

# Safari version history

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The **version history** of Safari spans from 2003 to the present from its initial preview release for Mac OS X

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# Version compatibility

Operating system	Operating system version	Latest Safari version	Support
<u>macOS</u>	<u>Mac OS X 10.2 Jaguar</u>	1.0.3 (August 13, 2004)	2003–2004
	<u>Mac OS X 10.3 Panther</u>	1.3.2 <sup>[1]</sup> (January 11, 2006)	2003–2006
	<u>Mac OS X 10.4 Tiger</u>	4.1.3 <sup>[2]</sup> (November 18, 2010)	2005–2010
	<u>Mac OS X 10.5 Leopard</u>	5.0.6 <sup>[3]</sup> (July 20, 2011)	2007–2011
	<u>Mac OS X 10.6 Snow Leopard</u>	5.1.10 <sup>[4]</sup> (September 12, 2013)	2009–2013
	<u>Mac OS X 10.7 Lion</u>	6.1.6 <sup>[5]</sup> (August 13, 2014)	2011–2014
	<u>OS X 10.8 Mountain Lion</u>	6.2.8 <sup>[6]</sup> (August 13, 2015)	2012–2015
	<u>OS X 10.9 Mavericks</u>	9.1.3 <sup>[7]</sup> (September 1, 2016)	2013–2016
	<u>OS X 10.10 Yosemite</u>	10.1.2 <sup>[8]</sup> (July 19, 2017)	2014–2017
	<u>OS X 10.11 El Capitan</u>	11.1.2 <sup>[9]</sup> (July 9, 2018)	2015–2018
	<u>macOS 10.12 Sierra</u>	12.1.2 <sup>[10]</sup> (July 22, 2019)	2016–2019
	<u>macOS 10.13 High Sierra</u>	13.0.4 (October 30, 2019)	Since 2017
	<u>macOS 10.14 Mojave</u>	13.0.4 (October 30, 2019)	Since 2018
	<u>macOS 10.15 Catalina</u>	13.0.4 (October 30, 2019)	Since 2019
<u>Microsoft Windows</u>	<u>Windows 2000</u>	3.0.3 (August 1, 2007)	Unofficial
	<u>Windows XP SP1</u>	4.0.3 (August 11, 2009)	2007–2009
	<u>Windows XP SP2, SP3</u>	5.1.7 <sup>[11]</sup> (May 9, 2012)	2007–2012
	<u>Windows Vista</u>		
	<u>Windows 7</u>		2009–2012
	<u>Windows 8</u>		2012
	<u>Windows 10</u>		None

## Release history

Legend:	<input type="checkbox"/> <u>Obsolete</u>	<input type="checkbox"/> <u>Discontinued</u>	<input type="checkbox"/> <u>Beta</u>	<input checked="" type="checkbox"/> <u>Current</u>
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### Mac

### Safari 1

Table of versions: Safari 0/1.x				
Minor version	WebKit	Operating System	Release date	Features
0.8	48	<b>Mac OS X v10.2 - Mac OS X v10.3</b>	January 7, 2003	Public Beta. Initial release at <a href="#">Macworld</a> San Francisco.
0.9	73		April 14, 2003	Public Beta 2. <a href="#">Tabbed browsing</a> , forms and passwords autofill, browser reset (removes cookies, cache, etc.), <a href="#">Netscape</a> and <a href="#">Mozilla</a> bookmarks importing, improved support for web standards, improved <a href="#">AppleScript</a> support, more localizations.
1.0	85		June 23, 2003	First non-beta release. Safari is now default Mac OS X browser, faster autotabs, support for <a href="#">iSync</a> bookmark synchronization, all Mac OS X languages supported, more AppleScripts to control browser, improved support for web standards.
1.0.3	85.8.5		August 13, 2004	Improves the Safari rendering engine to expand third party application support and delivers the latest security enhancements.
1.1	100	<b>Mac OS X v10.3</b>	October 24, 2003	Released with Mac OS X v10.3. Improved speed, improved support for web standards, improved <a href="#">CSS</a> support.
1.2	125		February 2, 2004	Improved compatibility with websites and web applications. Support for personal certificate authentication. Full keyboard access for navigation. Ability to resume interrupted downloads. <a href="#">Sajax</a> and <a href="#">LiveConnect</a> support. XMLHttpRequest support.
1.3	312		April 15, 2005	Released with Mac OS X v10.3.9. Included most of the rendering speed and website compatibility improvements that were developed for 2.0. designMode support.
1.3.1	312.3		August 29, 2005	Improves website compatibility, application stability and support for 3rd party web applications.
1.3.2	312.5		January 11, 2006	Improves website compatibility, application stability and support for 3rd party web applications. Requires 1.3.1 in order to install.
1.3.2	312.6		January 12, 2006	Requires earlier version in order to install.

## Safari 2

Table of versions: Safari 2.x				
Minor version	WebKit version	Operating System	Release date	Features
2.0	412	<u>Mac OS X v10.4</u>	April 29, 2005	Dubbed "Safari RSS." Released with Mac OS X v10.4. Improved rendering speed and website compatibility. Integrated <u>RSS</u> and <u>Atom</u> reader. Integrated <u>PDF</u> viewer. <u>Private Browsing</u> mode and <u>Parental Controls</u> . Ability to save complete websites using the proprietary <u>WebArchive</u> format.
2.0.2	416.11		October 31, 2005	Safari passes the <u>Web Standards Project Acid2</u> test.
2.0.4	419.3		January 10, 2006	Most widely distributed version of Safari 2, available only as part of Mac OS X Update 10.4.4. <sup>[12]</sup> Last stable version released before version 3.0. Last Mac OS X-exclusive version, until version 6.0.

### Safari 3

Table of versions: Safari 3.x				
Minor version	WebKit version	Operating System	Release date	Features
3.0	522.11	<b>Mac OS X <u>v10.4</u></b>	June 11, 2007	Public beta. Initial release at the <u>Apple Worldwide Developers Conference</u> . Version for <u>Mac OS X v10.4.9</u> and later. Improved searching within web pages. Drag and drop tabs, and the ability to save a group of tabs as a single bookmark. Live resizing of text input fields. <u>Bonjour</u> support for bookmarks. Initial <u>SVG</u> support.
3.0.2	522.12		June 22, 2007	Public beta.
3.0.3	522.12.1		July 31, 2007	Public beta. Latest security updates.
3.0.4	523.10	<b>Mac OS X <u>v10.4 - 10.5</u></b>	October 26, 2007	Officially released with Mac OS X v10.5 out of beta. Includes the ability to re-arrange tabs by dragging, improved web standards support, the ability to display <u>SVG</u> images, and integration with the Dashboard, allowing users to create widgets from ordinary web pages. For web developers, Safari 3 includes a new "Web Inspector" similar to the <u>DOM Inspector</u> extension for <u>Mozilla Firefox</u> .
			November 14, 2007	Officially released for Mac OS X v10.4.11.
3.1	525.13		March 18, 2008	Introduces support for CSS Web fonts and animations and improves support for <u>SVG</u> and <u>HTML5</u> media. Performance improvements.
3.1.1	525.17		April 16, 2008	Improved stability and added security updates.
	525.20		May 28, 2008	Officially released with Mac OS X v10.5.3.
3.1.2	525.21		June 30, 2008	Officially released with Mac OS X v10.5.4.
3.2	525.26		November 13, 2008	Added phishing detection, <u>Extended Validation Certificate</u> support, security fixes.
3.2.1	525.27		November 24, 2008	Stability improvements.
3.2.3	525.28		May 12, 2009	Officially released with Mac OS X v10.5.7.

## Safari 4

Table of versions: Safari 4.x

Minor version	WebKit version	Operating System	Release date	Features
4.0 Beta	526.11.2	<b>Mac OS X v10.4 - 10.5</b>	June 11, 2008	First developer seed. Includes SquirrelFish JavaScript interpreter. Adds ability to save webpages as standalone web applications. Passes Acid3 test.
	528.16		February 24, 2009	Version 4 Public Beta. Added features include a "Top Sites" tool that tracks the user's most recently viewed pages, and notifies the user of content updates; Cover Flow support for history and bookmarks; and full history search. A new, radically redesigned UI, with the tabs now on top, has been implemented. The new Nitro engine (previously code named SquirrelFish Extreme) renders JavaScript 4.2 times faster than the previous release of Safari according to Apple test reports. A newly redesigned set of Developer Tools, Auto-Detect of Google searches and websites, and full page zooming have also been added. <sup>[13]</sup> The "save page as standalone web applications" feature from the first developer preview of Safari 4 has been removed. The full feature list on Apple's website describes the other 150 new features of Safari 4. <sup>[14]</sup>
	528.17		May 12, 2009	Public beta. Latest security updates.
4.0	530.17	<b>Mac OS X v10.4 - 10.6</b>	June 8, 2009	Stable release, officially released at WWDC. Tabs, which were located in the title bar in 4.0 beta releases, have been returned to their original location under the bookmarks bar.
4.0.1	530.18		June 17, 2009	Improved compatibility with iPhoto '09.
4.0.2	530.19		July 8, 2009	Improves stability of Nitro JavaScript engine and includes the latest compatibility and security fixes. Officially released with Mac OS X 10.5.8 on August 5, 2009.
4.0.3	531.9		August 11, 2009	Stability improvements for webpages that use the HTML5 video tag. Fixes an issue that prevented some users from logging into iWork.com. Fixes an issue that could cause web content to be displayed in greyscale instead of color.
4.0.4	531.21.10		November 11, 2009	Improves JavaScript and Full History Search performance. Improves stability of third-party plug-ins, search field, and Yahoo! Mail. Adds latest security fixes.
4.0.5	531.22.7		March 11, 2010	Improves Top Sites performance. Improves stability for third-party plug-ins and websites with online forms and Scalable Vector Graphics. Fixes issues that prevented Safari from changing settings on some Linksys routers and prevented some iWork.com users from commenting on documents.

4.1	533.16	<b>Mac OS X v10.4</b>	June 7, 2010	Improves performance of JavaScript, Top Sites, and trackpad pinch gestures. Adds faster page loading with DNS prefetching and improved page caching, and Bing search option in the Search Field. Improves support for HTML5, auto-complete in the Smart Address Field, tabbed browsing, Full History Search, Private Browsing, protection from cross-site scripting with XSS auditing, support for web applications that use JavaScript Object Notation, and developer tools. Improves performance and stability when pasting text into text fields in webpages, auto-complete functions, PDF handling, and transferring images from Safari to iPhoto, when using Facebook and eMusic. Improves reliability of authentication to Windows IIS. Fixes an issue that prevented some users from dragging files when logged into <a href="http://etrade.com">etrade.com</a> .
4.1.1	533.17.8		July 28, 2010	More accurate Top Hit results in the Address Field and timing for CSS animations. Adds better stability when scrolling through MobileMe Mail. Fixes an issue that prevented Google Wave and other websites using JavaScript encryption libraries from working correctly on 32-bit systems, an issue that prevented Safari from launching on systems with network home directories, an issue that could cause borders on YouTube thumbnails to disappear when hovering over the thumbnail image, an issue that could cause Flash content to overlap with other content on Facebook, Crate and Barrel, and other sites when using Flash 10.1, an issue that prevented boarding passes from American Airlines from printing correctly, an issue that could cause DNS prefetching requests to overburden certain routers, and an issue that could cause VoiceOver to misidentify elements of webpages.
4.1.2	533.18.5		September 7, 2010	Fixes an issue that could prevent users from submitting web forms.
4.1.3	533.19.4		November 18, 2010	Improves accuracy of Top Sites and Top Hit results in the address bar. Fixes an issue with Flash 10.1 that caused overlapping of webpage content. Improves reliability of pop-up blocking. Improves stability of typing in text fields on <a href="http://netflix.com">netflix.com</a> and <a href="http://facebook.com">facebook.com</a> . Improves stability of VoiceOver.

## Safari 5

Table of versions: Safari 5.x				
Minor version	WebKit version	Operating System	Release date	Features
5.0	533.16	<b>Mac OS X v10.5 - 10.6</b>	June 7, 2010	Added new features including Safari Reader, Bing Search, and Safari Development Tools. Improves JavaScript performance, page caching, and DNS prefetching. Improves support for HTML5. Other improvements and features include smarter address field, tabs settings, search history with date, Top Sites/history button, private browsing icon, XSS auditor, and the return of the address bar loading status indicator. Included in the <u>Mac OS X v10.6.4 update</u> .
5.0.1	533.17.8		July 28, 2010	Added a new feature: Safari Extensions. Provides more accurate Top Hit results in the Address Field and timing for CSS animations. Adds better stability when using the Safari Reader keyboard shortcut and scrolling through <u>MobileMe</u> Mail. Fixes display of multipage articles from <u>Rolling Stone</u> in Safari Reader. Fixes an issue that prevented Google Wave and other websites using JavaScript encryption libraries from working correctly on 32-bit systems, an issue that prevented Safari from launching on Leopard systems with network home directories, an issue that could cause borders on <u>YouTube</u> thumbnails to disappear when hovering over the thumbnail image, an issue that could cause Flash content to overlap with other content on <u>Facebook</u> , <u>Crate and Barrel</u> , and other sites when using Flash 10.1, an issue that prevented boarding passes from <u>American Airlines</u> from printing correctly, an issue that could cause DNS prefetching requests to overburden certain routers, and an issue that could cause VoiceOver to misidentify elements of webpages.
5.0.2	533.18.5		September 7, 2010	Fixes issues that prevented submission of web forms, fixes issues that caused incorrect displaying of content in Google Images with Flash Player 10.1 installed, and establishes encrypted and authenticated connection to Safari Extensions Gallery.
5.0.3	533.19.4		November 18, 2010	Improves accuracy of Top Sites, and Top Hit results in address bar. Fixes an issue with Flash 10.1 that caused overlapping of webpage content. Improves reliability of pop-up blocking. Improves stability of typing in text fields on <u>Netflix</u> and <u>Facebook</u> . Improves stability of JavaScript extensions. Improves stability of VoiceOver.
5.0.4	533.20.27		March 9, 2011	Improves stability for webpages with multiple plug-in content. Improves compatibility with webpages with image reflections and transition effects. Fixes an issue that caused



				webpages to print with incorrect layouts. Fixes an issue that caused webpages with plug-in content to display incorrectly. Fixes an issue that caused the screen saver to appear while a video is playing. Improves compatibility with VoiceOver on webpages with text input areas and lists with selectable items. Improves stability when using VoiceOver.
5.0.5	533.21.1		April 14, 2011	Security update.
5.0.6	533.22.3	<b><u>Mac OS X v10.5</u></b>	July 20, 2011	Stability improvements for web applications that use WebSocket with certain proxy configurations. Improvements to the appearance and layout of text with HTML5 ruby annotations. A fix for an issue that could cause elements in frames to appear in the wrong place on <a href="http://Pandora.com">Pandora.com</a> and other websites.
5.1	534.48.3	<b><u>Mac OS X v10.6 - 10.7</u></b>		Bundled with Mac OS X v10.7. New features include Reading List for managing webpages and links, new process architecture for improved stability and responsiveness, Resume for launching windows from a previous browsing session, improved privacy settings, Private AutoFill, additional text search controls, and the ability to drag and drop items from the Downloads window. Introduces support for full-screen webpages, media caching with the HTML5 application cache, MathML, Web Open Font Format, CSS3 auto-hyphenation, CSS3 vertical text, CSS3 text emphasis, Window.onError, and formatted XML files. Adds new Extensions APIs, including support for popovers, menus, new event classes, and interaction with Safari Reader.
5.1.1	534.51.22			Bundled with Mac OS X v10.7.2. Adds support for iCloud syncing of bookmarks and Reading List. Improves JavaScript performance. Contains improvements to performance, stability, usability, compatibility, accessibility, and security.
5.1.2	534.52.7			Improves stability. Addresses issues with hangs, excessive memory usage, and white flashes within webpages. Allows PDFs to be displayed within web content.
5.1.3	534.53.10			Bundled with <u>Mac OS X v10.7.3</u> .
5.1.4	534.54.16			Improved Javascript performance. Improve responsiveness when typing into the search field after changing network configurations, or with an intermittent network connection. Address an issue that could cause webpages to flash white when switching between Safari windows. Address issues that prevented printing U.S. Postal Service shipping labels and embedded PDFs. Preserve links in PDFs saved from

				webpages. Fix an issue that could make Flash content appear incomplete after using gesture zooming. Fix an issue that could cause the screen to dim while watching HTML5 video. Improve stability, compatibility, and startup time when using extensions. Allow cookies set during regular browsing to be available after using Private Browsing. Fix an issue that could cause some data to be left behind after pressing the “Remove All Website Data” button. <sup>[15]</sup>
5.1.5	534.55.3		March 26, 2012	Contains a fix for an issue that could affect website usability when running Safari in 32-bit mode; other stability improvements. <sup>[16]</sup>
5.1.6	534.56.5	<b><u>Mac OS X v10.7</u></b>	May 9, 2012	Bundled with <u>Mac OS X v10.7.4</u> , contains stability improvements.
5.1.7	534.57.2	<b><u>Mac OS X v10.6 - 10.7</u></b>	May 9, 2012	Improve the browser's responsiveness when the system is low on memory. Fix an issue that could prevent webpages from responding after using a pinch to zoom gesture. Fix an issue that could affect websites using forms to authenticate users. Disable versions of Adobe Flash Player that do not include the latest security updates and provide the option to get the current version from Adobe's website.
5.1.8	534.58.2	<b><u>Mac OS X v10.6</u></b>	March 14, 2013	Security updates <sup>[17]</sup>
5.1.9	534.59.8		April 16, 2013	Security updates <sup>[18]</sup>
5.1.10	534.59.10		September 12, 2013	Security updates <sup>[19]</sup>

## Safari 6

Table of versions: Safari 6.x				
Minor version	WebKit version	Operating System	Release date	Features
6.0	536.25	<b><u>OS X v10.7 - 10.8</u></b>	July 25, 2012	Improved Javascript performance. Website URL and Search are now in one bar. iCloud integration added. Twitter integration added. Overall faster performance. More HTML5 support.
6.0.1	536.26		September 21, 2012	Bundled with OS X 10.8.2. Adds SSL support for Google searches from the Smart Search Field in Safari.
6.0.2	536.26.17		November 1, 2012	Security fixes only.
6.0.3	536.28.10		March 14, 2013	Contains fixes that improve performance, stability, and security. [1] ( <a href="http://macdailynews.com/2013/03/14/apple-releases-safari-6-0-3/">http://macdailynews.com/2013/03/14/apple-releases-safari-6-0-3/</a> )
6.0.4	536.29.13		April 16, 2013	Security updates [18]
6.0.5	536.30.1		June 5, 2013	
6.1	537.43.58		June 11, 2013	New Sidebar with Shared Links, Bookmarks and Reading List. Redesigned Top Sites. Power-saving technologies.
6.1.1	537.73.11		December 16, 2013	Security update.[20]
6.1.2			February 25, 2014	Security update.[21]
6.1.3			April 1, 2014	Security update.[22]
6.1.4			May 21, 2014	Security update.[23]
6.1.5			June 30, 2014	Security update.[24]
6.1.6	537.78.2[25]		August 13, 2014	Security update.[26]
6.2		<b><u>OS X 10.8</u></b>	September 18, 2014	Security update.[27]
6.2.1			December 4, 2014	Security update.[28]
6.2.2			December 11, 2014	Security update.[29]
6.2.3			January 27, 2015	Security update.[30]
6.2.4			March 17, 2015	Security update.[31]
6.2.5			April 8, 2015	Security update.[32]
6.2.6			May 6, 2015	Security update.[33]
6.2.7			June 30, 2015	Security update.[34]
6.2.8	537.85.17		August 13, 2015	Security update.[6]

## Safari 7

Table of versions: Safari 7.x				
Minor version	WebKit version	Operating System	Release date	Features
7.0	537.71	<b><u>OS X 10.9</u></b>	October 22, 2013	Bundled with OS X 10.9 Developer Preview 1. New Sidebar with Shared Links, Bookmarks and Reading List. Redesigned Top Sites. Nitro Tiered JIT, Fast Start and power-saving technologies. <sup>[35]</sup>
7.0.1	537.73.11		December 16, 2013	Security update. <sup>[20]</sup> Bundled with OS X 10.9.1 <sup>[36]</sup>
7.0.2			February 25, 2014	Security update. <sup>[21]</sup>
7.0.3	537.75.14		April 1, 2014	Security update. <sup>[22]</sup> Bundled with OS X 10.9.3 <sup>[37]</sup>
7.0.4	537.76.4		May 21, 2014	Security update. <sup>[23]</sup>
7.0.5	537.77.4		June 30, 2014	Security update. <sup>[24]</sup> Bundled with OS X 10.9.4 <sup>[38]</sup>
7.0.6	537.78.2		August 13, 2014	Security update. <sup>[26]</sup> Bundled with OS X 10.9.5 <sup>[39]</sup>
7.1			September 18, 2014	Security update. <sup>[27]</sup>
7.1.1			December 4, 2014	Security update. <sup>[28]</sup>
7.1.2			December 11, 2014	Security update. <sup>[29]</sup>
7.1.3	600.3.18		January 27, 2015	Security update. <sup>[30]</sup>
7.1.4			March 17, 2015	Security update. <sup>[31]</sup>
7.1.5			April 8, 2015	Security update. <sup>[32]</sup>
7.1.6			May 6, 2015	Security update. <sup>[33]</sup>
7.1.7			June 30, 2015	Security update. <sup>[34]</sup>
7.1.8	600.8.9		August 13, 2015	Security update. <sup>[6]</sup>

## Safari 8

Table of versions: Safari 8.x				
Minor version	WebKit version	Operating System	Release date	Features
8.0	538.35.8	<b><u>OS X 10.10</u></b>	October 16, 2014	Bundled with OS X 10.10. Browser gets first new logo in 11 years, similar in style to iOS 7-onwards. <sup>[40]</sup> Support for <u>APNG</u> was added. <sup>[41]</sup>
8.0.1			December 4, 2014	Security update. <sup>[28]</sup>
8.0.2			December 11, 2014	Security update. <sup>[29]</sup>
8.0.3			January 27, 2015	Security update. <sup>[30]</sup>
8.0.4			March 17, 2015	Security update. <sup>[31]</sup>
8.0.5			April 8, 2015	Security update. <sup>[32]</sup>
8.0.6	600.6.3		May 6, 2015	Security update. <sup>[33]</sup>
8.0.7	600.7.12		June 30, 2015	Security update. <sup>[34]</sup>
8.0.8			August 13, 2015	Security update. <sup>[6]</sup>

## Safari 9

Table of versions: Safari 9.x				
Minor version	WebKit version	Operating System	Release date	Features
9.0	601.1.56	<b><u>OS X 10.9 - 10.11</u></b>	September 30, 2015	Bundled with 10.11. <sup>[42]</sup>
9.0.1	601.2.7		October 21, 2015	Security update. <sup>[43]</sup>
9.0.2	601.3.9		December 8, 2015	Security update. <sup>[44]</sup>
9.0.3	601.4.4		January 15, 2016	Security update. <sup>[45]</sup>
9.1	601.5.17		March 21, 2016	Adds support for <picture> element, iOS gesture events, CSS variables, CSS font features. <sup>[46]</sup>
9.1.1	601.6.17		May 17, 2016	Security updates and improved memory handling. <sup>[47]</sup>
9.1.2	601.7.1		July 18, 2016	Security and stability update <sup>[48]</sup>
9.1.3	601.7.8		September 1, 2016	Security and stability update <sup>[49]</sup>

## Safari 10

Table of versions: Safari 10.x				
Minor version	WebKit version	Operating System	Release date	Features
10.0	602.1.50	<b>OS X 10.10 - macOS 10.12</b>	September 20, 2016	<p>Bundled with macOS 10.12 Sierra.</p> <p>Ends support for OS X 10.9 Mavericks.</p> <ul style="list-style-type: none"> <li>Support for new kind of native extensions distributed through Mac App Store<sup>[50]</sup></li> <li>New Bookmarks sidebar, including double-click to focus in on a folder<sup>[51]</sup></li> <li>Redesigned Bookmarks and History views<sup>[51]</sup></li> <li>Site-specific zoom: Safari remembers and re-applies your zoom level to websites<sup>[51]</sup></li> <li>Improved AutoFill from Contacts card<sup>[51]</sup></li> <li>Reader improvements, including in-line sub-headlines, bylines, and publish dates<sup>[51]</sup></li> <li>Legacy plug-ins are turned off by default in favor of HTML5 versions of websites<sup>[51]</sup></li> <li>Allow reopening of recently closed tabs through the History menu, holding the "+" button in the tab bar, or using Shift-Command-T<sup>[51]</sup></li> <li>When a link opens in a new tab, it is now possible to hit the back button or swipe to close it and go back to the original tab<sup>[51]</sup></li> <li>Improved ranking of Frequently Visited Sites<sup>[51]</sup></li> <li>Web Inspector Timelines Tab<sup>[51]</sup></li> <li>Debugging using Web Inspector<sup>[51]</sup></li> </ul>
10.0.1	602.2.14		October 24, 2016	Security and stability update <sup>[52]</sup>
10.0.2	602.3.12		December 13, 2016	Security and stability update <sup>[53]</sup>
10.0.3	602.4.8		January 23, 2017	Security and stability update <sup>[54]</sup>
10.1	603.1.30		March 27, 2017	<p>New web technology additions and improvements such as Fetch API, CSS Grid Layout, ECMAScript 2016 &amp; ECMAScript 2017, IndexedDB 2.0, Custom Elements, Gamepad API, Pointer Lock API, interactive form validation, input events, HTML5 download attribute support, HTML Media Capture, improved fixed and sticky element positioning, improved Web Inspector debugging, CSS wide-gamut colors support, reduced motion media query, and more.<sup>[55][56]</sup> Also includes security fixes.<sup>[57]</sup></p>
10.1.1	603.2.4		May 15, 2017	Security and stability update <sup>[58]</sup>
10.1.2	603.3.8		July 19, 2017	Security and stability update <sup>[8]</sup>

## Safari 11

Table of versions: Safari 11.x				
Minor version	WebKit version	Operating System	Release date	Features
11.0	604.2.4 <sup>[59]</sup>	<b>OS X 10.11 - macOS 10.13</b>	September 19, 2017	Bundled with macOS 10.13 High Sierra. <sup>[60]</sup> Ends support for OS X 10.10 Yosemite. <ul style="list-style-type: none"> <li>Stops audio from automatically playing on most websites</li> <li>Includes Intelligent Tracking Prevention that identifies trackers on webpages and prevent them from gathering data about you<sup>[61]</sup></li> <li>Configure Reader, content blockers, page zoom, and auto-play settings on a per-website basis, or for all websites</li> <li>Includes updated media controls for HTML5 video and audio</li> <li>Adds support for new web technologies such as <u>WebRTC</u>, <u>Media Capture API</u>, <u>Resource Timing API</u>, <u>WebAssembly</u>, variable fonts, CSS strokes and more.<sup>[62]</sup></li> <li>Security fixes<sup>[63]</sup></li> </ul>
11.0.1			October 31, 2017	Security update <sup>[64]</sup>
11.0.2			December 6, 2017	Security update <sup>[65]</sup>
11.0.3			January 23, 2018	Security update <sup>[66]</sup>
11.1	605.1.33 <sup>[59]</sup>		March 29, 2018	Bundled with macOS High Sierra 10.13.4. <sup>[67]</sup> <ul style="list-style-type: none"> <li>Adds support for new web technologies such as <u>Service Workers</u>, <u>Payment Request API</u>, <u>Beacon API</u>, <u>Subresource Integrity</u>, improved <u>ECMAScript 2018</u> support and more.<sup>[68]</sup></li> <li>Helps protect privacy by only AutoFilling usernames and passwords after selecting them in a web form field<sup>[69]</sup></li> <li>Displays warnings in the Smart Search Field when interacting with password or credit card forms on non-encrypted web pages<sup>[69]</sup></li> <li>Security fixes<sup>[70]</sup></li> </ul>
11.1.1			June 1, 2018	Security update <sup>[71]</sup>
11.1.2			July 9, 2018	Security update <sup>[9]</sup>

## Safari 12

Table of versions: Safari 12.x				
Minor version	WebKit Version	Operating System	Release Date	Features
12.0	606.1.36 <sup>[59]</sup>	macOS <u>10.12</u> - <u>10.14</u>	September 17, 2018	Bundled with macOS 10.14 Mojave. <sup>[72]</sup> Ends support for OS X 10.11 El Capitan. <ul style="list-style-type: none"><li>Favicons in each tab.</li><li>Automatically generates strong unique passwords.</li><li>Added support for filling in security codes via <u>SMS</u>.</li><li>Added support for WOFF2 and TTC files.</li><li>Improves tracking prevention with Intelligent Tracking Prevention 2.0.</li><li>Added support for debugging <u>WebGL</u> shaders.</li><li>Deprecated .safariextz type extensions; extensions must now be installed from the <u>Mac App Store</u>.</li><li>Removed support for running legacy NPAPI plug-ins, except for Adobe Flash.</li><li>Security fixes<sup>[73]</sup></li></ul>
12.0.1			October 30, 2018	Security update <sup>[74]</sup>
12.0.2			December 5, 2018	Security update <sup>[75]</sup>
12.0.3			January 22, 2019	Security update <sup>[76]</sup>
12.1	607.1.40 <sup>[59]</sup>		March 25, 2019	Bundled with macOS 10.14.4. <sup>[77]</sup> <ul style="list-style-type: none"><li>Adds support for new web technologies such as prefers-color-scheme <u>CSS media query</u>, Intersection Observer API, Web Share API, &lt;input type="color"&gt;, &lt;datalist&gt; HTML element and more.</li><li>Removes support for <u>Do Not Track</u>.</li><li>Displays a 'Not Secure' warning on the Smart Search Field on all unencrypted HTTP web pages.</li><li>Security fixes<sup>[78]</sup></li></ul>
12.1.1			May 13, 2019	Security update <sup>[79]</sup>
12.1.2			July 22, 2019	Security update <sup>[10]</sup>

## Windows

### Safari 3



Table of versions: Safari 3.x				
Minor version	WebKit version	Operating System	Release date	Features
3.0	522.11.3	<u>Windows XP, Vista</u>	June 11, 2007	Public beta, first release for Windows XP and Windows Vista (not officially supported on Windows 2000). Announced at the Apple Worldwide Developers Conference. Feature parity with Mac OS X version.
3.0.1	522.12.2		June 13, 2007	Public beta, second release for Windows XP and Windows Vista. Major security updates.
3.0.2	522.13.1		June 22, 2007	Public beta, third release for Windows XP and Windows Vista. Security updates.
3.0.3	522.15.5		August 1, 2007	Public beta, fourth Windows release. Includes major stability enhancements, including a fix for a memory leak.
3.0.4	523.12.9		November 14, 2007	Public beta, fifth Windows release. Fixes many UI behavior issues, though issues still remain. Ends unofficial support for Windows 2000 (will not run). Added many keyboard shortcut functions found in most major browsers (for example, switching tabs).
	523.13		December 17, 2007	Safari 3 Beta 3.0.4 Security Update: A security update meant to prevent cross-site scripting attacks was applied to the existing release of Safari. <sup>[80]</sup>
	523.15		December 21, 2007	Safari 3 Beta 3.0.4 Security Update v1.1: This update fixes an issue introduced with the previous security update "that may cause Safari to unexpectedly quit when browsing certain websites."
3.1	525.13		March 18, 2008	First stable release of Safari for Windows. Introduces support for CSS Web fonts and animations and improves support for SVG and HTML5 media. Performance improvements. Added automatic spell checker for searches.
3.1.1	525.17		April 16, 2008	Improved stability and added security updates.
3.1.2	525.21		June 19, 2008	Improved stability and added security updates.
3.2	525.26.13		November 13, 2008	Added phishing detection, Extended Validation Certificate support, security fixes.
3.2.1	525.27.1		November 24, 2008	Stability improvements.
3.2.2	525.28.1		February 12, 2009	Security updates.
3.2.3	525.29.1		May 12, 2009	Security updates.

## Safari 4

Table of versions: Safari 4.x

Minor version	WebKit version	Operating System	Release date	Features
4.0	526.12.2	<b>Windows XP, Vista, 7</b>	June 11, 2008	First developer seed. Includes SquirrelFish JavaScript interpreter. Adds ability to save webpages as standalone web applications. Passes Acid3 test. Added optional Windows native font rendering.
	528.1.1		August 22, 2008	Second developer seed. New developer menu, redesigned Web Inspector, and JavaScript developer tools. Also includes elements from the new Webkit versions, such as support for new CSS features, as well as improved support for <a href="#">HTML5</a> in general. <sup>[81]</sup>
	528.16		February 24, 2009	Version 4 Public Beta. Added features include a "Top Sites" tool that tracks the user's most recently viewed pages, and notifies the user of content updates; Cover Flow support for history and bookmarks; and full history search. A new, radically redesigned UI, with the tabs now on top, has been implemented. The new Nitro engine (previously code named SquirrelFish Extreme) renders JavaScript 4.2 times faster than the previous release of Safari according to Apple test reports. A newly redesigned set of Developer Tools, Auto-Detect of Google searches and websites, and full page zooming have also been added. The "save page as standalone web applications" feature from the first developer preview of Safari 4 has been removed. Look and feel more native to the Windows UI. Apple font smoothing is now an option; Safari can be configured to adhere to the default Windows system font smoothing setting. The full feature list on Apple's website describes the other 150 new features of Safari 4.
	528.17		May 12, 2009	Public beta. Latest security updates.
4.0.1	530.17		June 8, 2009	Stable release, officially released at WWDC. Tabs, which were located in the title bar in 4.0 beta releases, have been returned to their original location under the bookmarks bar.
4.0.2	530.19.1		July 8, 2009	Improves stability of Nitro JavaScript engine and includes the latest compatibility and security fixes.
4.0.3	531.9.1		August 11, 2009	Stability improvements for webpages that use the <a href="#">HTML5</a> video tag. Fixes an issue that prevented some users from logging into iWork.com. Fixes an issue that could cause web content to be displayed in greyscale instead of color. <ul style="list-style-type: none"> <li>▪ <b>Last version to support Windows XP RTM and SP1.</b></li> </ul>
4.0.4	531.21.10		November 11, 2009	Improves JavaScript and Full History Search

			performance. Improves stability of third-party plug-ins, search field, and Yahoo! Mail. Adds latest security fixes. Added support for Windows 7.
4.0.5	531.22.7	March 11, 2010	Improves Top Sites performance. Improves stability for third-party plug-ins and websites with online forms and Scalable Vector Graphics. Fixes issues that prevented Safari from changing settings on some Linksys routers and prevented some iWork.com users from commenting on documents.

## Safari 5

Table of versions: Safari 5.x				
Minor version	WebKit version	Operating System	Release date	Features
5.0	533.16	<b>Windows XP, Vista, 7</b>	June 7, 2010	Added new features including Safari Reader, Bing Search, and Safari Development Tools. Improves JavaScript performance, page caching, and DNS prefetching. Improves support for HTML5. Other improvements and features include smarter address field, tabs settings, search history with date, Top Sites/history button, private browsing icon, XSS auditor, and hardware acceleration.
5.0.1	533.17.8		July 28, 2010	Added a new feature: Safari Extensions. Provides more accurate Top Hit results in the Address Field and timing for CSS animations. Adds better stability when using the Safari Reader keyboard shortcut and scrolling through <u>MobileMe</u> Mail. Fixes display of multipage articles from <u>Rolling Stone</u> in Safari Reader. Fixes an issue that prevented Google Wave and other websites using JavaScript encryption libraries from working correctly on 32-bit systems, an issue that could cause borders on <u>YouTube</u> thumbnails to disappear when hovering over the thumbnail image, an issue that could cause Flash content to overlap with other content on <u>Facebook</u> , <u>Crate and Barrel</u> , and other sites when using Flash 10.1, an issue that prevented boarding passes from <u>American Airlines</u> from printing correctly, and an issue that could cause DNS prefetching requests to overburden certain routers.
5.0.2	533.18.5		September 7, 2010	Fixes issues that prevented submission of web forms, fixes issues that caused incorrect displaying of content in Google Images with Flash Player 10.1 installed, and establishes encrypted and authenticated connection to Safari Extensions Gallery.
5.0.3	533.19.4		November 18, 2010	Improves accuracy of Top Sites, and Top Hit results in address bar. Fixes an issue with Flash 10.1 that caused overlapping webpage content. Improves reliability of pop-up blocking. Fixes an issue affecting playback of videos with rotations or flips. Improves reliability when typing into text fields on <u>Netflix</u> and <u>Facebook</u> . Improves stability with JavaScript extensions and using screen readers.
5.0.4	533.20.27		March 9, 2011	Improves compatibility with webpages with transition effects. Fixes an issue that caused webpages to print with incorrect layouts. Fixes an issue that prevented HTML5 video from playing on <u>YouTube</u> . Fixes an issue that caused content to display incorrectly on webpages with plug-ins.
5.0.5	533.21.1		April 14, 2011	Security update.

5.1	534.50	July 20, 2011	Introduces support for full-screen webpages, media caching, MathML, Web Open Font Format, CSS3 Auto-hyphenation, CSS3 Vertical Text, and CSS3 Text Emphasis. Extension support for popovers, menus, new event classes, and Reader interaction.
5.1.1	534.51.22	October 12, 2011	Adds support for iCloud syncing of bookmarks and Reading List. Improves JavaScript performance. Contains improvements to performance, stability, usability, compatibility, accessibility, and security.
5.1.2	534.52.7	November 29, 2011	Improves stability. Addresses issues with hangs, excessive memory usage, and white flashes within webpages. Allows PDFs to be displayed within web content.
5.1.4	534.54.16	March 12, 2012	Improved Javascript performance. Improve responsiveness when typing into the search field after changing network configurations, or with an intermittent network connection. Address an issue that could cause webpages to flash white when switching between Safari windows. Preserve links in PDFs saved from webpages. Fix an issue that could cause the screen to dim while watching HTML5 video. Improve stability, compatibility, and startup time when using extensions. Allow cookies set during regular browsing to be available after using Private Browsing.
5.1.5	534.55.3	March 26, 2012	Stability improvements. <sup>[16]</sup>
5.1.7	534.57.2	May 9, 2012	<p>Improve the browser's responsiveness when the system is low on memory. Fix an issue that could affect websites using forms to authenticate users.</p> <ul style="list-style-type: none"> <li>▪ <b>Last version to support Windows XP SP2 and SP3, Windows Vista and Windows 7.</b></li> </ul>

## iOS

### Safari 3

Table of versions: Safari 3.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
3.0	420+	419.3	<u>1.0</u>	29 June 2007	Initial release.
			<u>1.0.1–1.1.2</u>	31 July 2007	Security update.
	420.1		<u>1.1.3–1.1.5</u>	15 January 2008	Web Clips can be added to and removed from the Home Screen.
3.1.1	525.18.1	525.20	<u>2.0</u>	11 July 2008	Pictures can be saved to Photos app. Support for <u>YouTube</u> videos.
			<u>2.0.1–2.0.2</u>	4 August 2008	Performance when switching to landscape mode is improved.
			<u>2.1</u>	12 September 2008	Performance when scrolling webpages is improved.
			<u>2.2–2.2.1</u>	21 November 2008	The <u>Google</u> search button is now a search bar. The refresh button is now inside the address bar. Stability and performance are improved.

## Safari 4

Table of versions: Safari 4.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
4.0	528.18	528.16	<u>3.0–3.0.1</u>	17 June 2009	Adds AutoFill and anti-phishing. Additional options to open/copy a link. Support for RSS feeds. Browser and JavaScript speed improvements. Adds support for HTML5.
			<u>3.1–3.1.3</u>	9 September 2009	Fraud protection and anti-phishing support.
	531.21.10		<u>3.2–3.2.2</u>	3 April 2010	Support for iPad. Thumbnail view supports up to nine pages.
4.0.5	532.9	6531.22.7	<u>4.0–4.1</u>	21 June 2010	<u>Bing</u> added to search engines. Suggestions and recent searches are displayed below the search bar. Top Hit when searching. Audio support in-page.

## Safari 5

Table of versions: Safari 5.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
5.0.2	533.17.9	6533.18.5	<u>4.2.1–4.2.8</u>	22 November 2010	Support for URLs in Chinese.
			<u>4.3–4.3.3</u>	9 March 2011	Nitro JavaScript Engine and VoiceOver support.
5.1	534.46		<u>5.0–5.1.1</u>		

## Safari 6

Table of versions: Safari 6.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
6.0	536.26		<u>6.0–6.1.6</u>		

## Safari 7

Table of versions: Safari 7.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
7.0	537.51.1	9537.53	<u>7.0.3–7.0.6</u>		
	537.51.2		<u>7.1–7.1.2</u>		

## Safari 8

Table of versions: Safari 8.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
8.0	600.1.3	600.1.4	<u>8.0</u>		
	600.1.4		<u>8.0.1–8.4.1</u>		

## Safari 9

Table of versions: Safari 9.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
9.0	601.1.46	601.1	<u>9.0–9.3.6</u>		

## Safari 10

Table of versions: Safari 10.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
10.0	602.1.38	602.1	<u>10.0</u>		
	602.1.50		<u>10.0.1–10.0.2</u>		
	602.2.14		<u>10.1–10.1.1</u>		(Missing data for 10.0.3)
	602.3.12		<u>10.2</u>		
	602.4.6		<u>10.2.1</u>		
	603.1.30		<u>10.3–10.3.1</u>		
	603.2.4		<u>10.3.2</u>		
	603.2.4		<u>10.3.3–10.3.4</u>		

## Safari 11

Table of versions: Safari 11.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
11.0	604.1.38	604.1	<u>11.0–11.0.3</u>		
	604.3.5		<u>11.1–11.1.2</u>		
	604.4.7		<u>11.2–11.2.2</u>		
	604.5.6		<u>11.2.5–11.2.6</u>		(Missing data for 11.2.3–11.2.4)
	605.1.15		<u>11.3–11.4.1</u>		

## Safari 12

Table of versions: Safari 12.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
12.0	606.1.36 <sup>[82]</sup>	604.1	<u>12.0–12.1.4</u>		
12.1	607.1.40 <sup>[83]</sup>		<u>12.2</u>		
12.1.1			<u>12.3–12.3.2</u>		
12.1.2			<u>12.4–12.4.1</u>		

## Safari 13



Table of versions: Safari 13.x					
Minor version	WebKit version	Safari version	iOS version	Release date	Features
13.0	608.2.11 <sup>[84]</sup> <sup>[85]</sup>	604.1	<b><u>13.0</u></b>	19 September 2019	<p>* Updated iPad design to more closely resemble a desktop browser.</p> <ul style="list-style-type: none"> <li>▪ Implemented CSS dark mode queries using @media (prefers-color-scheme: dark).</li> <li>▪ Added support for aborts to the Fetch API.</li> <li>▪ Implemented warnings for weak passwords.</li> <li>▪ Implemented Web Authentication using FIDO2-compatible USB devices.</li> <li>▪ Added an API for Sign In with Apple.</li> <li>▪ Added permission APIs for motion and orientation events.</li> <li>▪ Prevented iframes pointing to third-party websites from redirecting the containing page.</li> <li>▪ Improved Intelligent Tracking Protection.</li> <li>▪ Implemented Pointer Events API.</li> <li>▪ Implemented Visual Viewport API.</li> <li>▪ Added support for pastes.</li> <li>▪ Added support for Media Source Extensions.</li> <li>▪ Security and privacy fixes.<sup>[86]</sup></li> </ul>

## See also

- [Safari \(web browser\)](#)
- [iOS version history](#)
- [iTunes version history](#)

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## External links

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- [Safari \(https://www.apple.com/safari\)](https://www.apple.com/safari) – official site at Apple
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Retrieved from "[https://en.wikipedia.org/w/index.php?title=Safari\\_version\\_history&oldid=931591331](https://en.wikipedia.org/w/index.php?title=Safari_version_history&oldid=931591331)"

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