

sw_vers

Print macOS Operating System version.

Syntax

```
sw_vers
sw_vers -productName
sw_vers -productVersion
sw_vers -buildVersion
```

Key

- productName Print just the value of the ProductName property.
- productVersion Print just the value of the ProductVersion property.
- buildVersion Print just the value of the BuildVersion property.

When executed with no options `sw_vers` prints a short list of version properties:

```
% sw_vers
ProductName: Mac OS X
ProductVersion: 10.12.6
BuildVersion: 16G1815
```

The `ProductName` property provides the name of the operating system ("Mac OS X" or "macOS" or "macOS Server"). The `ProductVersion` property defines the version of the operating system. The `BuildVersion` property provides the specific revision of the OS.

macOS versions

Major versions of macOS are released annually. See [macOS Release Notes](#).

15	Sequoia	2024
14	Sonoma	2023
13	Ventura	2022
12	Monterey	2021
11	Big Sur	2020
10.15	Catalina	2019
10.14	Mojave	2018
10.13	High Sierra	2017
10.12	Sierra	2016
10.11	El Capitan	2015
10.10	Yosemite	2014
10.9	Mavericks	2013
10.8	MountainLion	2012
10.7	Lion	2011
10.6	SnowLeopard	2009
10.5	Leopard	2007
10.4	Tiger	2005
10.3	Panther	2003
10.2	Jaguar	2002
10.1	Puma	2001
10.0	Cheetah	2001

Examples

```
$ sw_vers -productVersion
10.12.6
```


“Have no friends not equal to yourself” ~ Confucious (Analects)


Related macOS commands


- `system_profiler SPSoftwareDataType`
- `set` - Set a shell variable = value
- `softwareupdate` - Check for new and updated software or Download a full macOS installer.
- How-to: [Make a bootable macOS drive](#)
- How-to: [macOS versions](#).
- `uname` - Print the Darwin OS Kernel version / release / machine name.
- `unset` - Remove variable or function names.

(SS64)

SS64.com asks for your consent to use your personal data to:

Personalised advertising and content, advertising and content measurement, audience research and services development

Store and/or access information on a device

Learn more

Your personal data will be processed and information from your device (cookies, unique identifiers, and other device data) may be stored by, accessed by and shared with [134 TCF vendor\(s\)](#) and [63 ad partner\(s\)](#), or used specifically by this site or app.

Some vendors may process your personal data on the basis of legitimate interest, which you can object to by managing your options below. Look for a link at the bottom of this page to manage or withdraw consent in privacy and cookie settings.

Do not consent

Consent

[Manage options](#)



(SS64)

SS64.com asks for your consent to use your personal data to:



Personalised advertising and content, advertising and content measurement, audience research and services development



Store and/or access information on a device

Your personal data will be processed and information from your device (cookies, unique identifiers, and other device data) may be stored by, accessed by and shared with [134 TCF vendor\(s\)](#) and [63 ad partner\(s\)](#), or used specifically by this site or app.

Some vendors may process your personal data on the basis of legitimate interest, which you can object to by managing your options below. Look for a link at the bottom of this page to manage or withdraw consent in privacy and cookie settings.

