



Mac OS

HISTORY OF APPLE[tm] MACINTOSH[tm] OPERATING SYSTEM




- **LisaDesk** : released, on January 1983, for Apple Lisa computer. On January 1985, Lisa 2-10, outfitted with MacWorks, was renamed Macintosh XL.
- **System 1** (1.0 and 1.1) : released respectively on January 1984 and May 1984, both versions were directly derived from LisaDesk offered less functionality, in favor of being more stable. Certain functions of LisaDesk were included in later versions of Mac[tm] OS, including Mac[tm] OS X.
- **System 2** (1.2 to 2.1) : while integrating new functions, the principal objective of this system was to allow a better management to compensate for the absence of a hard disk on first models of Macintosh.
- **System 3** (2.2 to 3.3) : this system accompanied, on 1986, the new Macintosh models. This system had more facility and was more powerful, it allowed the integration of new file format HFS, of new communications functionality, and laser printer support.
- **System 4 & 5** (4.0 to 5.1) : these systems accompanied the first Macintosh models with colour monitors, and allowed transition between mono-task system and cooperative multi-task system with first generation of Multifinder which made possible to manage several applications simultaneously.
- **System 6** (6.0 to 6.0.8) : improvements to the cooperative multi-task system with second generation of Multifinder. It was released in many specialized versions according to the model which was equipped to meet specific needs, particularly for graphic applications.
- **System 7** (7.0 to 7.6.1) : complete integration of cooperative multi-task processing inside the system, this system gradually integrated increasingly significant functionality concerning multimedia applications and Internet. Certain versions were noted for having stability problems.
- **Mac[tm] OS 8** (7.7 to 8.6) : this system was the first who offer a complete integration of multimedia applications and Internet functionality, which improved performance and stability. This system marked the end of the support of old architectures 680x0.
- **Mac[tm] OS 9** (8.7 to 9.2.2) : first multi-user system, this system allows transition towards the new system Unix based Mac OS X. This system marked the end of the support of cooperative multi-task processing and the support of 1st and 2nd generation of PowerPC architectures.
- **Mac[tm] OS X** (Rhapsody DR1 to 10.2) : new system generation with Unix foundation, symmetric multiprocessing, pre-emptive multitasking and protected memory. Released initially in a Server version for professionals, it was gradually improved to offer in a second

time a version for all customers.

- **Various informations**
- **Projects and rumors**
- **Darwin OS and links**

Year	Mac[tm] OS	Features	Macintosh family	
1979 -1983	<i>LisaDesk</i>	<i>Lisa Project</i> : first graphic and WIMP interface based on Alto research of Xerox[tm] Corporation	<i>Lisa, Lisa 2</i>	
1984 First age of Mac[tm] OS	<i>1st half</i>	1.0	Original system software with 8/24 bits architecture, Finder 1.0	128 K (first series)
		1.1	System software update (0.1), evolution of Finder (1.1) with Fonts support	128 K & 512 K (1984 & 1985)
	<i>2nd half</i>	1.2	Preliminary version of Mac[tm] OS 2.0, System software (0.3) and Finder (2.0) update with MiniFinder support	None
		1.3	Finder update (3.0) to fix several issues of Finder 2.0	None
1985 Windows appears	<i>1st half</i>	1.4	Finder update (4.0) to fix several issues of Finder 3.0	None
		2.0	Evolution of Finder (4.1) to fix several issues of Finder 4.0	512 K (1985)
	<i>2nd half</i>	2.1	System software update (0.5)	512 K (1985&1986)
		2.2	Preliminary version of Mac[tm] OS 3.0, System software (0.7) and Finder (5.0) update with HFS support First appearance of Laser Writer driver (1.0)	None



Microprocessor
Motorola[tm]
68000

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1986	<i>1st half</i>	3.0	Evolution of Finder (5.1) and Laser Writer driver (1.1) to fix several issues of Mac[tm] OS 2.2	Plus (1986)
		3.1	System software update (1.0) and evolution of Finder (5.2) for 512 Ke Laser Writer driver update (2.0)	512 Ke (first series)
	<i>2nd half</i>	3.2	Evolution of System software (1.1) and Finder (5.3) to fix several issues of Mac[tm] OS 3.1, Laser Writer driver update (3.0)	512 Ke, 512-800 & Plus(1986)
1987 Multifinder Mac[tm] OS take a new dimension	<i>1st half</i>	3.3	System software update (2.0), with 16/32 bits architecture, who include AppleShare Client Features. Evolutions of Finder (5.4) and Laser Writer driver (3.1)	II (first series)
		4.0	Evolution of System software (2.01) and Laser Writer driver (3.3), with specific System Enablers for Plus & SE.	Plus & SE (1987)
		4.1	Evolution of Finder (5.5) and System Enablers for II Laser Writer driver update (4.0), evolution of AppleShare (1.1)	II (1987)
	<i>2nd half</i>	4.2	New generation of System software with Easy Access, Color CDEV, etc... Finder update (6.0) with Multifinder support, Laser Writer driver update (5.0)	Plus & SE (1987)
		5.0	Evolution of Mac[tm] OS 4.2 with specific System Enablers for II	II (1987)
		4.3	New version of Apple HD SC Setup, Evolution of Laser Writer driver (5.1)	Plus & SE (1987 & 1988)
		5.1	Evolution of Mac[tm] OS 4.3 with specific System Enablers for II	II (1987 & 1988)





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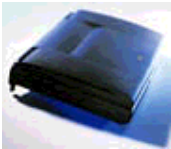

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1988	6.0	New generation of Multifinder and evolution of System software with SuperDrive support, Evolution of Laser Writer driver (5.2)	II, Plus & SE (1988)	68000 to 68030 <i>Back to the top</i>
	6.0.1	Evolution of System software with specific System Enablers for IIx	IIx	
1989	6.0.2	Evolution of System software, Finder and Multifinder with specific System Enablers for Plus & SE	Plus & SE (1989)	
	6.0.3	Evolution of System software with specific System Enablers for IIcx	IIcx	
	6.0.4	Evolution of System software with specific System Enablers for Portable and IICI	Portable & IICI (1989 & 1990)	
1990 Windows 3 appear	6.0.5	Evolution of System software, Finder and Multifinder with specific System Enablers for Plus, SE and IIfx	Plus & SE (1990), IIfx	
	6.0.6	Evolution of System software with specific System Enablers for IISI	IISI (first series)	
	6.0.7	Evolution of System software, Finder and Multifinder for Classic and LC	IISI, Classic & LC (1990)	
	6.0.8 6.0.8L	Evolution of System software who include new Laser Writer driver (6.0)	IISI, Classic & LC (1990 & 1991)	






1991 System 7 First multimedia Mac[tm] OS		7.0	New System software with improvement of co-operative multi-task processing and 32 bits architecture, include universal System Enablers, TrueType, FileSharing, Quick Time, etc... and adjustment of Laser Writer driver (7.0)	Classic, LC & II (1991)	Microprocessor Motorola[tm] 68030
		7.0.1	Evolution of System software, System Enablers and Finder for Classic II, LC II, Quadra 700/900 & Powerbook 100/140/145/170	Classic, Quadra & Powerbook (1991), LC II (first series)	
1992	<i>1st half</i>	7.0.1P	Evolution of System software, System Enablers and Finder for Performa	Performa (1992)	
	<i>2nd half</i>	7.1	System software and System Enablers update who include Fonts Folder, WorldScript and other new features, evolution of Laser Writer driver and Quick Time.	Powerbook, Classic, LC, Quadra & II (1992 & 1993), Centris (1993)	
1993		7.1P 7.1P2 7.1P6	Evolutions of System software, System Enablers and Finder for Performa	Performa (1993 & 1994)	

1994	<i>1st half</i>	7.1.1	System software and System Enablers update who include AppleScript, PowerTalk and updated Quicktime. Evolution of Finder.	LC & Quadra (1994)	 Microprocessor Motorola[tm] 68040 to 68060.1 <i>Back to the top</i>
		7.1.1s	Evolution of System software and System Enablers for Powerbook	Powerbook (1994)	
	<i>2nd half</i>	7.1.2	Evolution of System software and System Enablers for Power Macintosh 6100/7100/8100	Power Macintosh (1994)	
		7.1.2P	Evolution of System software and System Enablers for Performa/LC/Quadra 630	Quadra 630, LC & Performa (1994)	
		7.5	System software update who include universal System Enablers, QuickDraw GX AppleScript and over 50 new features, Quick Time and Laser Writer driver update	Quadra Performa, LC, Powerbook, Power Macintosh (1994 & 1995)	
1995	<i>1st half</i>	7.5.1	Evolution of System software, Finder and Laser Writer driver to fix several issues of Mac OS[tm] 7.5	Powerbook, LC, Power Macintosh, Quadra, Performa (1995)	
Windows					


Windows 95 appear			Evolutions of System software, System Enablers, Finder and Laser Writer driver for Power Macintosh 7200/7500/8500/9500 and Powerbook 190/500/2300/5300, include first version of Open Transport	Powerbook 190/500/2300/5300, Power Macintosh 7200/7500/8500/9500	
Mac[tm] OS take the way of Internet	<i>2nd half</i>	7.5.2			
	<i>1st half</i>	7.5.3	Evolutions of System software, System Enablers and Finder who include first versions of QuickDraw 3D, OpenDoc and Mac OS Runtime for Java (MRJ). Laser Writer driver update	Powerbook, LC, Power Macintosh & Performa (1996)	
1996	<i>2nd half</i>	7.5.4	Evolution of System software and System Enablers for Power Macintosh 5400/6400 and Powerbook 1400. Laser Writer driver update	Powerbook 1400, Power Macintosh 5400/6400	Microprocessor Motorola[tm] 68040 to 604e
		7.5.5	Evolutions of System software, System Enablers, Finder and Laser Writer driver for Power Macintosh 5500/6500/7300/7600	Power Macintosh 5500/6500/7300/7600	


1997 Mac[tm] OS open the door of the future	1st half	7.6	System software and Finder update with universal System Enablers Mac OS Runtime for Java (MRJ) and other features update Evolution of Laser Writer driver and Open Doc.	Powerbook, Quadra, Performa & Power Macintosh (1997)	
		7.6.1	Evolution of System software and System Enablers for Power Macintosh 8600/9600 and Powerbook 2400c180	Power Macintosh 8600/9600, Powerbook 2400c180	
		7.7	<i>Tempo Project:</i> preliminary version of Mac[tm] OS 8.0	None	
	<i>see below</i>				
	2nd half	8.0	New System software and Finder who include over 50 new features. System Enablers, Open transport and Laser Writer driver update. Evolution of Open Doc.	Powerbook & Power Macintosh (1997 & 1998)	




<p>1998</p> <p>Windows 98 appear</p> <p>Mac[tm] OS launch Sherlock</p>	<p><i>1st half</i></p>	<p>8.1</p>	<p>Evolution of System software and Finder with HFS+ support, Quick Time update, evolution of Open transport, Laser Writer driver and Mac OS Runtime for Java (MRJ)</p>	<p>Power Macintosh (last series), Powerbook & G3 (1998)</p>	
		<p>8.1j</p>	<p>Specific version of System software and System Enablers for Powerbook 2400c240</p>	<p>Powerbook 2400c240</p>	
		<p>8.1i</p>	<p>Specific version of System software, System Enablers and Finder for iMac[tm] who integrate Game Sprockets (USB, Firewire) support</p>	<p>iMac[tm] (1998)</p>	
		<p>8.2</p>	<p><i>Allegro Project:</i> preliminary version of Mac[tm] OS 8.5</p>	<p>None</p>	
	<p><i>2nd half</i></p>	<p>8.5</p>	<p>System software and Finder update who include universal System Enablers and first generation of Sherlock software Quick Draw, Open transport, Laser Writer driver, Mac OS Runtime for Java (MRJ) and other features update</p>	<p>Powerbook, G3 & iMac[tm] (1998)</p>	 <p>Microprocessor Motorola[tm] 603e to 750</p> <p><i>Back to the top</i></p>
		<p>8.5.1</p>	<p>Evolution of System software who include updated Sherlock software to fix compatibility issues with several network Proxies</p>	<p>Powerbook, G3 & iMac[tm] (1998 & 1999)</p>	

1999 Mac[tm] OS has already been on Y2K...	<i>1st half</i>	X Server 1.0	New Operating System, with Mac[tm] OS 8.5.1 support, enclose Mach 2.5 Kernel, OpenBSD, Adobe Display Postscript, Apache[tm] software and other specific features for G3 Server (1999)	G3 Server (1999)	
		8.6	Evolution of System software and Finder, who include new NanoKernel Sherlock software update, evolution of Open transport, Laser Writer driver and Mac OS Runtime for Java (MRJ)	Powerbook, G3 & iMac[tm] (1999), iBook[tm] & G4 (first series)	
		8.7	<i>Sonata Project:</i> preliminary version of Mac[tm] OS 9.0	None	
	<i>2nd half</i>	X Server 1.1 (1.0-2)	Evolution of Server system software with QuickTime Streaming Server support. Apache[tm] software and other features update.	G3 Server (1999)	Microprocessor Motorola[tm] 750 and 7400
		9.0	New Multiple User System software and Finder who include new chipset (UMA) support, Sherlock 2, WebSharing and over 50 new features. Quick Time and Open transport update. Evolution of Laser Writer driver and Mac OS Runtime for Java (MRJ)	Powerbook, G4, iBook[tm], iMac[tm], (1999 & 2000)	

<i>1st half</i>	X Server 1.2	Evolution of Server system software for G4 Server (2000 & 2001) with Mac[tm] OS 8.6 support. Apache[tm] software and other features update.	G4 Server (2000 & 2001)
	9.0.1 9.0.2 9.0.3	<i>Minuet Project:</i> preliminary versions of Mac[tm] OS 9.0.4	Powerbook, iBook[tm], iMac[tm] & G4 (2000)
	9.0.4	Evolution of System software, who include update of Open Transport and Power Manager software. Evolution of Mac OS Runtime for Java (MRJ), Quick Time and other features.	Powerbook, iBook[tm], iMac[tm] & G4 (2000)

<p>2000</p> <p>Windows 2000 and Millenium appears</p> <p>Mac[tm] OS start a NeXT[tm] generation</p>	<p><i>2nd half</i></p>	<p>9.0.4p</p>	<p>Specific evolution of some features of System software (Hard disk tools kit, etc...) with new Apple Pro Keyboard support for G4, G4 Cube and iMac</p>	<p>iMac[tm] , G4, G4 Cube (2000)</p>	 <p><i>Back to the top</i></p>
		<p>New Operating System encluse</p> <ul style="list-style-type: none"> ● Darwin OS core (Mach 3.0 Kernel, FreeBSD) ● Quartz drawing engine, OpenGL and QuickTime 			

		Xβ	<ul style="list-style-type: none"> • graphic supports • Cocoa library with Java 2 support, Carbon library • Mac[tm] OS 9.0.4 support and Aqua Interface <p>Third generation of Sherlock software, other features update.</p>	<p>None <i>See below</i></p>	
<p>2001 New millenary New Mac[tm] OS Windows XP appears</p>	<i>Ist half</i>	9.1	<p>System software and Finder update who include evolution of System enablers for new chipset (UMA 2) support. Evolution of Carbon library and other features.</p>	<p>Powerbook, iBook[tm], iMac[tm] G4 Cube& G4 (2001)</p>	
		<p>X^{10.0} 10.0.1 10.0.2 10.0.3 10.0.4 10.0.4p 9.2</p>	<p>System software update with new chipset (UMA 2) and Mac[tm] OS 9.1 support (Mac[tm] OS 9.2 on 10.0.4p). Quick Time update, evolution of Carbon library and other features.</p>	<p>Powerbook, iBook[tm], iMac[tm] G4 Cube& G4 (2001)</p>	
		<p>Server version of Mac[tm] OS X who include a DHCP server, LDAP support and other specific features</p>	<p>G4 Server (2001 & 2002)</p>	<p>Microprocessor Motorola[tm] 75x</p>	

	2nd half	X _{10.1} 9.2.1 10.1.1 10.1.2 9.2.2 10.1.3 10.1.4 10.1.5	and other specific features (Apache, QuickTime Streaming Server, WebObjects, etc..)	(2001 & 2002)	Microprocessor Motorola[tm] 74x0
	1st half		Evolution of System software who include support of Mac[tm] OS 9.2.x and improvement of peripheral support (DVD, AirPort, etc...) Open Transport update, evolution of Carbon library and other features. Server version of Mac[tm] OS X	Powerbook, iBook[tm], iMac[tm] G4 (2001) Powerbook, iBook[tm], iMac[tm] II, eMac[tm], G4 (2002) G4 Server (2002) xServe (2002)	 
2002 Apple takes out claws	2nd half	X _{10.2}	Complete update including a new version of Quick Time and Sherlock as well as about fifty new features (iChat, Address Book, Rendezvous, Ink, etc...) The server version contains besides new administration tools more adapted to the new xServe.	Powerbook, iBook[tm], iMac[tm], iMac[tm] II, eMac[tm], G4 (2002)	

In bold-faced type, you can find most current version of Mac[tm] OS (versions available for at least six months in several country)

- *Apple IIc and IIgs never pre-loaded with Mac[tm] OS*
- *Workgroup Server, Network Server and G3 Server (1998) pre-loaded with Mac[tm] OS (7.1 to 8.5.1) and AppleShare IP or A/UX operating system. Mac[tm] OS 7.5.5 for Workgroup Server need SCSI Server Update, and PPC Interrupt Extension.*
- *G3 Server (1999) pre-loaded with Mac[tm] OS X Server (1.0 or 1.1 (1.0-2)) or Mac[tm] OS (8.5.1 or 8.6) and AppleShare IP.*
- *G4 Server (1999) pre-loaded with Mac[tm] OS (8.6 or 9.0) and AppleShare IP.*
- *G4 Server (2000) pre-loaded with Mac[tm] OS X Server 1.2 or Mac[tm] OS (9.0 or 9.0.4) and AppleShare IP.*
- *G4 Server (2001) pre-loaded either with Mac[tm] OS X Server 1.2 or Mac[tm] OS X (10.0.3 to 10.1.2, Server version) or Mac[tm] OS (9.1) and AppleShare IP.*
- *G4 Server and xServe (2002) pre-loaded either with Mac[tm] OS X (10.1.2 to 10.2, Server version).*

Mac[tm] OS 1.2 to 1.4 : released only for developers and professionals to adjust

several features of Mac[tm] OS.

Mac[tm] OS 2.2 : released only for developers and professionals to adjust new Hierachical File System (HFS).

Mac[tm] OS 3.1 : released only with first series of Macintosh 512 Ke.

Mac[tm] OS 3.3 : released only with first series of Macintosh II.

Mac[tm] OS 4.2 to 5.1 : released only on few series of Macintosh Classic, II and SE.

Mac[tm] OS 6.06 : released only in U.S.A. with first series of Macintosh IIsi.

Mac[tm] OS 6.08 and 6.08L : released only in some countries on few series of Macintosh IIsi, Classic and LC.

Mac[tm] OS 7.1P2 and 7.1P6 : released only on few series of Macintosh Performa.

Mac[tm] OS 7.5 : released only few month as a shrink-wrapped product and on few series of Macintosh LC, Quadra, Performa, Powerbook and Power Macintosh.

Mac[tm] OS 7.5.3 : released with revision of System software on certain Apple models launched in the second half of 1996.

Mac[tm] OS 7.5.4, 7.5.5 and 7.6.1 : released only on few series of Powerbook and Power Macintosh, but many of Mac[tm] OS 7.5.2, 7.5.3 and 7.5.4 versions were updated towards the version 7.5.5 (Apple official recomendation).

Mac[tm] OS 7.7 : released only for developers and professionals. *Tempo Project* was first stage for Blue Box of *Rhapsody Project* for Mac[tm] OS API's.

Mac[tm] OS 8.1 : *Bride of Buster project* ultimate version available for old platform with microprocessor Motorola[tm] 680x0.

Mac[tm] OS 8.1j : pre-loaded only on Powerbook 2400c240.

Mac[tm] OS 8.2 : released only for developers and professionals. *Allegro Project* was second stage for Blue Box of *Rhapsody Project* for Mac[tm] OS API's.

Mac[tm] OS 8.5 : released only few month as a shrink-wrapped product and on few series of Powerbook, iMac[tm] and G3.

Mac[tm] OS X Server 1.0 : first full released of *Rhapsody Project* with Blue Box for Mac[tm] OS API's and Yellow Box for NeXT API'S.

Mac[tm] OS 8.6 : *Veronica project* released on first series of iBook[tm] and G4 with specific evolution of System Enablers and other features with unofficial trade name of Mac[tm] OS 8.6.1

Mac[tm] OS 8.7 : released only for developers and professionals. *Sonata Project* was fist stage of Mac[tm] OS X for Classic environnement, with old Mac[tm] OS API's, and Carbon library, with new Mac[tm] OS API'S.

Mac[tm] OS X Server 1.2 : revisions appears to allow some adjustment with evolutions of Apple range.

Mac[tm] OS 9.0.1 to 9.0.4 : the main focus of Mac[tm] OS 9.0.4 is to unify specific component features of Mac[tm] OS 9.0.1, 9.0.2 and 9.0.3 that were installed of certain Apple models launched in February and March 2000.

Historically, Apple has always shipped a system software release that unifies all the enablers, updated components and any new components shipped for specific hardware. The unified system software release will upgrade any Mac[tm] OS 9.0.x system to version 9.0.4.

Mac[tm] OS 9.0.4p : installed on certain Apple models launched with new Apple

Pro Keyboard on August 2000.

Mac[tm] OS 9.1 : released only for developers and professionals. *Fortissimo Project* is second stage of Mac[tm] OS X for Classic environment, with old Mac[tm] OS API's, and Carbon library, with new Mac[tm] OS API'S.

Mac[tm] OS X Beta : released as a shrink-wrapped product for Power Macintosh 7300/7500/7600/8500/8600/9500/9600 and for late platform with microprocessor Motorola[tm] PowerPC 75x or 74xx. After a first version release on September 2000, evolutions appears to allow some corrections before release of Mac[tm] OS X 10.0.

Mac[tm] OS 9.1 : **Ultimate version available for platform with microprocessor Motorola[tm] 60x**, except for certains models. *Fortissimo Project* was last stage of Mac[tm] OS X for Classic environment, with old Mac[tm] OS API's, and Carbon library, with new Mac[tm] OS API'S. It was proposed on certain Apple models, in first semester of 2001, with a specific System Enablers. Later updates not ever sold but suggested free in downloading to the users of Mac[tm] OS 9.1

Mac[tm] OS X 10.0.x :

- *Cheetah project* (10.0) released as a shrink-wrapped product for on March 24th 2001 in its first version, see above Beta version.
- First revision (10.0.1) was proposed, in downloading, on April 14th 2001 and delivers a number of improvements including better support for 3rd party USB devices, SSH support, Classic compatibility and overall application stability.
- Second revision (10.0.2) was proposed, in downloading, on May 1st 2001 and delivers a number of improvements including support for burning music CDs with CD-RW drives, the latest version of the Internet file transfer service (ftpd) and also features improvements in overall application.
- Third revision (10.0.3) was proposed, in downloading, on May 9th 2001 and pre-loaded on Apple range from May 21th 2001, to introduced Mac[tm] OS X in eight additional languages, fixed problems of security for ftpd and several issues of the second revision.
- Fourth revision (10.0.4) was proposed, in downloading, on June 22th 2001 and supplies an improvement of the support of certain peripherals, an improvement of the security for OpenSSH, a better integration in Powerbook G3 as well as improvements of stability and performances.
- An evolution of Mac[tm] OS X 10.0.4 (10.0.4p) was supplied only on G4 from July till September, 2001 with support of Mac[tm] OS 9.2 and an update of Web sharing.
- Server version of Mac[tm] OS X was proposed from the 10.0.3 version. Mac[tm] OS X 10.0.4 Server version improves functioning of AFP protocol , printing server, FTP, Mail and directory services. The update version also brings modifications to MySQL and Samba.

Mac[tm] OS 9.2.x : proposed only to allow a levelling of Mac[tm] OS 9.1 by integrating a support of software updates (QuickTime, OpenTransport, OpenGL, CarbonLib, etc.) and of new peripherals.

- *Moonlight project* (9.2) was supplied with Mac[tm] OS X 10.0.4p only on



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G4 from July till September, 2001.

- *Limelight project* (9.2.1) was supplied to update Mac[tm] OS 9.1 (including in Mac[tm] OS X 10.0.x) from August 22nd, 2001, then it was integrated with Mac [tm] OS X 10.1 from September, 25th, 2001.
- A revision (9.2.2) was supplied for update and integrated with Mac[tm] OS X 10.1.1 from December, 6th, 2001.

Mac[tm] OS X 10.1.x :

- *Puma project* (10.1) released on September 25th 2001, it was a global level of the corrections made on Mac[tm] OS X 10.0 to improve its stability and its performances.
- A security update was proposed on October 20th 2001 to provides increased security for application access privileges and Installer update was proposed on November 9th 2001.
- First revision (10.1.1) was proposed on November 13th, 2001 (November 20th, 2001 for Server version) to provides support of Mac[tm] OS 9.2.2 and Airport 2, an update of Carbon library and an improvement of the support of certain peripherals and network protocols.
- Second revision (10.1.2) was proposed on December 21th, 2001 (January 18th, 2002 for Server version) to provides support of AppleScriptStudio, IrDa connections and PC Card, an update of certain features and an improvement of the support of certain peripherals.
- iBook and New iMac[tm] was supplied on January 2002 with evolutions of the second revision (respectively Build 5P54c and Build 5P63 au lieu de Build 5P48).
- Third revision (10.1.3) was proposed on February 20th, 2002 (February 21th, 2002 for Server version) to provides an update version of Carbon library, an update of certain features and an improvement of the support of certain peripherals. A security update was proposed on April 5th 2001.
- Fourth revision (10.1.4) was proposed on April 17th, 2002 (April 16th, 2002 for Server version) to provides an improvement of the support of certain peripherals and network protocols, and a security update.
- Fifth revision (10.1.5) was proposed on June 6th, 2002 (idem for Server version) to provides an improvement of performances and the support of certain peripherals and network protocols. Correctives and security updates were proposed afterward for this revision, in particular an evolution of AppleScript and a better support of the iMac II.

Mac[tm] OS X 10.1.x :

- *Jaguar project* (10.2) released on August 24th 2002, this version offered new applications and allow a sensitive improvement of the graphic performances with Quark Extreme technology.

Copland Project was substituted by *Rhapsody project* in 1997, but much of elements of that were used on the posterior versions of Mac[tm] OS : Open Doc (7.5.3 to 8.6), Platinum interface (8.0 to 9.2.2), HFS+ (8.1 and later), Sherlock software (8.5 and later), Multiple User System (9.0 and later), etc...

	1991	1993	1997	1998
Mac[tm] OS 7.5 (1994)	1993 : <i>Mozart Project</i>	1994 : <i>Capone Project</i>	-	-
Mac[tm] OS 8.0 (1997)	1995 : <i>Copland Project</i>	1996 : <i>Copland Project</i>	1997 : <i>Tempo Project</i>	-
Mac[tm] OS 9.0 (1999)	1997 : <i>Gershwin Project</i>	1998 : <i>Gershwin Project</i>	1999 : <i>Rhapsody Project</i>	1999 : <i>Sonata Project</i>
Mac[tm] OS X Server (1999)	-	-	-	1999 : <i>Rhapsody Project</i>
Mac[tm] OS 10 (2000, β version)	-	-	-	2000 : <i>Cyan & Siam Project</i>

Internal Apple Codenames

Mac[tm] OS and Apple[tm] development (*with reservations*)

Mac[tm] OS X next versions :

- 2003, 2-nd half : Mac[tm] OS X (10.3 or 10.5, *??? Project*), with Mac[tm] OS 9.3 (*Starlight project*) support

Expected evolutions :

- 64 bits architecture a and new chipset (UMA 3) support, for new G5 (new microprocessor Motorola[tm] **8500**) : expected with Mac[tm] OS X 10.3 (and Mac[tm] OS 9.3)
- Multidesk support : expected with Mac[tm] OS X after 10.3 or 10.5

Mac[tm] OS **XI** (11.0) appear only at the time of the disappearance of the support of Mac[tm] OS 9 and/or of a significant evolution of the Darwin OS core.



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Darwin OS

Darwin is the core of Mac[tm] OS X.

The Darwin kernel is based on FreeBSD and Mach 3.0 technologies and provides protected memory and pre-emptive multitasking.

Darwin runs on PowerPC-based Macintosh computers and work is underway to get Darwin running on every personal computers like Intel boxes.

Apple Open Source

[Darwin OS Organisation](#)

[Darwin Info](#)



<http://www.apple-history.com>

