OS X Mavericks

OS X Mavericks (version 10.9) is the tenth major release of OS X (since June 2016 rebranded as macOS), Apple Inc.'s desktop and server operating system for Macintosh computers. OS X Mavericks was announced on June 10, 2013, at WWDC 2013, and was released on October 22, 2013 worldwide.

The update emphasized battery life, Finder improvements, other improvements for power users, and continued iCloud integration, as well as bringing more of Apple's iOS apps to OS X. Mavericks, which was named after the surfing location in Northern California,[5] was the first in the series of OS X releases named for places in Apple's home state; earlier releases used the names of big cats.[6][7]
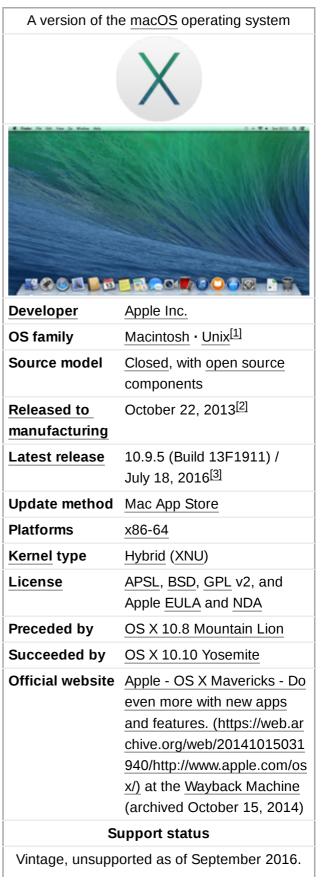
OS X Mavericks was the first OS X major release to be a free upgrade and the second overall since Mac OS X 10.1 "Puma".[6][8]

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History

Apple announced OS X Mavericks on June 10, 2013, during the company's Apple Worldwide Developers Conference (WWDC) keynote (which also introduced iOS 7, a revised MacBook Air, the sixth-generation AirPort Extreme, the fifth-generation AirPort Time Capsule, and a redesigned Mac Pro). During a keynote on October 22, 2013, Apple announced that the official release of 10.9 on the Mac App Store would be available

OS X 10.9 Mavericks

A version of the macOS operating system

Developer	Apple Inc.
OS family	Macintosh · Unix[1]
Source model	Closed, with open source components
Released to manufacturing	October 22, 2013[2]
Latest release	10.9.5 (Build 13F1911) / July 18, 2016[3]
Update method	Mac App Store
Platforms	x86-64
Kernel type	Hybrid (XNU)
License	APSL, BSD, GPL v2, and Apple EULA and NDA
Preceded by	OS X 10.8 Mountain Lion
Succeeded by	OS X 10.10 Yosemite
Official website	Apple - OS X Mavericks - Do even more with new apps and features. (https://web.archive.org/web/20141015031940/http://www.apple.com/osx/) at the Wayback Machine (archived October 15, 2014)
Support status	
Vintage, unsupported as of September 2016.	

immediately, and that unlike previous versions of OS X, 10.9 would be available at no charge to all users running Snow Leopard (10.6.8) or later.[9]

iTunes is no longer being updated, but does have partial support for newer devices.[4]

On October 22, 2013, Apple offered free upgrades for life on OS X and iWork.[10]

System requirements

OS X Mavericks can run on any Mac that can run OS X Mountain Lion; as with Mountain Lion, 2 GB of RAM, 8 GB of available storage, and OS X 10.6.8 (Snow Leopard) or later are required.[11] Mavericks and later versions are all available for free.[12]

The full list of compatible models:[13]

- iMac (Mid 2007 or later)
- MacBook (13-inch Aluminum, Late 2008), (13-inch Polycarbonate, Early 2009 or later)
- MacBook Pro (13-inch, Mid 2009 or later), (15-inch or 17-inch, Mid/Late 2007 or later)
- MacBook Air (Late 2008 or later)
- Mac Mini (Early 2009 or later)
- Mac Pro (Early 2008 or later)
- Xserve (Early 2009)

System features

The menu bar and the Dock are available on each display. Additionally, AirPlay compatible displays such as the Apple TV can be used as an external display.[14][15] Mission Control has been updated to organize and switch between Desktop workspaces independently between multiple displays.[14]

OS X Mavericks introduced App Nap, which sleeps apps that are not currently visible.[16][17][18][19][20] Any app running on Mavericks can be eligible for this feature by default.[18]

Compressed Memory is a virtual memory compression system which automatically compresses data from inactive apps when approaching maximum memory capacity.[16][17][21][22]

Timer coalescing is a feature that enhances energy efficiency by reducing CPU usage by up to 72 percent.[16][17][23][18][24] This allows MacBooks to run for longer periods of time and desktop Macs to run cooler.[25]

Apple now supports OpenGL 4.1 Core Profile[26] and OpenCL 1.2.[25] Server Message Block version 2 (SMB2) is now the default protocol for sharing files instead of AFP.[27][28] This is to increase performance and cross-platform compatibility.

Some skeuomorphs, such as the leather texture in Calendar, the legal pad theme of Notes, and the book-like appearance of Contacts, have been removed from the UI.[29][30]

iCloud Keychain stores a user's usernames, passwords and Wi-Fi passwords to allow the user to fill this information into forms when needed.[31][32]

The system has native LinkedIn sharing integration.[33][34]

IPoTB (Internet Protocol over Thunderbolt Bridge) Thunderbolt networking is supported in Mavericks.[35] This feature allows the user to quickly transfer a large amount of data between two Macs.[36]

Notification Center allows the user to reply to notifications instantly,[37][38] allows websites to send notifications,[39] and, when the user wakes up a Mac that was in a sleep state, displays a summary of missed notifications before the machine is unlocked.[40] Some system alerts, such as low battery, removal of drives without ejecting, and a failed Time Machine backup have been moved to Notification Center.[38]

The "traffic light" close, minimize, and maximize window buttons have appeared somewhat brighter than Mac OS X Lion and OS X Mountain Lion.

App features

Finder gets enhancements such as tabs,[14] fullscreen support, and document tags.[14][41][42][43] Pinch-to-zoom and swipe-to-navigate-history gestures have been removed, although both are supported anywhere else.

The new iBooks application allows the user to read books purchased through the iBooks Store. The app also allows the user to purchase new content from the iBooks Store,[44] and a night mode to make it easier to read in dark environments.[45]

The new Maps application allows the user the same functionality as in iOS Maps.[45][44]

The Calendar app has enhancements such as being able to add Facebook events,[46] and an estimate for the travel time of an event[47][48][14]

The Safari browser has a significantly enhanced JavaScript performance which Apple claims is faster than Chrome and Firefox.[49] A Top Sites view allows the user to quickly access the most viewed sites by default. However, the user can pin or remove websites from the view.[50] The sidebar now allows the user to view their bookmarks, reading list and shared links.[51] Safari can also auto-generate random passwords and remember them[52] through iCloud Keychain.[53]

Removed functionality

The Open Transport API has been removed.[54] USB syncing of calendar, contacts and other information to iOS devices has been removed, instead requiring the use of iCloud.[55][56] QuickTime 10 no longer supports many older video codecs and converts them to the ProRes format when opened. Older video codecs cannot be viewed in Quick Look.[57] Apple also removed the ability to sync mobile iCloud Notes if users upgraded their iOS device from iOS 8 to iOS 9, effectively forcing all Mavericks users to update or upgrade their computers.

Reception

OS X Mavericks has received mixed reviews.

One complaint is that Apple removed the local sync services, which forces users to get iCloud to sync iOS devices with the desktop OS.[55][56] However, this feature has since returned in the 10.9.3 and iTunes 11.2 updates.

The Verge stated that OS X Mavericks was "a gentle evolution of the Mac operating system".[58]

Release history

Unsupported

Version	Build	Date	OS name	Notes	Standalone download
10.9	13A603 (GM2)	October 22, 2013	Darwin 13.0	Original Mac App Store release	N/A
10.9.1	13B42	December 16, 2013		About the OS X Mavericks v10.9.1 Update	OS X Mavericks 10.9.1 Individual update (https://support.apple.com/kb/dl1715?locale=en_US)
10.9.2	13C64	February 25, 2014	Darwin 13.1	About the OS X Mavericks v10.9.2 Update	OS X Mavericks 10.9.2 Individual update (https://support.apple.com/kb/dl1725?locale=en_US) OS X Mavericks 10.9.2 Combo update (https://support.apple.com/kb/DL1726?locale=en_US)
	13C1021	April 22, 2014		About Security Update 2014-002 Mavericks	Security Update 2014-002 Mavericks (https://support.apple.com/kb/DL1740?locale=en_US)
10.9.3	13D65	May 15, 2014	Darwin 13.2	About the OS X Mavericks v10.9.3 Update	OS X Mavericks 10.9.3 Individual update (https://support.apple.com/kb/DL1745?locale=en_US) OS X Mavericks 10.9.3 Combo update (https://support.apple.com/kb/dl1746?locale=en_US)
10.9.4	13E28	June 30, 2014	Darwin 13.3	About the OS X Mavericks v10.9.4 Update	OS X Mavericks 10.9.4 Individual update (https://support.apple.com/kb/dl1754?locale=en_US) OS X Mavericks 10.9.4 Combo update (https://support.apple.com/kb/dl1755?locale=en_US)
10.9.5	13F34	September 17, 2014	Darwin 13.4	About the OS X Mavericks v10.9.5 Update	OS X Mavericks 10.9.5 Individual update (https://support.apple.com/kb/dl1761?locale=en_US) OS X Mavericks 10.9.5 Combo update (https://support.apple.com/kb/dl1760?locale=en_US)
		October 16, 2014		About the security content of Security Update 2014-005 Mavericks	Security Update 2014-005 Mavericks (https://support.apple.com/kb/dl1772?locale=en_US)
		January 27, 2015		About the security content of Security Update 2015-001 Mavericks	Security Update 2015-001 Mavericks (https://support.apple.com/kb/dl1788?locale=en_US)
	13F1066	March 9, 2015		About the security content of Security Update 2015-002 Mavericks	Security Update 2015-002 Mavericks (https://support.apple.com/kb/DL1797?locale=en_US)

	13F1077	April 8, 2015		About the security content of Security Update 2015-004 Mavericks	Security Update 2015-004 Mavericks (https://suppor t.apple.com/kb/DL1803?l ocale=en_US)
	13F1096	June 30, 2015		About the security content of Security Update 2015-005 Mavericks	Security Update 2015-005 Mavericks (https://suppor t.apple.com/kb/DL1825?l ocale=en_US)
	13F1112	August 13, 2015		About the security content of Security Update 2015-006 Mavericks	Security Update 2015-006 Mavericks (https://suppor t.apple.com/kb/DL1834?l ocale=en_US)
	13F1134	October 21, 2015		About the security content of Security Update 2015-007 Mavericks	Security Update 2015-007 Mavericks (https://suppor t.apple.com/kb/dl1846?lo cale=en_US)
	13F1507	December 8, 2015		About the security content of Security Update 2015-008 Mavericks	Security Update 2015-008 Mavericks (https://suppor t.apple.com/kb/DL1853?l ocale=en_US)
	13F1603	January 19, 2016		About the security content of Security Update 2016-001 Mavericks	Security Update 2016-001 Mavericks (https://suppor t.apple.com/kb/DL1857?l ocale=en_US)
	13F1712	March 21, 2016		About the security content of Security Update 2016-002 Mavericks	Security Update 2016-002 Mavericks (https://suppor t.apple.com/kb/DL1872?l ocale=en_US)
	13F1808	May 16, 2016		About the security content of Security Update 2016-003 Mavericks	Security Update 2016-003 Mavericks (https://suppor t.apple.com/kb/DL1878?l ocale=en_US)
	13F1911	July 18, 2016		About the security content of Security Update 2016-004 Mavericks	Security Update 2016-004 Mavericks (https://suppor t.apple.com/kb/dl1886?lo cale=en_US)

See also

- Aqua (user interface)
- macOS version history
- List of Macintosh software

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Preceded by **OS X 10.8 (Mountain Lion)**	**OS X 10.9 (Mavericks)** 2013	Succeeded by **OS X 10.10 (Yosemite)**