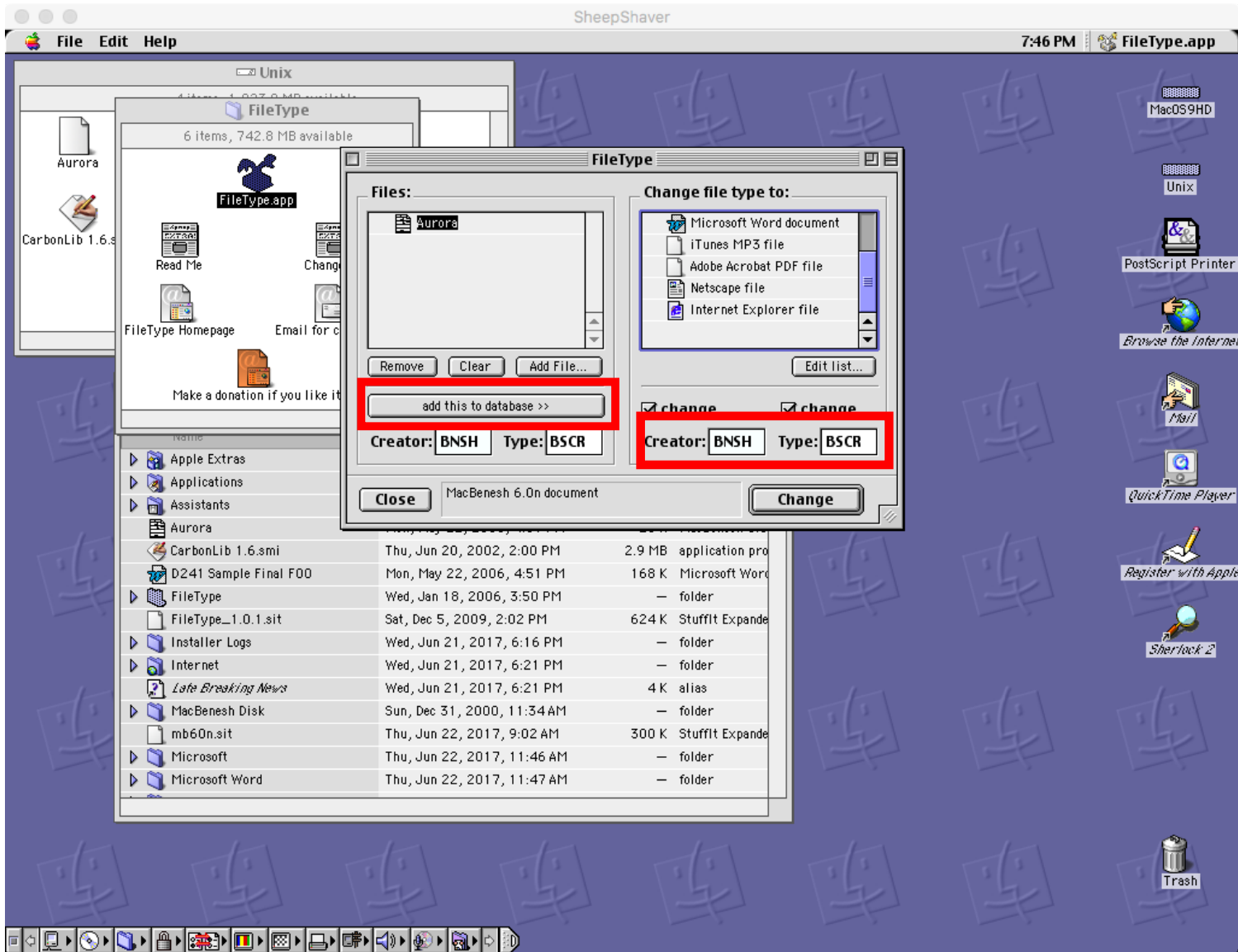
Setting File Info for MS Word Documents

- Launch the FileType.app application
- Click the Add File... button and add the file D241 Sample File F00
- In the Change file type to: list select Microsoft Word Document
- Click the Change button
 - This sets the File Info to MS Word
- Now you can open D241 Sample File F00 by double-clicking it in Finder



Setting File Info for MacBenesh Documents

- Click the Clear button to clear the Files: list
- Click the Add File... button and add Aurora
- Select Aurora and enter the values:
 - Creator: BNSH
 - Type: BSCR
- Click the Change button
 - This sets the File Info for Aurora to the values used for MacBenesh documents
- Now Aurora will appear in the MacBenesh Open dialog



Adding MacBenesh to the FileType Database

- You can save the File Info values used for MacBenesh documents in the FileType application by adding it to the FileType database
- With Aurora selected, click the add this to database >> button
 - Name the entry: MacBenesh Score
- You can now use this database entry to easily set the File Info for other MacBenesh scores just like you did for MS Word documents

Conclusion

Summary

- SheepShaver lets you run Mac OS 9 applications such as MacBenesh and MS Word 6 on modern Mac hardware under OS X
 - Note that Apple now refers to OS X as macOS
- You move files between OS X and OS 9 using the OS X Shared folder, which appears as the OS 9 Unix folder
- You can print MacBenesh and MS Word 6 documents to PostScript files in OS 9 and convert them to PDF using Preview in OS X
- When you move old documents from OS X into OS 9 you can restore any missing File Info using FileType.app

References

- [How to Run MacBenesh under OS X, Arthur Ryman,
https://docs.google.com/document/d/1zu2Cr0-aexFndiKs0EJUwUtThmNIUSIjISsXKPcE4xg](https://docs.google.com/document/d/1zu2Cr0-aexFndiKs0EJUwUtThmNIUSIjISsXKPcE4xg)

Where to Obtain the Components
Used in **MacBenesh** Virtual
Machine Package

SheepShaver

- SheepShaver is an OS X application that emulates a PowerPC so you can run OS 9 and its applications
- See [SheepShaver builds for Mac OS X, links and downloads](http://www.emaculation.com/forum/viewtopic.php?f=20&t=7360&sid=63235b985d85756ebaad89a5794e952e) at <http://www.emaculation.com/forum/viewtopic.php?f=20&t=7360&sid=63235b985d85756ebaad89a5794e952e> for complete installation instructions
- Download the latest version of the SheepShaver application at http://www.xs4all.nl/~ronaldpr/sheepshaverforum/SheepShaver_UB_20140201.zip

Mac OS ROM File

- Obtain a ROM file from <http://www.redundantrobot.com/#/sheepshaver>
- Download http://www.redundantrobot.com/sheepshaver_files/roms/newworld86.rom.zip
- Unzip it if necessary
 - You should have a file named `newworld86.rom`
- Rename the file to `Mac OS ROM` and move it into the `SheepShaver` folder

Mac OS 9.0.4

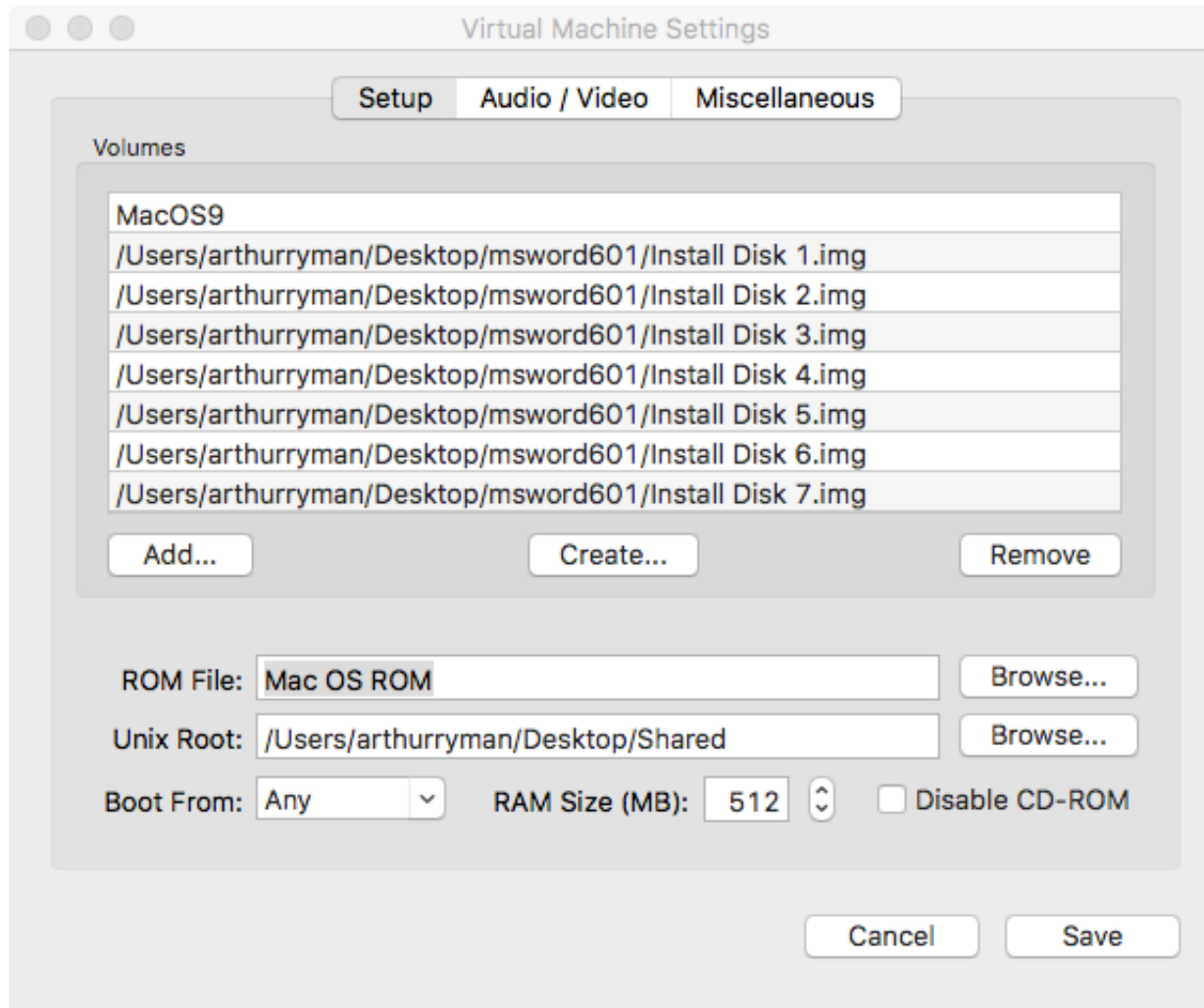
- You can get an ISO CD image of Mac OS 9.0.4 from <https://winworldpc.com/download/3E3DC7CB-18DA-11E4-99E5-7054D21A8599>
- Download the file from one of the mirrors. You should have a file named `Apple Mac OS 9.0.4.7z`
- Note that the file extension is `.7z` which means the file is a 7-zip archive. You'll need a program such as `The Unarchiver` to unzip it
 - See <http://unarchiver.c3.cx/unarchiver>
- After unzipping you should have a folder named `Apple Mac OS 9.0.4` which contains the CD image file `Apple MacOS 9.0.4.iso`

MacBenesh 6.0n

- The latest version is MacBenesh 6.0n
- Download it from <https://drive.google.com/open?id=0B8yLWckVUiuGanLM214QVdqXzQ>
- You should have a file named `mb60n.sit` which is a Stuffit archive

MS Word 6.0.1

- Downloaded MS Word 6.0.1 for Mac from WinWorld
<https://winworldpc.com/download/437DE870-18DA-11E4-99E5-7054D21A8599>
 - You get a 7-Zip archive file named Microsoft Word 6.0.1 (3.5).7z
- Unzip the archive
 - You get 13 Mac 3.5" diskette images named Install Disk 1.img etc.
- As a shortcut for you, I have extracted these diskette images into 13 folders by mounting them in SheepShaver
 - I then copied the folders back to OS X and zipped them into the file named msword601 Install Disks.zip which you can download from <https://drive.google.com/open?id=0B8yLWckVUiuGWkpuQVdlOEpkOUU>



CarbonLib 1.6

- CarbonLib is a runtime library provided by Apple
- Download it from <https://www.macupdate.com/app/mac/4474/apple-carbonlib>

FileType 1.0.1

- FileType is a freeware for non-commercial use application that lets you set File Info on Mac OS files
- Download it from <http://www.frederikseiffert.de/filetype/>