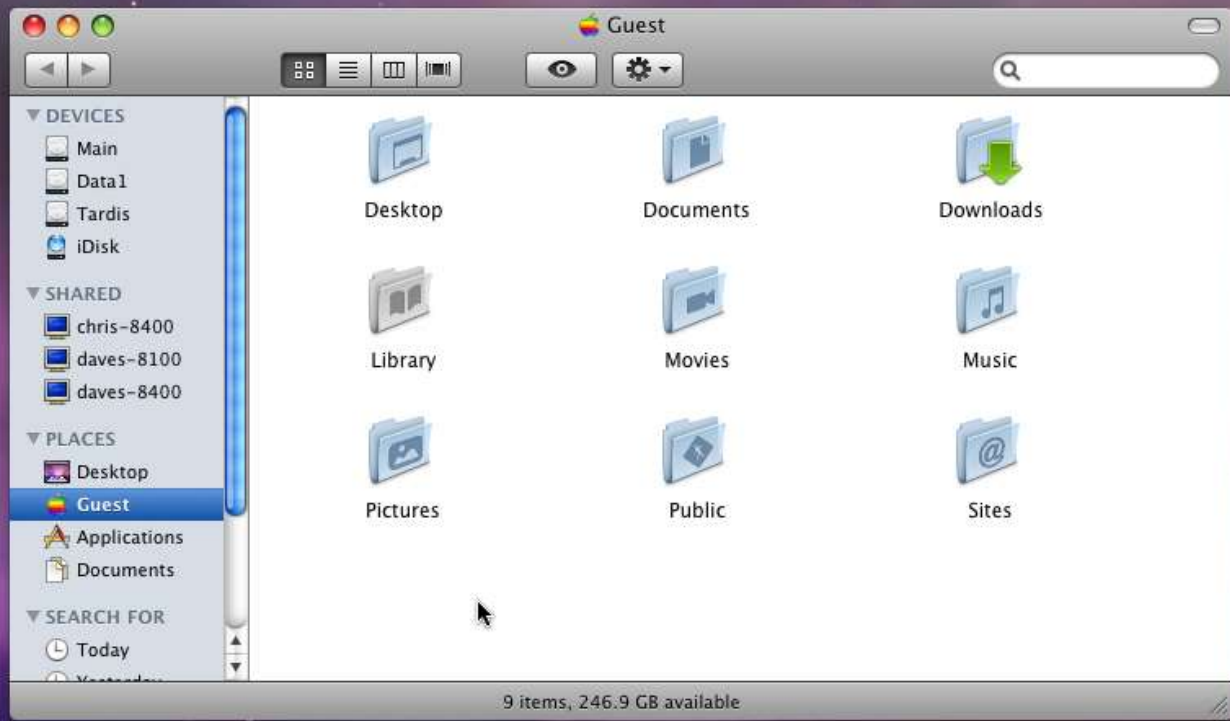


# A History of Mac OS

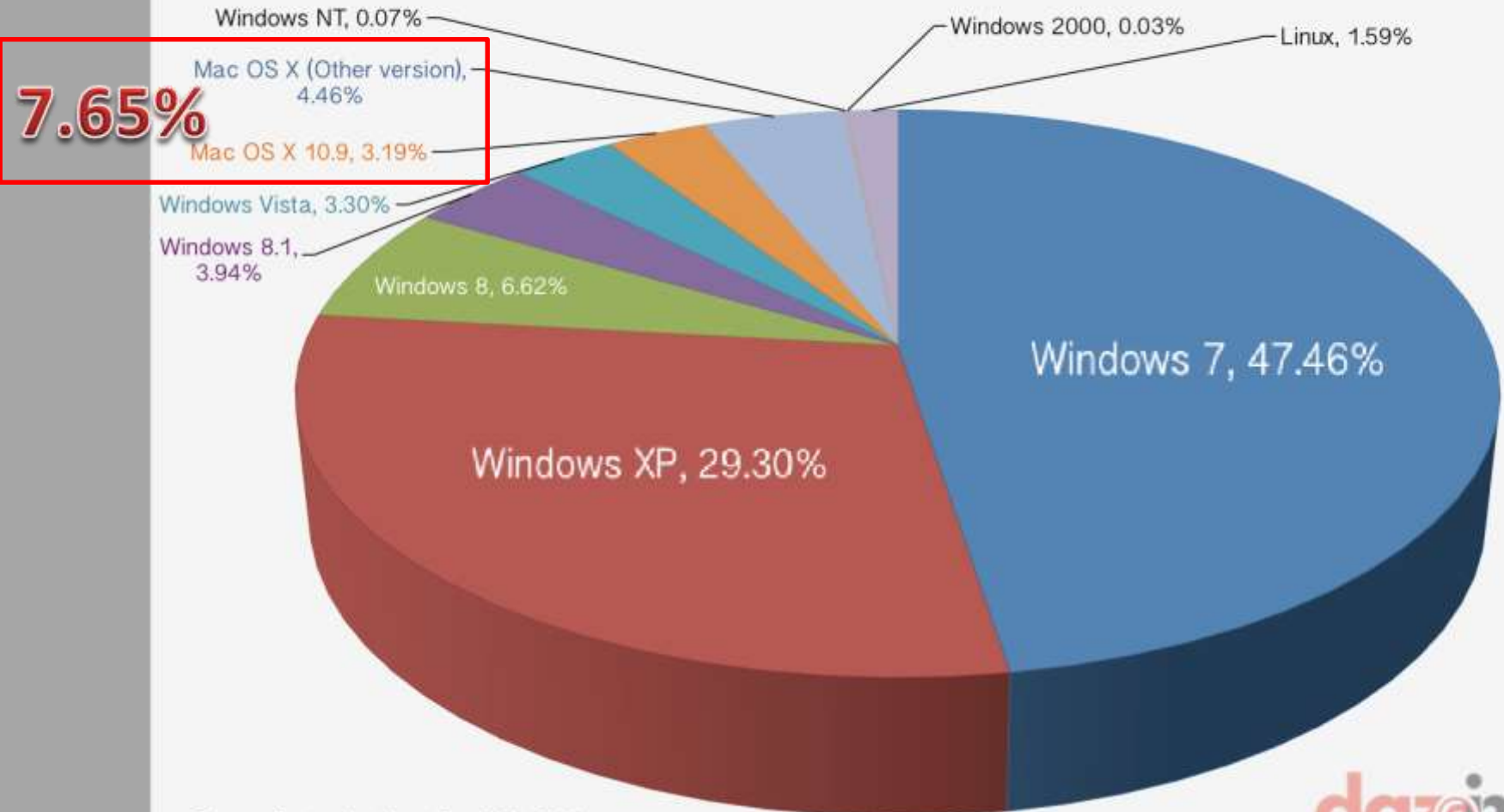


Damian Gordon



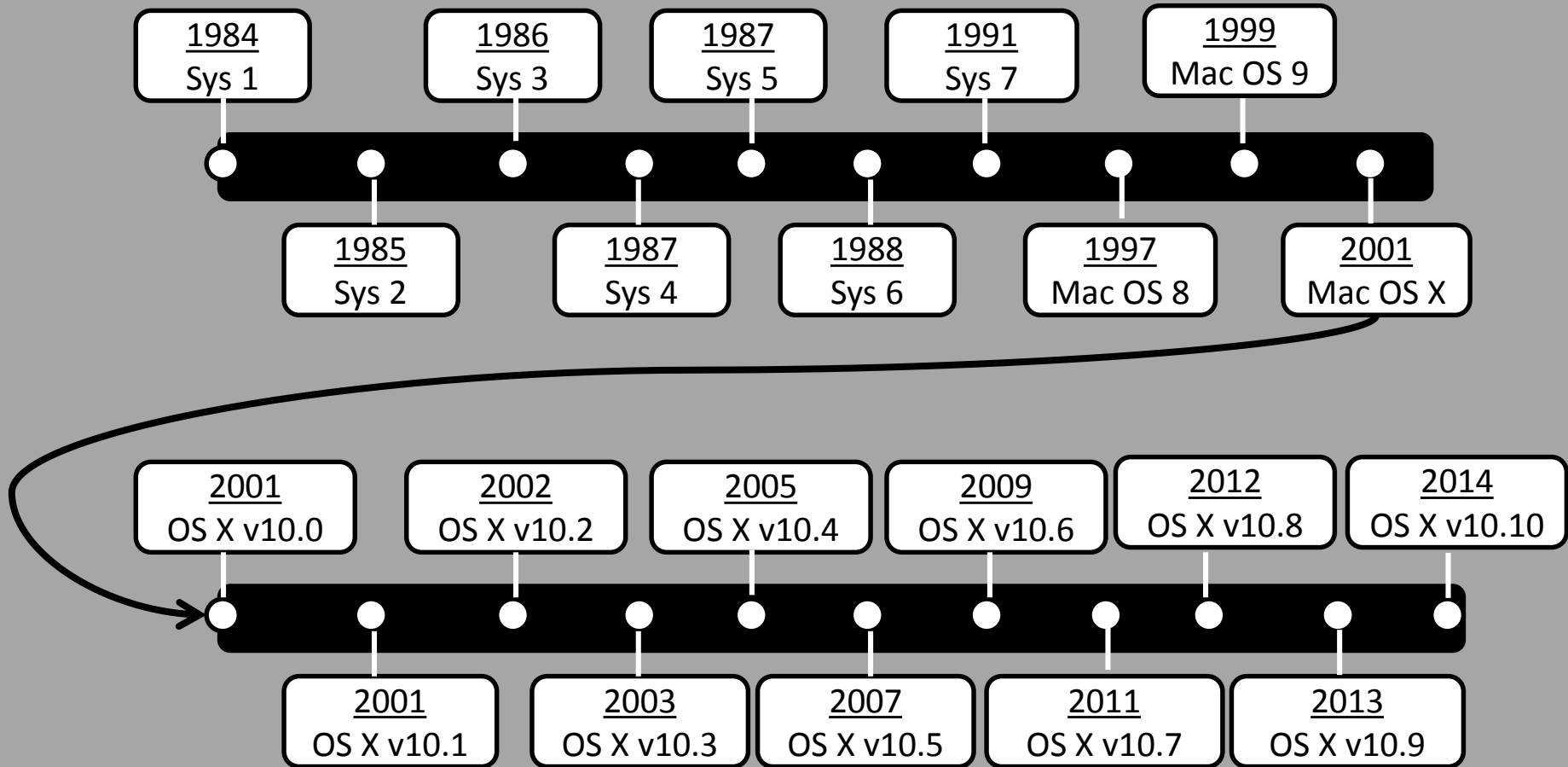
# Desktop market share (2014)

Desktop Operating System Market Share



Source: Netmarketshare, March 24, 2014

# Timeline of Mac OS

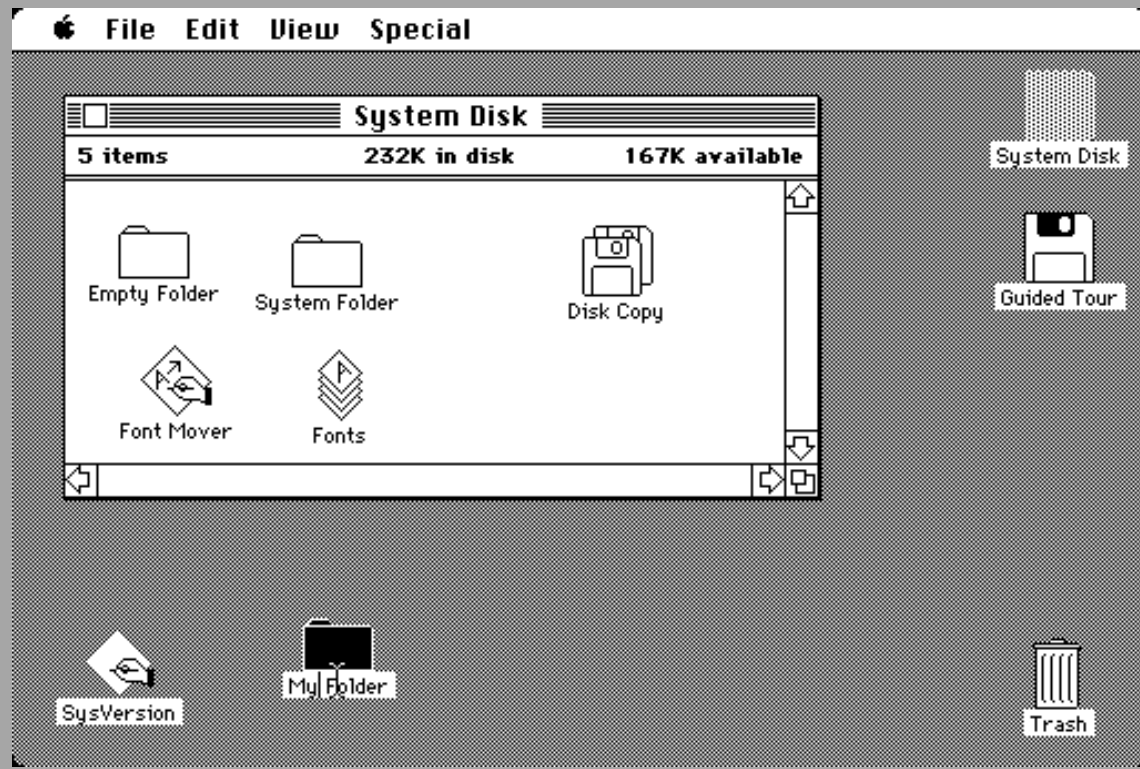


# System 1

January  
1984

- Introduced menu bar, pop-up menus; concept of drag-and-drop and direct manipulation.
- Only runs one application at a time

Based on the pioneering GUI technology developed at Xerox PARC, but Apple added many game-changing innovations.

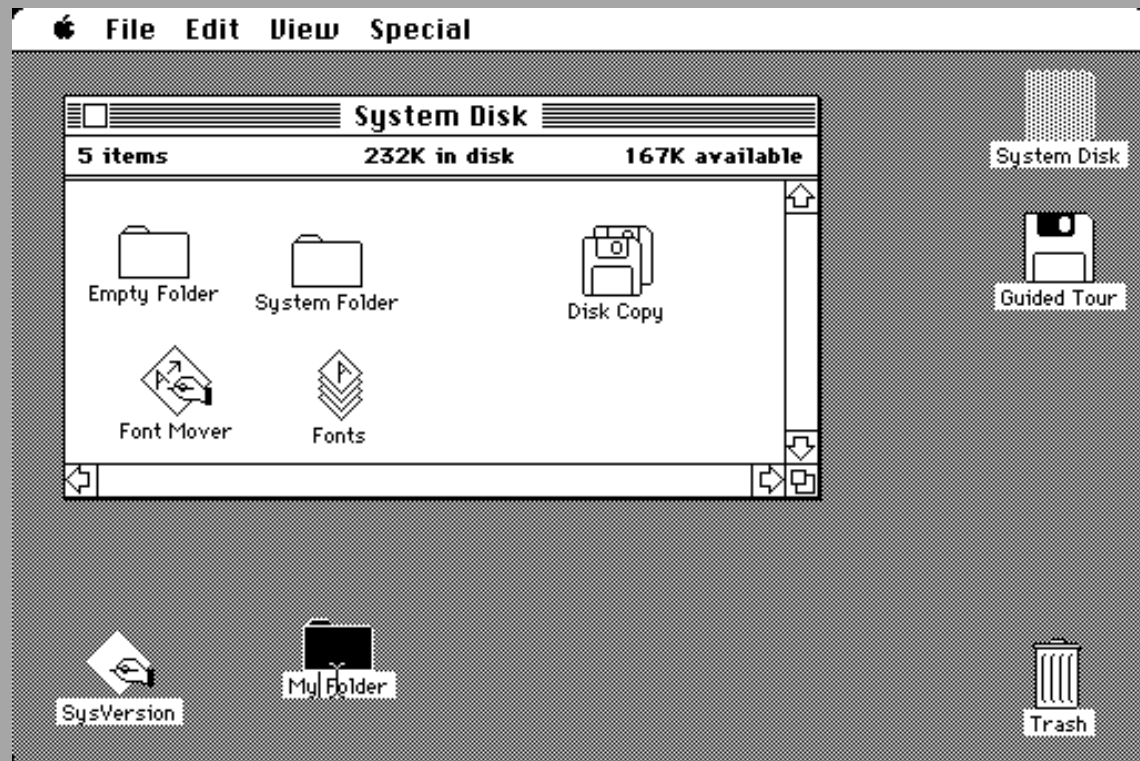


# System 2

April  
1985

- Introduced multiple folders, the "Shut Down" command, and a quick-launching application feature.

**Added support for AppleTalk (networking) and the newly introduced LaserWriter to use it. Also introduced the HFS (Hierarchical File System).**

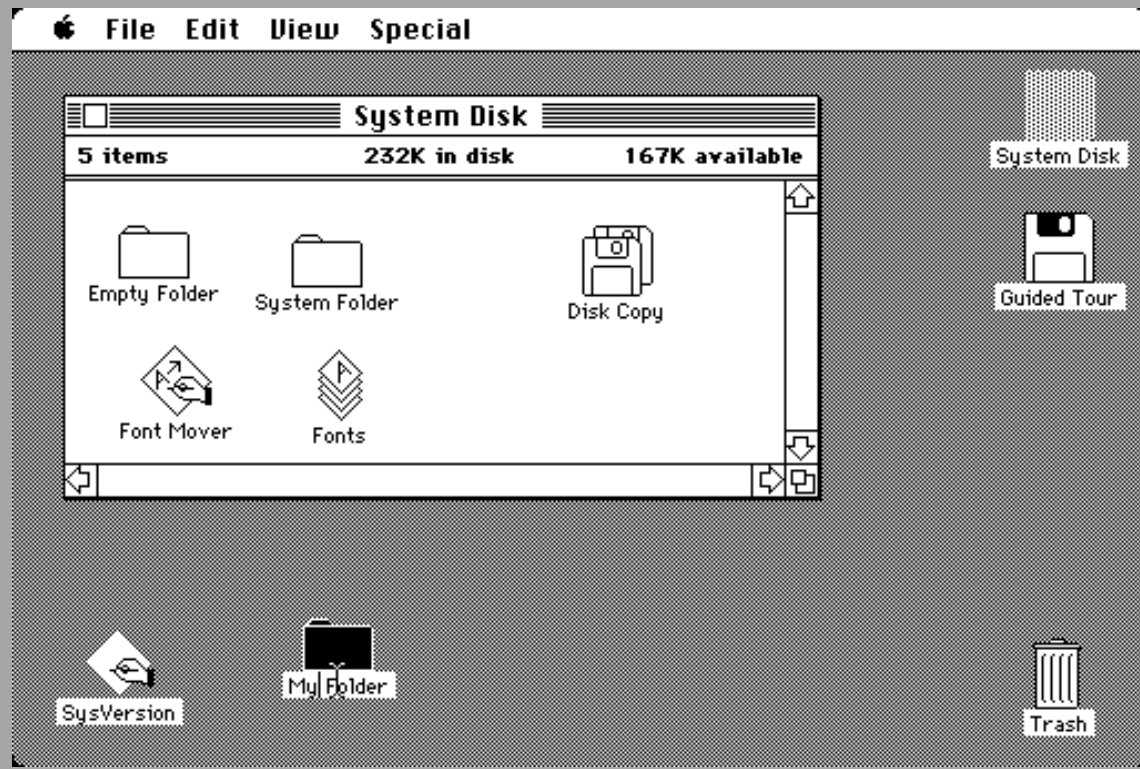


# System 3

January  
1986

- Implemented HFS, support for several new technologies including SCSI and AppleShare, and Trash "bulging".

Introduced with  
the Mac Plus

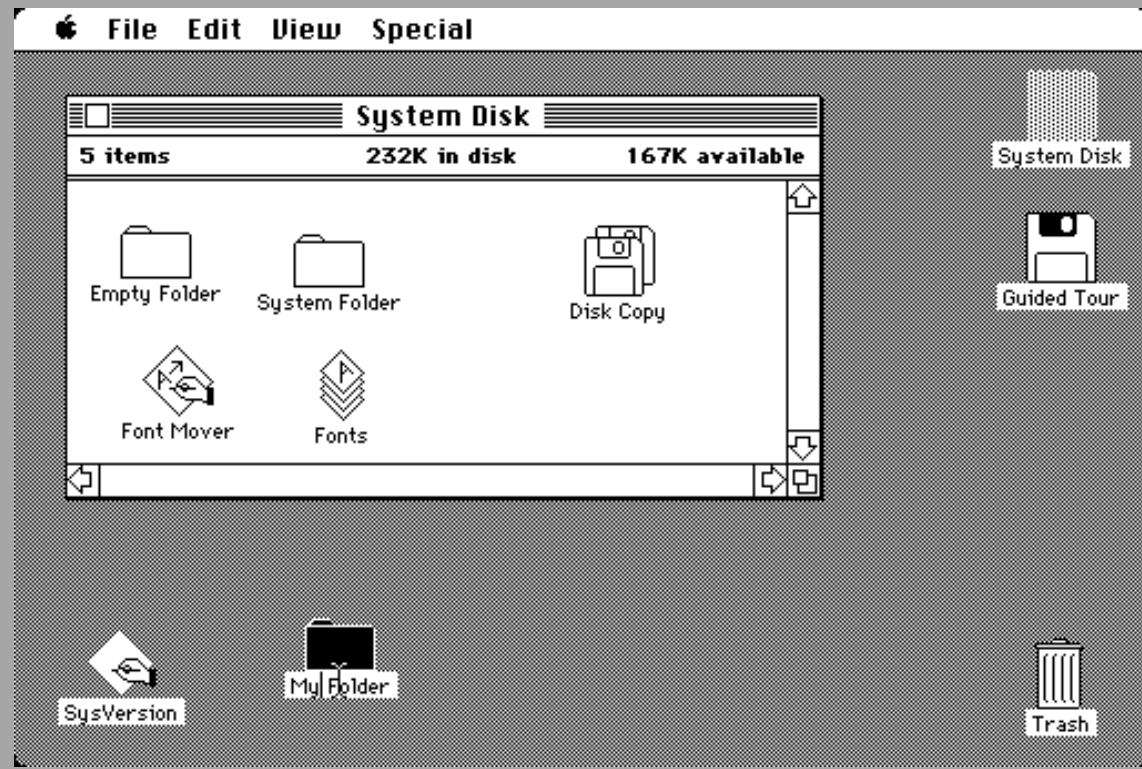


# System 4

January  
1987

- Software for improved hardware - expansion slots, the Apple Desktop Bus (ADB), internal hard drives.

**Introduced with  
the Mac SE**



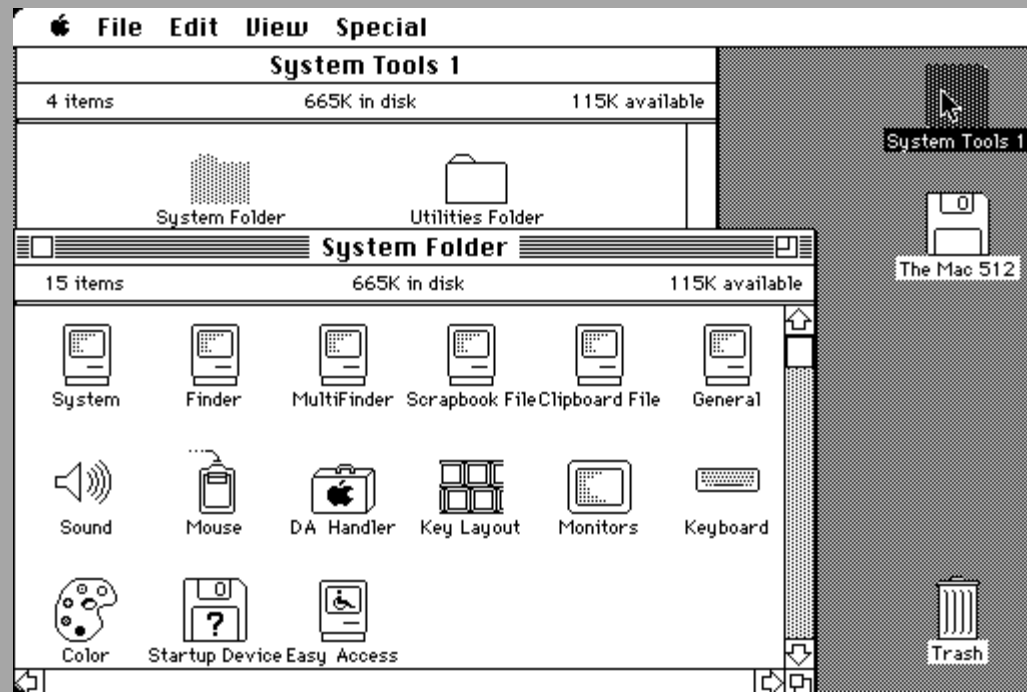


# System 5

October  
1987

- Added MultiFinder which allowed cooperative multitasking, so time was given to the background applications only when the running application yielded control.

**System Software 5 is the first Macintosh operating system to be given a unified "Macintosh System Software" version number**

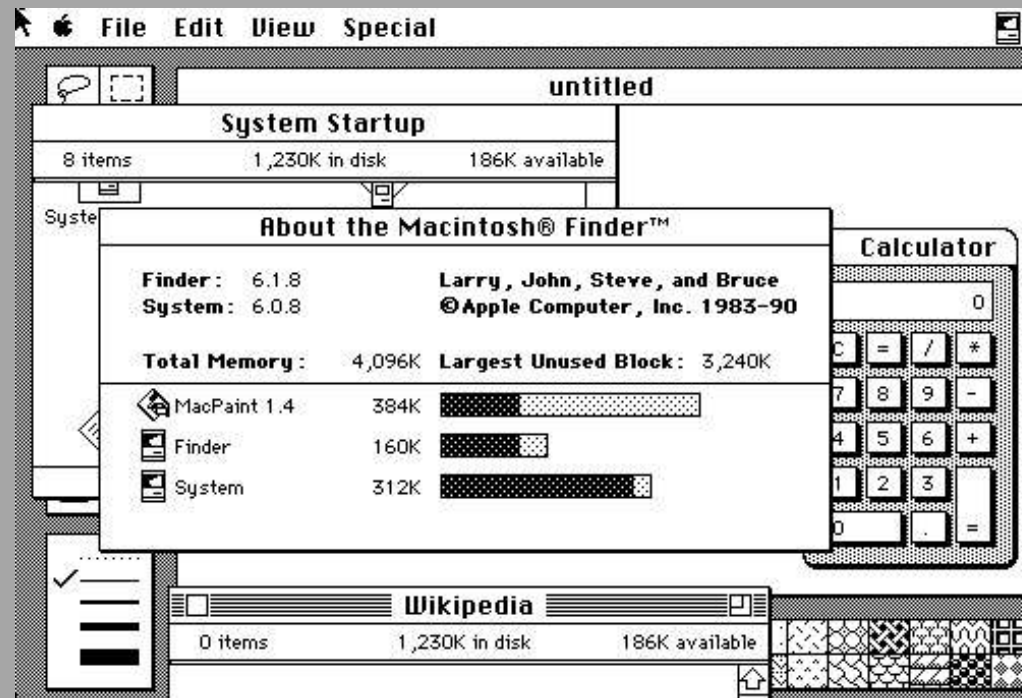


# System 6

April  
1988

- Added MacroMaker allowed users to record mouse and keyboard input as "macros."
- A complete, stable, and long-lasting operating system

A maximum of 15 Desk Accessories could be installed at one time, including the Chooser, Scrapbook, and Control Panel.



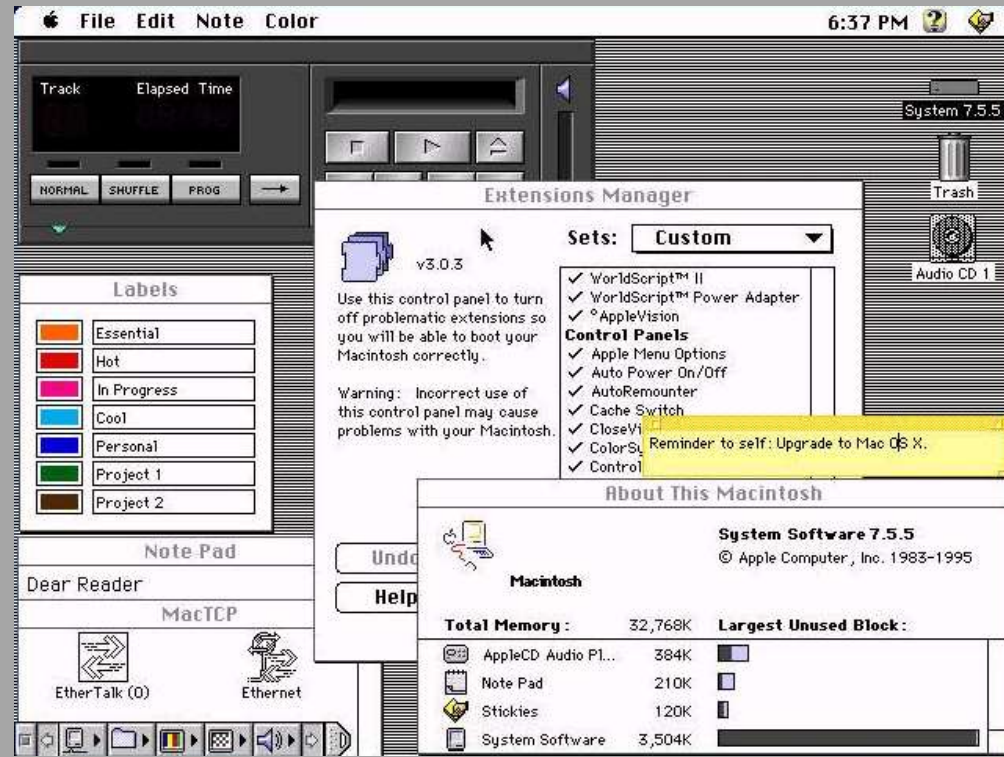
# System 7

Big Bang

May  
1991

- Added virtual memory, personal file sharing, QuickTime, QuickDraw 3D, and improved UI.
- Used over a megabyte (Sys 6 took up 600K).

It was the first Apple operating system to be available on CD, although it shipped on a set of 15 floppy disks initially.



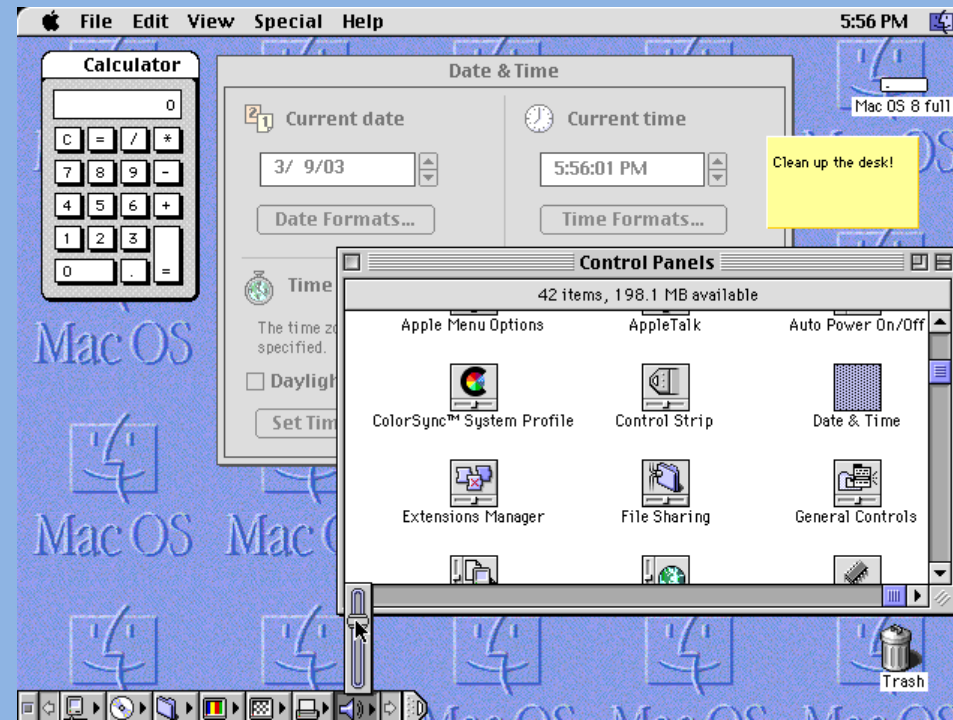
# System 8

Copland

July  
1997

- Improved multi-tasking, files can be copied in the background, GUI skins introduced.
- Released shortly after Steve Jobs return.

Initially planned as Mac OS 7.7, renumbered "8" to exploit a legal loophole and terminate third-party manufacturers' licenses to System 7



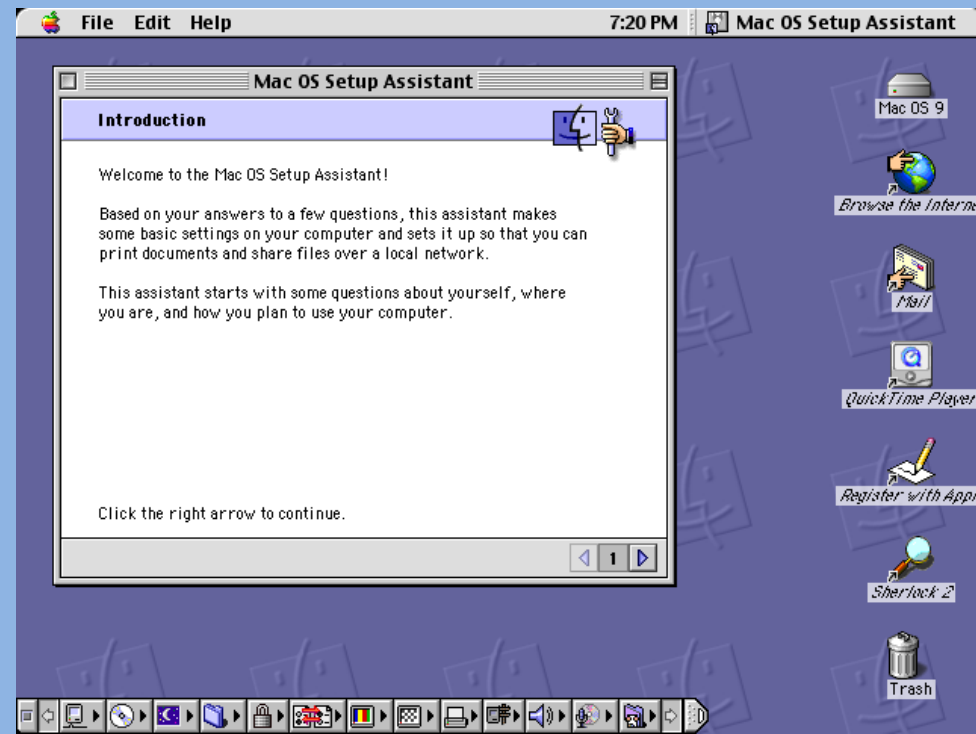
# System 9

Sonata

October  
1999

- Provides a much improved memory implementation and management.
- Improved support for wireless networking

**Makes the first use of the centralized Apple Software Update to find and install OS and hardware updates**



# System 10 (OS X)

Cheetah

March  
2001

- Introduced Launch Pad, a springboard-style home for applications.
- OS X is a Unix-based operating system

**Heavily criticized for three main reasons:  
Interface responsiveness was sluggish. It was riddled with bugs. And had Missing Features and Compatibility Issues**



# Versions of OS X

Version	Release Date
Mac OS X v10.0 (Cheetah)	24th March 2001
Mac OS X v10.1 (Puma)	25th September 2001
Mac OS X v10.2 (Jaguar)	24th August 2002
Mac OS X v10.3 (Panther)	24th October 2003
Mac OS X v10.4 (Tiger)	29th April 2005
Mac OS X v10.5 (Leopard)	26th October 2007
Mac OS X v10.6 (Snow Leopard)	28th August 2009
Mac OS X v10.7 (Lion)	20th July 2011
OS X v10.8 (Mountain Lion)	25th July 2012
OS X v10.9 (Mavericks)	22nd September 2013
OS X v10.10 (Yosemite)	16th October 2014



# OS X v10.1

Puma

September  
2001

- Improved AppleScript, allows scripting access to system components
- Easier CD and DVD burning, and DVD playback support

**Still criticized for  
Interface responsiveness  
that was sluggish**





# OS X v10.2

Jaguar

August  
2002

- Introduced Rendezvous (renamed Bonjour) allows networked devices to find each other
- Added Inkwell, for handwriting recognition.

**The operating system was available for single-computer installations, or in a “family pack”, which allowed five installations on separate computers**



# OS X v10.3

Panther

October  
2003

- Allows a user to remain logged in while another user logs in
- TextEdit now compatible with Microsoft Word

**On older machines third-party software (such as XPostFacto) was required override checks made during the installation process to get it to work.**



# OS X v10.4

Tiger

April  
2005

- Added Quartz Composer, a development tool for processing and rendering graphical data.
- Added Dashboard, a widget application.

**Apple announced a transition to Intel x86 processors during Tiger's lifetime, making it the first Apple OS to work on Apple–Intel architecture machines.**



# OS X v10.5

Leopard

October  
2007

- Network file sharing improvements including more granular control over permissions
- Introduced an automated backup utility called Time Machine

**According to Apple, Leopard contains over 300 changes and enhancements over its predecessor.**



# OS X v10.6

Snow Leopard

August  
2009

- Improved performance, greater efficiency and the reduction of its overall memory footprint.
- Implemented stack protection and sandboxing

**Breaks compatibility with several older versions of some applications, such as Parallels Desktop, versions of Aperture, and versions of Keynote**





# OS X v10.7

Lion

July  
2011

- Includes an easily navigable display of all of the installed applications
- Introduced a recovery partition with tools

**Applications such as Office for Mac 2004, AppleWorks, and early versions of Quicken for Mac 2007, are no longer supported.**



# OS X v10.8

Mountain Lion

July  
2012

- Allows users to easily manage and synchronise content between multiple Apple devices.
- New malware-blocking system Gatekeeper

**Notification Center was added, which provides an overview of alerts from applications and displays notifications until the user completes an associated action.**



# OS X v10.9

Mavericks

September  
2013

- The update places emphasis on battery life, and Finder enhancements.
- Added more of Apple's iOS apps to the OS X platform.

**During the first few weeks of release, a number of Western Digital external hard drive users complained about data losses and corruption.**





# OS X v10.10

Yosemite

October  
2014

- New features focus on increasing integration with other services such as iOS and iCloud
- Some icons changed to correspond with iOS 7 and iOS 8.

**Many components send data to Apple by default, reporting the user's current location (at the city level) and all their search queries to Apple and third parties.**

