

printout

Keystone MacCentral Macintosh Users Group ❖ <http://www.keystonemac.com>



Meet us at
Bethany Village Retirement Center
Education Room
5225 Wilson Lane, Mechanicsburg, PA 17055
Tuesday, September 18th 2018 6:30 p.m.
Attendance is free and open to all interested persons.

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Keystone MacCentral is a not-for-profit group of Macintosh enthusiasts who generally meet the third Tuesday of every month to exchange information, participate in question-and-answer sessions, view product demonstrations, and obtain resource materials that will help them get the most out of their computer systems. Meetings are free and open to the public. The *Keystone MacCentral printout* is the official newsletter of Keystone MacCentral and an independent publication not affiliated or otherwise associated with or sponsored or sanctioned by any for-profit organization, including Apple Inc. Copyright © 2018, Keystone MacCentral, 310 Somerset Drive, Shiresmanstown, PA 17011.

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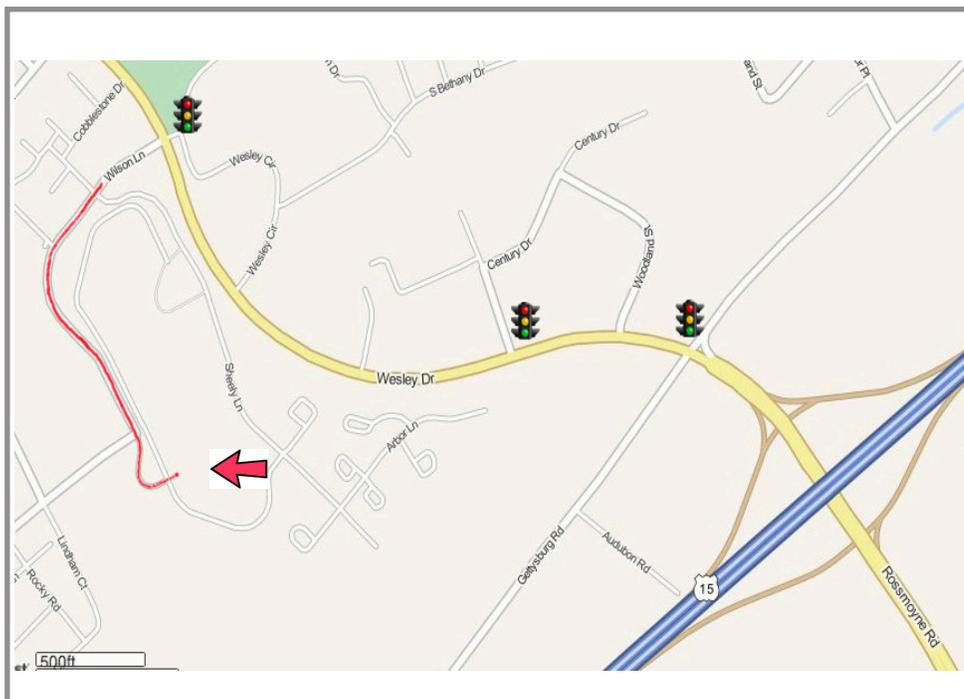
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1Password 7 for Mac Offers a Fresh Look... for an Upgrade Price

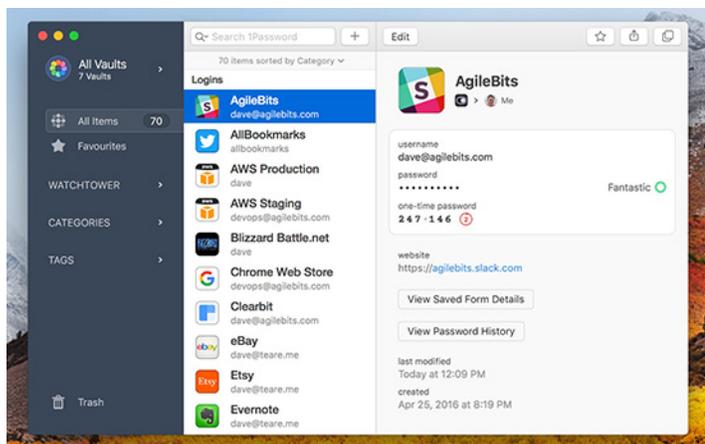
In 2011, I bought 1Password from the Mac App Store, and ever since I've been using the Mac version without being prompted to pay a penny more. That changed with [1Password 7](#), the first paid upgrade from AgileBits in years.

The good news is that you can pay a flat fee for the upgrade. Yes, you are somewhat encouraged to sign up for one of [AgileBits' subscription plans](#) — which bundle app access for all platforms, sync, and other features—but you also have the option to purchase a single-user, single-platform license for \$49.99 when you first launch 1Password 7. So if you're a fan of 1Password but dislike subscriptions, I recommend paying up. And soon — \$49.99 is a launch special that will eventually rise to \$64.99.

(AgileBits gave me a free subscription to a 1Password family plan so I could review 1Password 7. But as I said above, I've been a paying customer for years and would be using the app even if I had to pay for it.)

A Fresh Look

It's interesting that AgileBits chose 1Password 7 as its first paid update in years since the most notable change is aesthetic. AgileBits has finally completed its slow pivot away from 1Password's earlier metallic, almost industrial look, leading to a fresh design that is both flat yet bright.



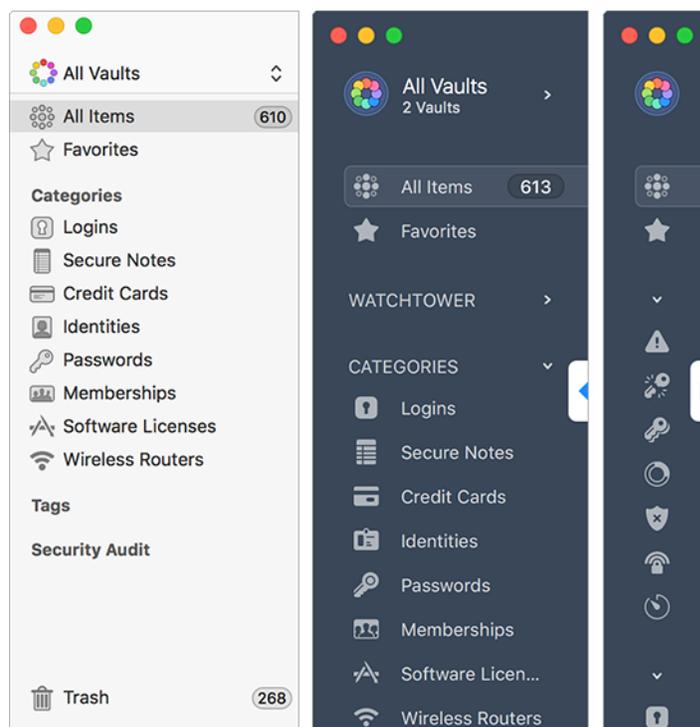
That careful evolution has paid off since 1Password 7 avoids many of the missteps associated with flat design — thin, wispy type, vague interface elements, and a lack of contrast (think back to the transition from iOS 6 to iOS 7).

1Password's readability is helped by the new Courier Prime Bits typeface used to display passwords; it's a custom offshoot of the free [Courier Prime](#) typeface. Font nerdery is often superfluous, but it matters in an app

where you have to be able to accurately transcribe each letter in a password.



One significant design change is the new sidebar, which is easier to read. For example, it makes it much more obvious that you can show and hide sections, since arrows replace the vanishing Show and Hide text labels. You can also shrink the entire sidebar down into an icon-only view.

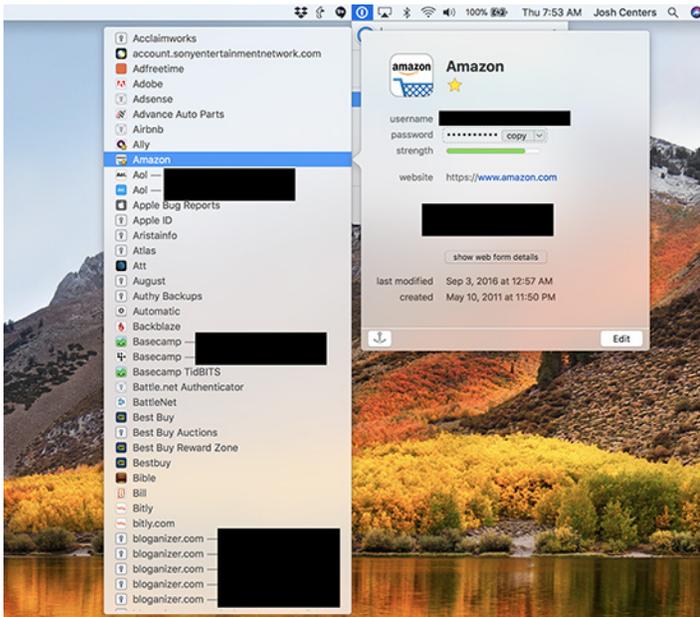


1Password 6's sidebar appears on the left. The center and right screenshots show the new 1Password 7 sidebar in its expanded and collapsed states.

But perhaps the most significant overhaul is the refreshed 1Password mini.

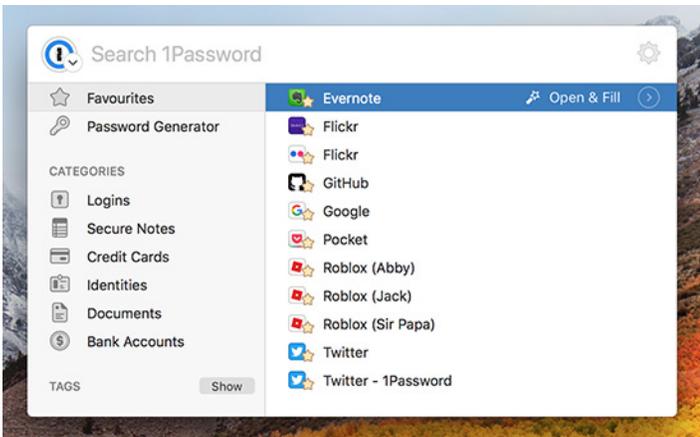
New 1Password mini

1Password mini, launched all the way back in 1Password 4 (see "[1Password 4 for Mac Better Than Ever](#)," 3 October 2013) has received a significant makeover. Instead of being a somewhat-awkward set of drop-down menus, it's a Spotlight-esque access panel that makes it far easier for you to navigate all your 1Password content.



The old 1Password mini's series of drop-down menus could be a mess.

The new 1Password mini is also a lot more powerful than in the past. It can recommend logins not just for Web sites you're visiting, but for the current app. You no longer have to copy and paste from 1Password mini to the password field since AgileBits added support for dragging content. You can also drag logins inside the app to move them between vaults.

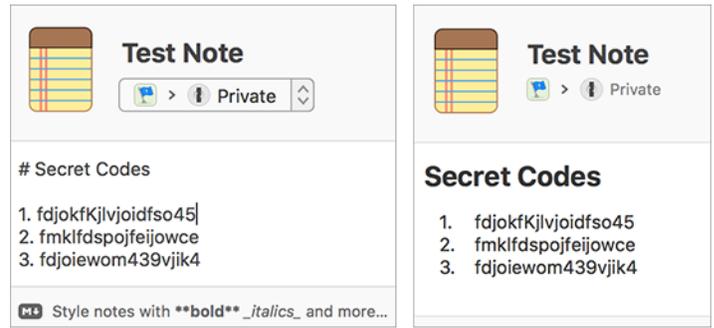


The new 1Password mini resembles Spotlight or an app launcher like LaunchBar.

Markdown in Secure Notes

I've long used 1Password's Secure Notes feature to store freeform secure data like recovery keys, HomeKit codes, and serial numbers. But 1Password's notes were always bare bones, with no formatting options. That has changed with the addition of support for the [Markdown plain-text formatting language](#) in 1Password 7.

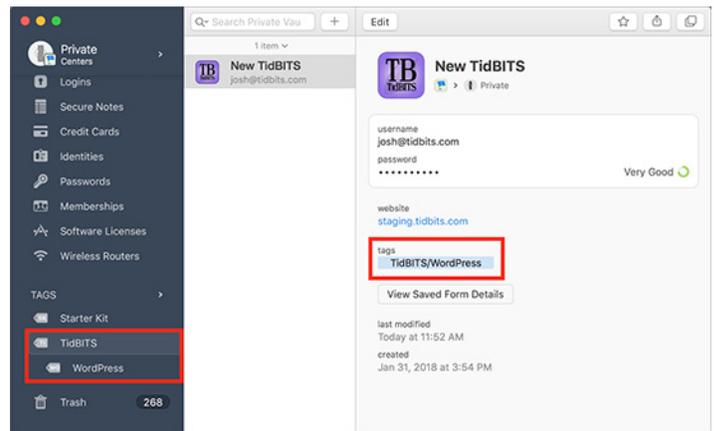
While editing a note, you can click a link below the input field to view a Markdown reference. As you can see, using Markdown formatting can make your notes much more readable.



You can now use Markdown in Secure Notes to format content—like headings and numbered lists.

Nested Tags and the Death of Folders

Another new feature is nested tags. Tags are nothing new to 1Password, but now you can nest 1Password tags just like folders in the Finder by separating the tags with a forward slash instead of a comma. For instance, I can create a TidBITS/WordPress tag, which shows up like this in the new sidebar:



Nested tags seem aimed at larger organizations that need help categorizing their logins, but they will also be appreciated by anyone who prefers to organize their data hierarchically.

As currently implemented, nested tags could use a little refinement. For example, TidBITS/WordPress is treated as a single tag, so if I wanted to delete the WordPress part, I'd have to delete the entire TidBITS/WordPress tag and replace it with a TidBITS tag.

Upgraded Watchtower

Watchtower debuted in 1Password in response to the Heartbleed vulnerability (see "[1Password 4.4 Updated with Watchtower Service](#)," 2 May 2014), and AgileBits has given the password monitoring service a boost with 1Password 7. It now integrates with [haveibeenpwned.com](#) to check for compromised logins and [twofactorauth.org](#) to see which of your logins support two-factor authentication but don't have it enabled. Of course, if you use a different app to manage your two-factor authentication tokens, that warning won't do much good. Watchtower also warns you

about logins that use unencrypted HTTP connections and about items that can expire, like credit cards.

As in prior versions of 1Password, you can review your Watchtower items in the sidebar. However, 1Password

7 also includes warnings and indicators while viewing the login details—previous versions of 1Password only warned about known Web site vulnerabilities. 🛡️

by Josh Centers

How to Recover Space from an iOS Update

In the recent WWDC keynote, Apple highlighted how quickly many people upgraded to iOS 11 by claiming that half of the iOS user-base upgraded within 7 weeks. That sounds impressive, but as we all know, iOS is pretty pushy about updates—badging the Settings app icon and nagging you repeatedly to install the update. As part of that pushiness, if there's sufficient free space on your device, iOS downloads its updates in the background so they're available to install, regardless of whether you're ready for them.

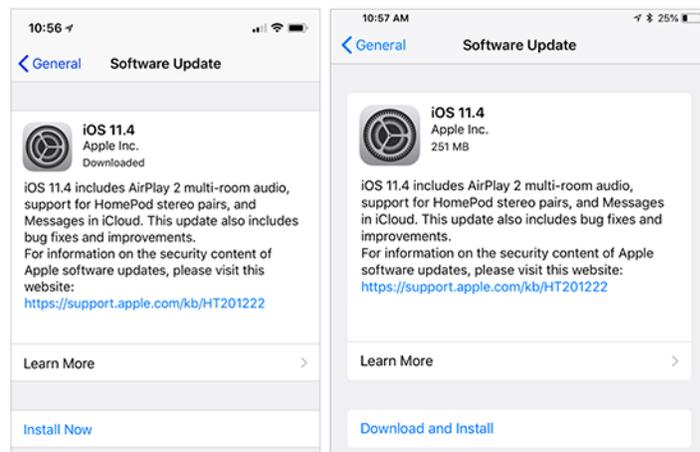


Therein lies the problem. Apple's definition of "sufficient free space" may differ from yours, especially if you're planning to shoot video of your kid's soccer game and would rather use a few hundred megabytes for that instead of an update you don't want to install yet.

Unfortunately, unlike in macOS, where you can avoid selecting the checkbox for "Download newly available updates in the background" in the App Store pane of System Preferences, iOS gives you no control over whether or not these updates are downloaded. Aside from the storage issue, that lack of control might also present a bandwidth problem for people who are charged by the bit, who need to be careful of data caps, or who have very slow Internet connections and prefer to initiate such downloads when on a faster link. We presume that such updates download only over Wi-Fi, but again, Apple provides no transparency into the process.

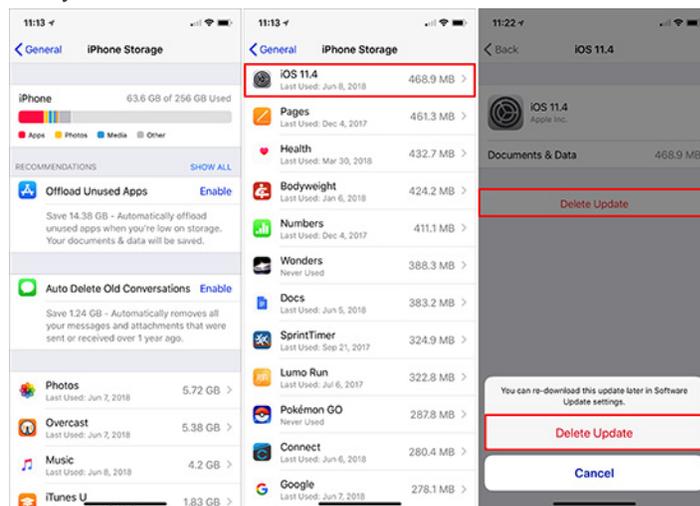
If you do run into this situation, where you need to recover the space being consumed by an iOS update in waiting, you can do so, at least until iOS decides to download the update again.

First, to see if this is the case, tap Settings > General > Software Update. If the link at the bottom is Install Now, the update has already been downloaded and can be deleted. (If it instead reads Download and Install, the update hasn't been downloaded automatically and thus isn't taking any space.)



An iPhone with iOS 11.4 downloaded and ready to install (left) versus an iPad that hasn't yet downloaded the update (right).

Next, go to Settings > General > iPhone/iPad Storage. This screen summarizes how your space is being used at the top, provides space-saving recommendations that are worth considering, and then lists each app in order of how much space it and its data take up. An iOS update might be relatively near the top if it's a major update, such as from iOS 10 to iOS 11. Most updates within a major version are smaller, so you'll need to scroll down in the list to find them. Tap the update, then tap Delete Update, and confirm that you want to delete it.



If you go back to Settings > General > Software Update, you'll see that the link at the bottom has changed from Install Now to Download and Install. When you're ready to install the update, tap that link to proceed.

Please don't interpret this article as a suggestion that you should avoid installing updates. That's a terrible idea. For

stability and security reasons—not to mention getting new features—you should always install updates. But you can and should wait a few days after an update is released to make sure there aren't any problems with it and then download at a time that works for you. The instructions above merely show you how you can manage your storage in the interim. 🗑️

by Sharon Zardetto

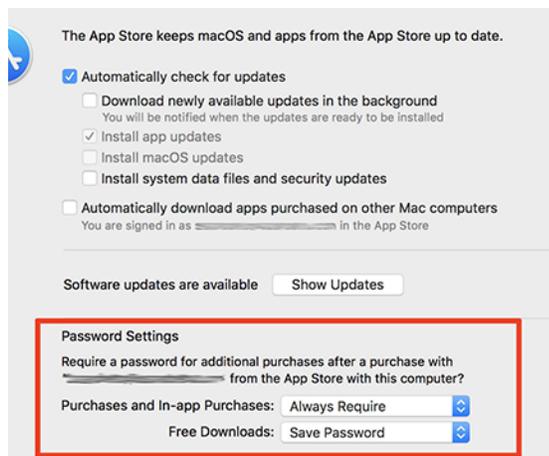
Everything You Wanted to Know about Using the Mac App Store (For Now)

There's a new Mac App Store just around the corner, in macOS 10.14 Mojave, and thanks to changes in Apple's policies, it's wooing back some beloved Apple developers like Bare Bones Software and Panic (see ["The Big News about macOS 10.14 Mojave Is Dark,"](#) 4 June 2018).

For the next several months, though, you'll still be shopping in the current Mac App Store, with the current App Store app, whose features aren't always obvious and which has a few glitches. The utility that you bought in 2010 which hasn't worked in years, for instance, doesn't have to haunt your Purchased list forever. You can avoid [pig-in-a-poke](#) purchases by checking an item's Info page, which includes reviews by users. You don't have to supply your password for every single item you buy when you're on a shopping spree. And if you experience an interrupted download, there are various ways to restart it.

Set App Store Password Preferences

Before you go shopping, take a trip to the App Store preferences to set your shopping password preferences. If you're in the App Store app, choose App Store > Preferences or open System Preferences > App Store. Either way, you'll end up in the App Store pane of System Preferences. At the bottom of the pane, set the two items under Password Settings:



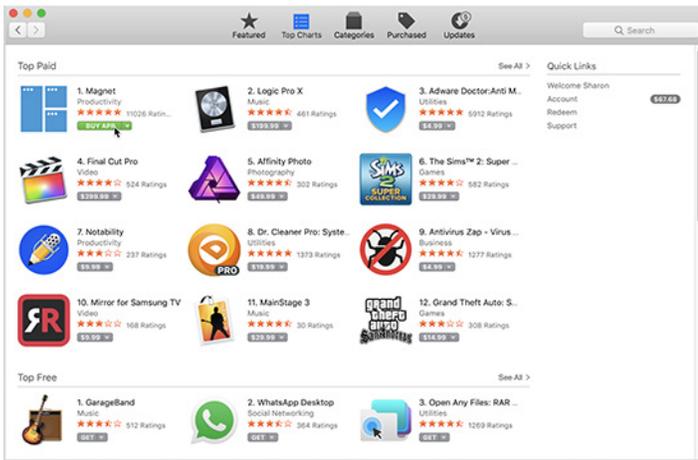
Purchases and In-app Purchases: The Always Require option is self-explanatory. Require After 15 Minutes lets you click a few Buy or Get buttons in a row without repeated demands for your password. But pay attention to the second part of the label: Purchases and In-app Purchases. Although I'm sure no one has ever mistakenly clicked or tapped an option that makes an in-app purchase, you might be the first, and reentering your password is a small price to pay for avoiding other small prices. (And if you're sharing your computer with a child, it's even more important to keep this at Always Require so they can't make additional in-app purchases after you've allowed the first one.)

Free Downloads: It's obvious what Require Password does, but the same can't be said of the Save Password option. You can rightly assume it's the poorly phrased opposite: once you've entered your password for anything else, a free app doesn't need your password to be downloaded. (Signing in to the App Store at the beginning of a shopping session counts as entering your password.)

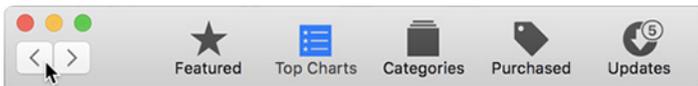
If you work on more than one Mac using the same Apple ID, you may also want to select Automatically Download Apps Purchased on Other Mac Computers in this preference pane. (Note that this says "automatically"; you can always manually download specific apps you've purchased on one Mac to another one linked to your Apple ID.)

Buy/Install Basics

Now it's time to go shopping: launch the App Store app (conveniently available by choosing Apple > App Store). If necessary, sign in with Store > Sign In. Use the Search field if you know what you're looking for; click the Featured, Top Charts, or Categories button to browse. When you find what you want, click the item's price, which changes to Buy App; click elsewhere in the window to revert to the price if you change your mind. Freebies have a Get button that changes to Install App when clicked.



If you want to know more about an app before you buy, click its name to go to its Info page, which not only has further information but also displays reviews and ratings from users. You can use the Buy or Get button from there or move back to the previous screen with a click of the Back (<) button or by choosing Store > Back.

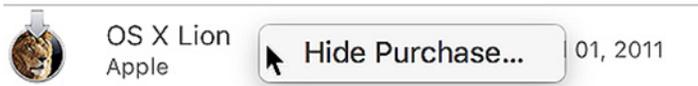


The installation process of a downloaded app is nearly invisible. An installer file downloads, runs, and courteously erases itself. The app takes up residence in your Applications folder, and its icon appears in your Dock and Launcher screen.

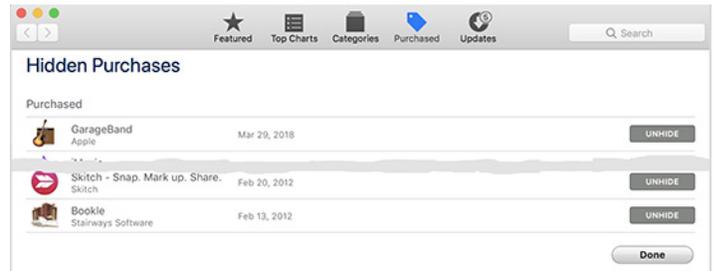
Purge the Purchased List

Your App Store Purchased list (click the Purchased button in the toolbar) is a permanent record of your interactions with the store. My Purchased list, like my clothes closet, still includes things I bought in 2011. It also still lists OS X Lion, Mavericks, and Yosemite, as well as various utilities I tried out but which were either not what I'd hoped or stopped functioning after a system update.

Because your Purchased list is permanent, you can't delete any oldsters. But you can hide them: Control-click anywhere in the segment that describes the item, choose Hide Purchase in the pop-up menu, and confirm the decision in the dialog. These hidden items are still part of your purchase history — they're just no longer displayed in this list.



Getting your hidden purchases back in the list is also a cinch, although it takes more steps. Choose Store > View My Account, and then, in the Hidden Items section, click Manage. Click the Unhide button for any item you want re-listed and click Done when you're, you know, done.



Deal with Mac App Store Problems

Here's how to deal with the most common issues.

You can't connect to the Mac App Store

This Apple support article describes fixes for several common connection problems, starting with checking your Internet connection (of course, if that's the problem, you won't be able to read the article). It explains such things as how to check Apple's Web site status, update your account, and check inside normally hidden system-level folders. (It also advises that you should make sure that your "date and time are set correctly for your time zone," so you might want to start by trying that quick potential fix.)

Clicking Buy doesn't (or doesn't seem to) do anything, OR the app seemed to download, but it's not in the Dock or in your Applications folder

Look for it in the Purchased tab in the App Store window; if it's not in the list, choose Store > Reload Page.

If it appears in the list with a Download or Install button, click the button; you won't be double-charged. If it has an Open button, check your Dock and/or Applications folder (or do a Finder search)—you may have been fooled by a small file with a very short download time.

If it's not anywhere in the Purchased list, go back to it in the Store and click the Buy button again. (If there's a Buy button, you weren't charged for it.)

A download was interrupted

Most interrupted downloads pick up where they left off as soon as your Mac re-establishes its Internet connection. You might get a dialog asking if you want to resume the download, and sometimes you'll have to supply your Apple ID again to prove that you're still you.

No auto-resume or dialog? In the App Store window's toolbar, click Purchased, find the app in the list, and click its Resume button. If you were on a buying spree and clicked to download multiple items, you can check whether any are still in transit or waiting in line by choosing Store > Check for Unfinished Downloads.

An app downloaded but didn't install

If a download seems to go smoothly but the app doesn't appear in your Dock (or Launchpad screen), go back to the Purchased list and click the app's Install button if it has one.

If the button is Open, the App Store thinks it's installed, so the problem might be that the installer downloaded but for some reason didn't automatically run. Look in ~/Library/Application Support/App Store/ for an installer file, and launch it with a double-click.

You get "Unknown Error Occurred" when you click Buy

When I wrote about this a few years ago, Apple's advice was to quit the App Store app, wait at least 10 seconds, and then relaunch it. Why 10 seconds—practically an eon in computer-cycle time? I don't know, nor do I know why it's no longer recommended. But I include it in case you're using an older system and version of the App Store app and it would work for you; it won't hurt, no matter your situation. Besides, quitting and relaunching a misbehaving app, wait or no wait, is the universal first-line palliative.

There's a warning in red type by an item in the Purchased list

I've only ever seen this once, and it was several years ago. I have no idea whether it's still an issue because I can't fake a problem that might trigger it. If you get a warning right within the Purchased list about a download error (or something else—again, my experience here is limited) for a specific item, and you redownload the item and everything is fine but the warning stays, here's how to get rid of it: Choose Store > View My Account, scroll to the bottom of the screen and click the Reset button for Reset All Warnings for Buying and Downloading.

Quick Tips

Here are some tips for working in the App Store app:

"Reinstall" a macOS app: You see a reference to a Safari update—or Photos, or Mail—and realize that you're a version behind, but can't find an update for it? That's because they, like other macOS apps (they're listed here) are automatically updated when you update the operating system.

Find a macOS installer: You won't see macOS installers for macOS 10.12 Sierra or later in your Purchased list — unless it's one that you haven't yet downloaded — but they are available. If you need one, use the search field to find macOS installers, typing macos high sierra, for instance.

Go to previous "screens" in the App Store: As you browse around for the latest offerings, you can easily move through screens you've already viewed. Click the Back and Forward buttons at the left of the toolbar, or use Command-[and Command-] to trigger the commands in the Store menu.

The App Store is checking your Applications folder: Check your Purchased list, and you'll likely find a variety of buttons for the listed items, based on each app's status: Download, Install, Open, or Update. I always thought the App Store app was merely keeping track of what I had done thus far with each item. But, no! Drag an installed app out of your Applications folder, and its button in the Purchased list reverts to Install. You may need to choose Store > Reload page to see this effect, but it's automatically updated when the App Store app is relaunched. Put the app back in the Applications folder and its button in the Purchased list goes back to Open (or to Update, if that's the status). This is equal parts convenient and creepy. Presumably, this works only if the item is still available in the Mac App Store, but I haven't been able to test for that.

Store credit: Your store credit is displayed under Quick Links next to the Account label when you're in Featured, Top Charts, or Categories view. You can also check it by choosing Store > View My Account, where it's at the bottom of the screen. Note that it's the "Apple ID Balance," not the "App Store Balance": this is the same credit that shows in the iTunes Store and the iBooks Store.

Outdated-app icons: On a related note, if an app (from the App Store or elsewhere) can't run under the macOS version you've installed, its icon changes to include the slashed-circle international symbol, meaning "This app won't run under your current system."



by Adam Engst

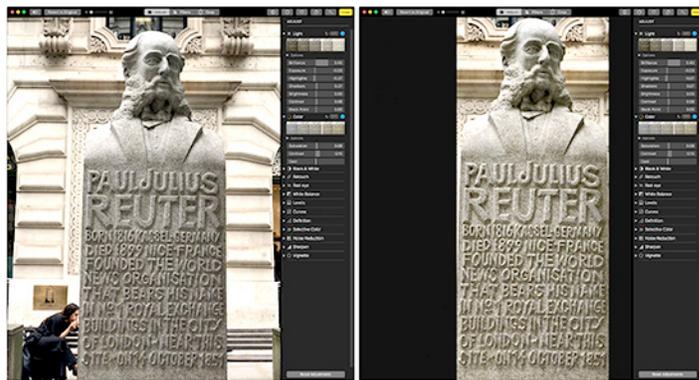
Compare Before/After Edits in Photos

For many of us, one of the difficulties in editing photos is determining whether a minor change is better or worse. Does clicking the Enhance button in Photos improve the photo in a real way? Is applying one of the built-in filters helpful, or just a gimmick? When you bump up the saturation, are the colors too garish?

These questions are difficult to answer in isolation because it's hard to remember precisely what the image looked like before you applied the adjustment. In iPhoto 2, way back when, Apple introduced a hidden feature that would simulate the Revert to Original command temporarily, undoing all your edit changes while you held down the Control key.

In iPhoto '08, Apple changed that keyboard shortcut to Shift, for no apparent reason.

When Apple replaced iPhoto with Photos, that feature seemingly disappeared, and I have long missed it, to the point where I often instinctively press Shift when I'm editing a photo, to no effect. So I was quite embarrassed to discover only recently that the feature has been in Photos all along, but assigned to yet another keyboard shortcut: the M key, which, I'm informed by a reader, was the shortcut in Aperture. And, showing just how icon-blind I am, another reader pointed out that there's a Show Original



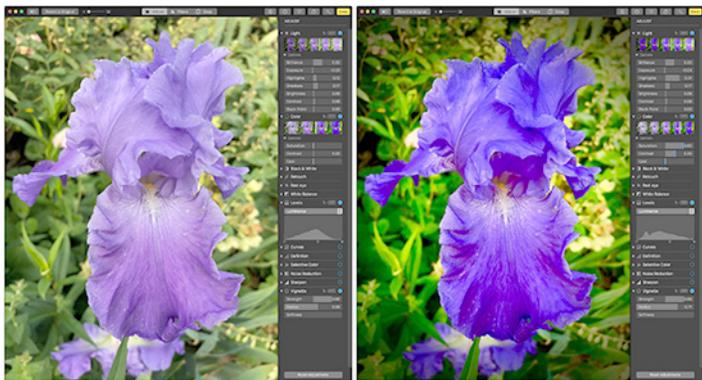
Before (left, with Control-M pressed) and after (right, letting up on Control-M)

button in the upper-left corner, next to the window controls. Happily, Apple brought the feature to the iOS version of Photos too, albeit with a different interface.

Regardless, the before / after comparison in Photos on the Mac works much the same way as it did in iPhoto. Double-click a photo in Photos and then click the Edit button in the upper-right corner (or press Return) to edit it. Make a change by clicking the Enhance button, tweaking sliders in the Adjust panels, or applying a filter. Then, while you're still in edit mode, press the M key to see the original image. It sticks around only while the key is down; let go to see the edited image again. You can repeat the action as often as you want and even if you stop editing a photo and return to it later, but remember, it works only in edit mode.

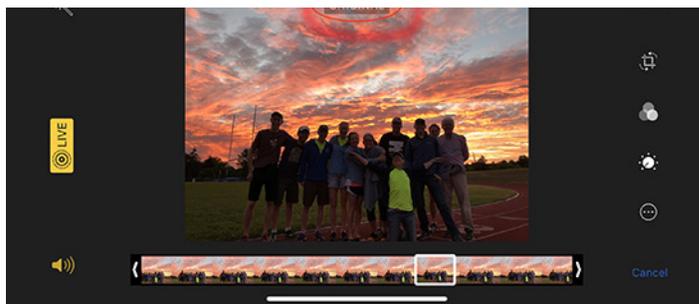
These shortcuts are for quick checks of what the original image looked like, so they aren't helpful for seeing if one particular adjustment is better or worse while leaving all the others active. For that, click the blue checkmark next to each set of adjustment controls that you've used to turn just that adjustment off. Or, use Undo (Command-Z) and Redo (Command-Shift-Z), both of which offer multiple levels so you can step back and forth through your changes. Finally, Image > Revert to Original (or click its button) remains the ultimate undo, and yes, you can even use Undo on Revert to Original if you decide you don't want to lose all your edits.

What about the iOS version of Photos? Start editing an image and then tap the image once, which causes it to show the original for about 2 seconds. During that time, Photos displays an ORIGINAL badge on the top of the image. If you've cropped the image as well, the badge reads CROPPED ORIGINAL and shows you just the cropped portion of the image, not the uncropped original as Control-M does on the Mac. 🗑️



Before (left, with M pressed) and after (right, letting up on M)

The M key doesn't let you compare the before and after results of any cropping you've done, unlike iPhoto. That's too bad because sometimes all the editing a photo needs is some judicious cropping to remove extraneous detail on the edges and focus on the subject. However, there's another even more hidden keyboard shortcut that toggles between the original image and the cropped image: Control-M. It's odd enough that it's a separate shortcut, but even stranger is the fact that it works only when you're in either Adjust or Filter views, not in the Crop view. Control-clicking the Show Original button has no effect.



Software Review

Apple Updates

Security Update 2018-004 (El Capitan)

Jul 9, 2018 – 0900.5 MB

System Requirements

- macOS 10.11

Security Update 2018-004 is recommended for all users and improves the security of OS X.

macOS High Sierra 10.13.6 Supplemental Update for MacBook Pro (2018)

Jul 24, 2018 – 1.31 GB

System Requirements

- macOS 10.13.6

The macOS High Sierra 10.13.6 Supplemental Update improves the stability and reliability of MacBook Pro with Touch Bar (2018) computers and is recommended for all users.

iTunes

12.8 Jul 9, 2018

iTunes now supports AirPlay 2 multi-room audio and HomePod stereo pairs.

Use the AirPlay menu to easily group HomePod, Apple TV, and other AirPlay 2-enabled speakers and control what plays next.

macOS High Sierra 10.13.6 Update

Jul 9, 2018 – 1.88GB

System Requirements

- macOS 10.13.5

The macOS High Sierra 10.13.6 update adds AirPlay 2 multi-room audio support for iTunes and improves the stability and security of your Mac. This update is recommended for all users.

AirPlay 2 for iTunes

Control your home audio system and AirPlay 2-enabled speakers throughout your house

Play music at the same time on multiple AirPlay 2-enabled speakers in your house, all in sync

Other improvements and fixes

Fixes an issue that may prevent Photos from recognizing AVCHD media from some cameras

Fixes an issue that may prevent Mail users from moving a message from Gmail to another account

macOS High Sierra 10.13.6 Combo Update

Jul 9, 2018 – 2.49GB

System Requirements

- macOS 10.13

The macOS High Sierra 10.13.6 update adds AirPlay 2 multi-room audio support for iTunes and improves the stability and security of your Mac. This update is recommended for all users.

AirPlay 2 for iTunes

Control your home audio system and AirPlay 2-enabled speakers throughout your house

Play music at the same time on multiple AirPlay 2-enabled speakers in your house, all in sync

Other improvements and fixes

Fixes an issue that may prevent Photos from recognizing AVCHD media from some cameras

Fixes an issue that may prevent Mail users from moving a message from Gmail to another account

Security Update 2018-004 (Sierra)

Jul 9, 2018

System Requirements

- macOS 10.12.6

Security Update 2018-004 is recommended for all users and improves the security of OS X. 🗑

