

## sw\_vers

Print macOS Operating System version.

### Syntax

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

### Key

-productName	Print
-productVersion	Print
-buildVersion	Print

When executed with no options sw\_vers prints the following information:

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

The ProductName property provides the name of the operating system ("macOS" or "macOS Server"). The ProductVersion property defines the version of the operating system (e.g., "10.12.6"). The BuildVersion property provides the specific revision of the operating system.

## macOS versions


Major versions of macOS are listed in the following table. For more information, 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

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Do not consent

Consent

[Manage options](#)

```
$ 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.

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