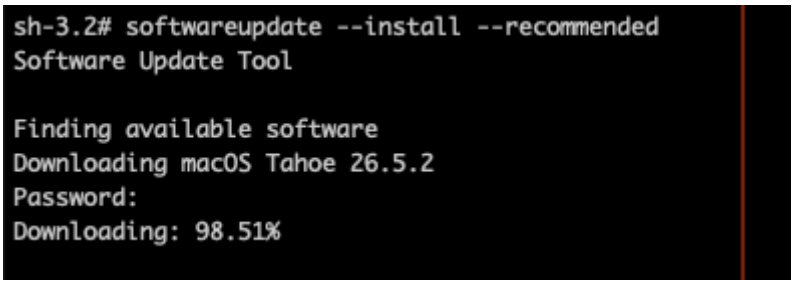
MacOS Software update using CLI

Manual update

Software Update using CLI

This is how to update MacOS from command-line / terminal

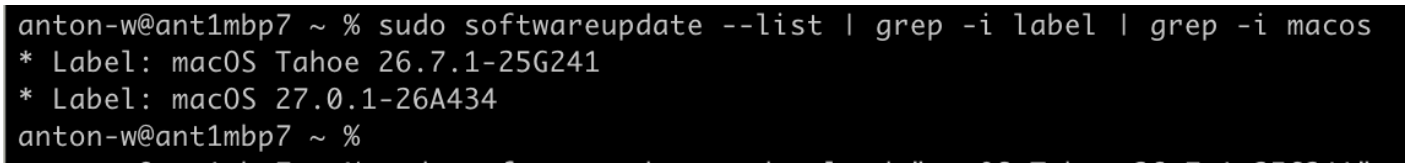
```
sudo softwareupdate --install --recommended
```



List what available

```
sudo softwareupdate --list


sudo softwareupdate --list | grep -i label | grep -i macos
```



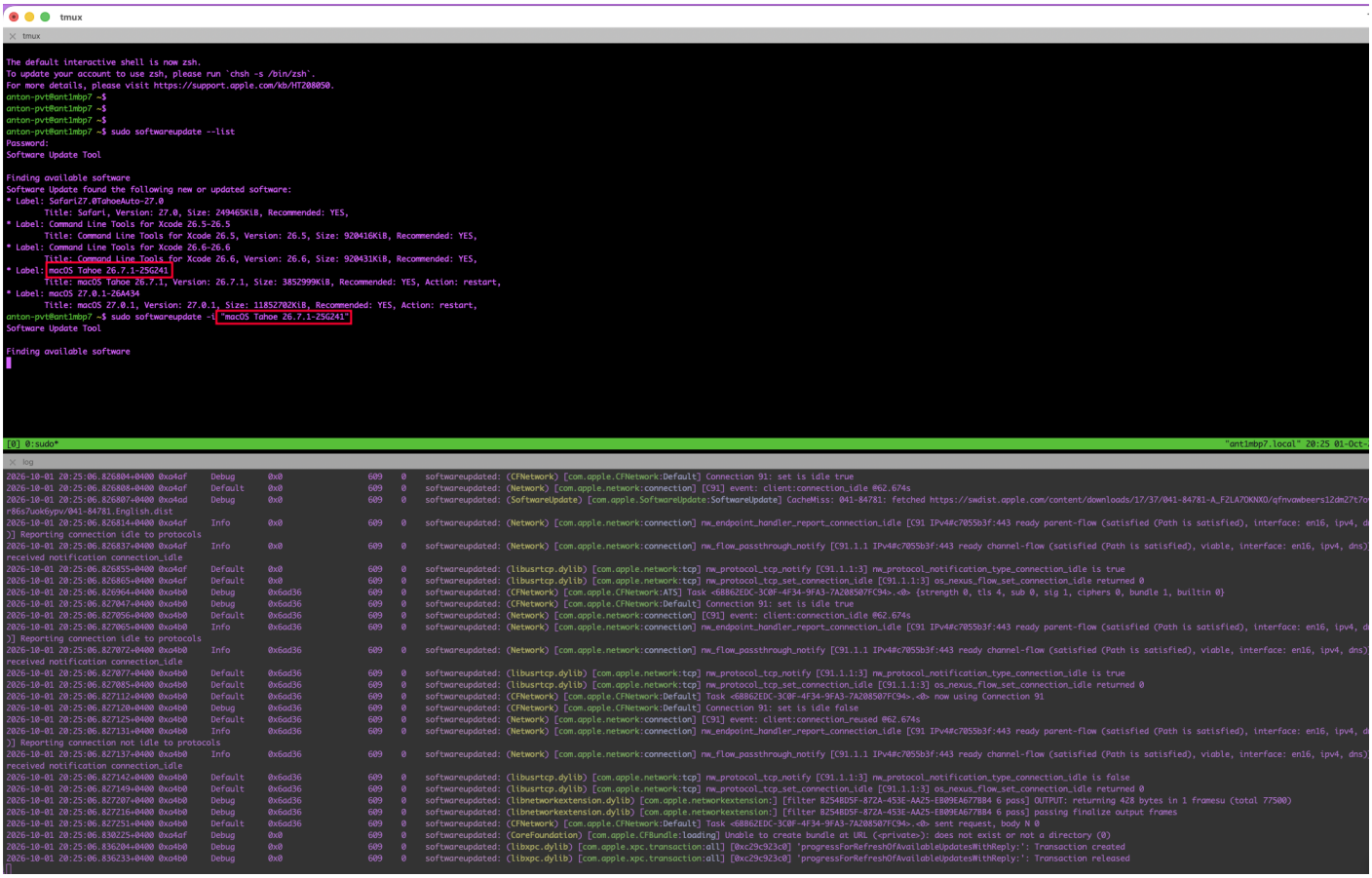
Download only (first)

```
sudo softwareupdate --download "macOS Tahoe 26.7.1-25G241"
```

```
anton-w@ant1mbp7 ~ % sudo softwareupdate --download "macOS Tahoe 26.7.1-25G241"
Software Update Tool

Finding available software
Not enough free disk space: a total of 22.82 GB is required.
```

Do not install, download first.

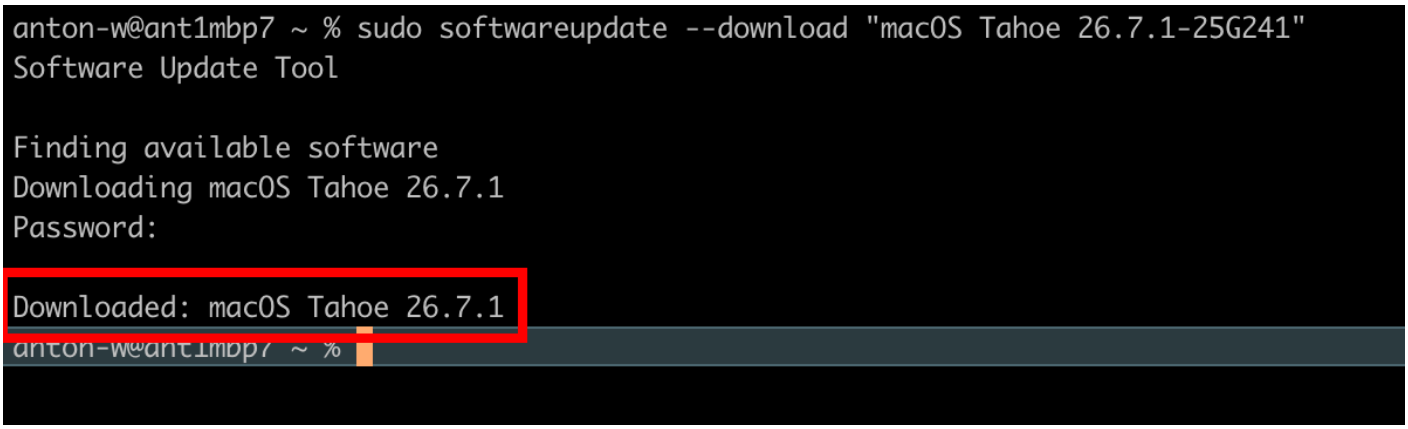


And reserve some space :-)

```
anton-pvt@ant1mbp7 ~$ sudo softwareupdate -i "macOS Tahoe 26.7.1-25G241"
Software Update Tool

Finding available software
Not enough free disk space: a total of 22.97 GB is required.
anton-pvt@ant1mbp7 ~$
```

Downloaded



Install, once downloaded

```
sudo softwareupdate --verbose --install "macOS Tahoe 26.7.1-25G241"
```

Apple Store updates using CLI

Using 'mas', installed using 'brew', Update software from Apple Store

```
brew install mas
```



List outdated

```
mas outdated
```

```
anton-w@ant1mbp7 ~ % mas outdated
 408981434  iMovie              (10.4.3      -> 10.4.4)
1534275760  LanguageTool        (8.21.1      -> v8.21.1)
1274495053  Microsoft To Do     (2.159       -> 2.177)
 742239147  Project Viewer 365  (25.61.1285 -> 26.29)
1369524274  QR Capture          (2.6.10      -> 2.7.3)
1568414480  ScreenFlow 10       (10.5.1      -> 10.5.2)
1523656696  SmartSDR            (2.9.94      -> 2.9.136)
1295203466  Windows App         (11.3.5      -> 11.3.7)
anton-w@ant1mbp7 ~ %
```

Upgrade

```
mas upgrade
```

```
anton-w@ant1mbp7 ~ % mas upgrade
Error: Failed to update app for ADAM ID 408981434
Error Domain=ISErrorDomain Code=3 "No bag entry" UserInfo={NSLocalizedDescription=No bag entry, NSLocalizedFailureReason=Could not find key 'buyProduct' in bag.}
Error: Failed to update app for ADAM ID 1534275760
Error Domain=ISErrorDomain Code=3 "No bag entry" UserInfo={NSLocalizedDescription=No bag entry, NSLocalizedFailureReason=Could not find key 'buyProduct' in bag.}
Error: Failed to update app for ADAM ID 1274495053
Error Domain=ISErrorDomain Code=3 "No bag entry" UserInfo={NSLocalizedDescription=No bag entry, NSLocalizedFailureReason=Could not find key 'buyProduct' in bag.}
Error: Failed to update app for ADAM ID 742239147
Error Domain=ISErrorDomain Code=3 "No bag entry" UserInfo={NSLocalizedDescription=No bag entry, NSLocalizedFailureReason=Could not find key 'buyProduct' in bag.}
Error: Failed to update app for ADAM ID 1369524274
Error Domain=ISErrorDomain Code=3 "No bag entry" UserInfo={NSLocalizedDescription=No bag entry, NSLocalizedFailureReason=Could not find key 'buyProduct' in bag.}
==> Downloading ScreenFlow 10 (10.5.2)
==> Downloaded ScreenFlow 10 (10.5.2)
==> Updating ScreenFlow 10 (10.5.2)
==> Updated ScreenFlow 10 (10.5.2) in /Applications/ScreenFlow 10.app
Warning: Multiple installations of ScreenFlow 10 exist in the applications folders

        Updated:
        /Applications/ScreenFlow 10.app

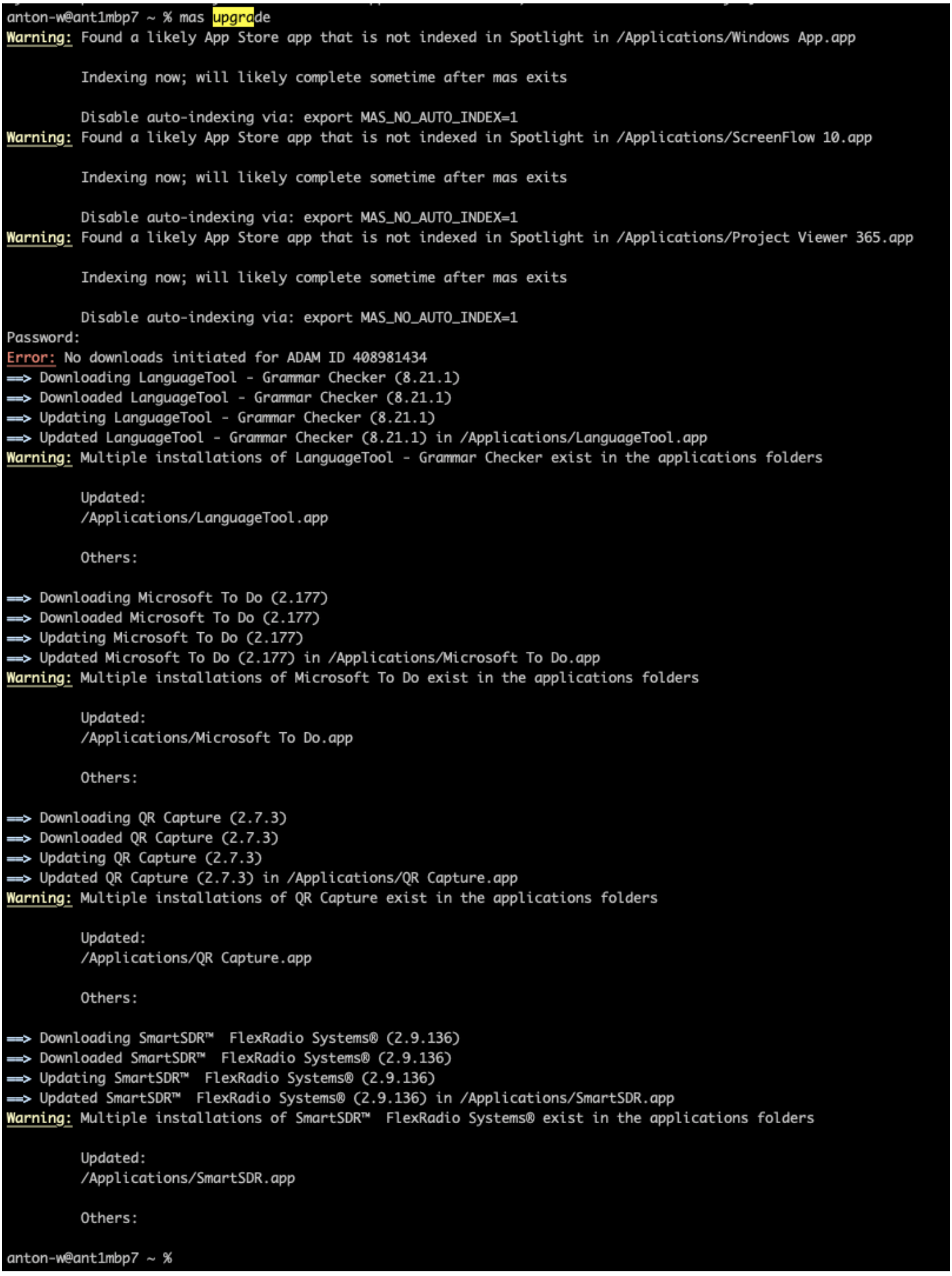
        Others:

Error: No downloads initiated for ADAM ID 1523656696
==> Downloading Windows App (11.3.7)
==> Downloaded Windows App (11.3.7)
==> Updating Windows App (11.3.7)
==> Updated Windows App (11.3.7) in /Applications/Windows App.app
Warning: Multiple installations of Windows App exist in the applications folders

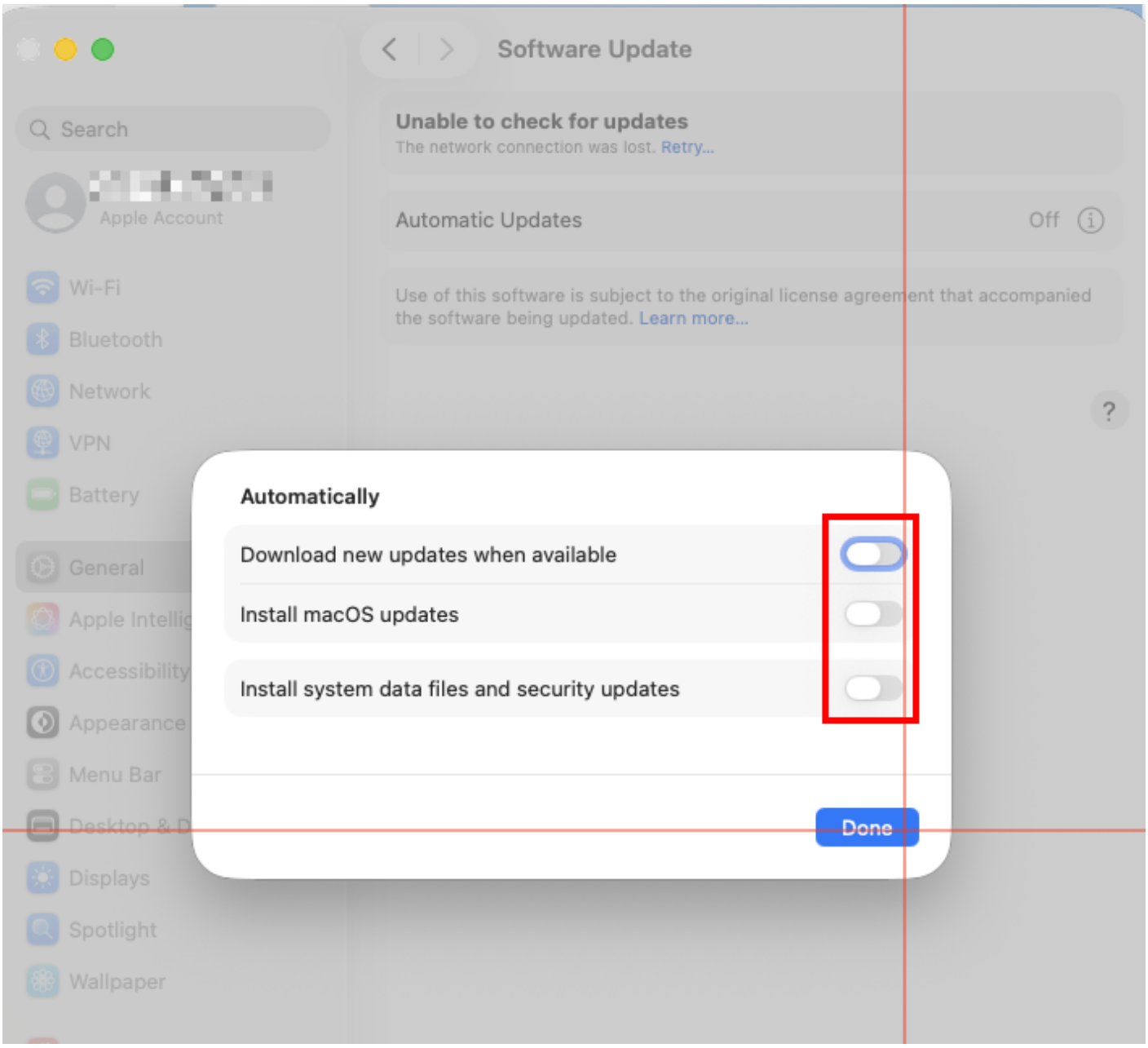
        Updated:
        /Applications/Windows App.app

        Others:
```

Applications are linked to different accounts need to be updated with correct user login



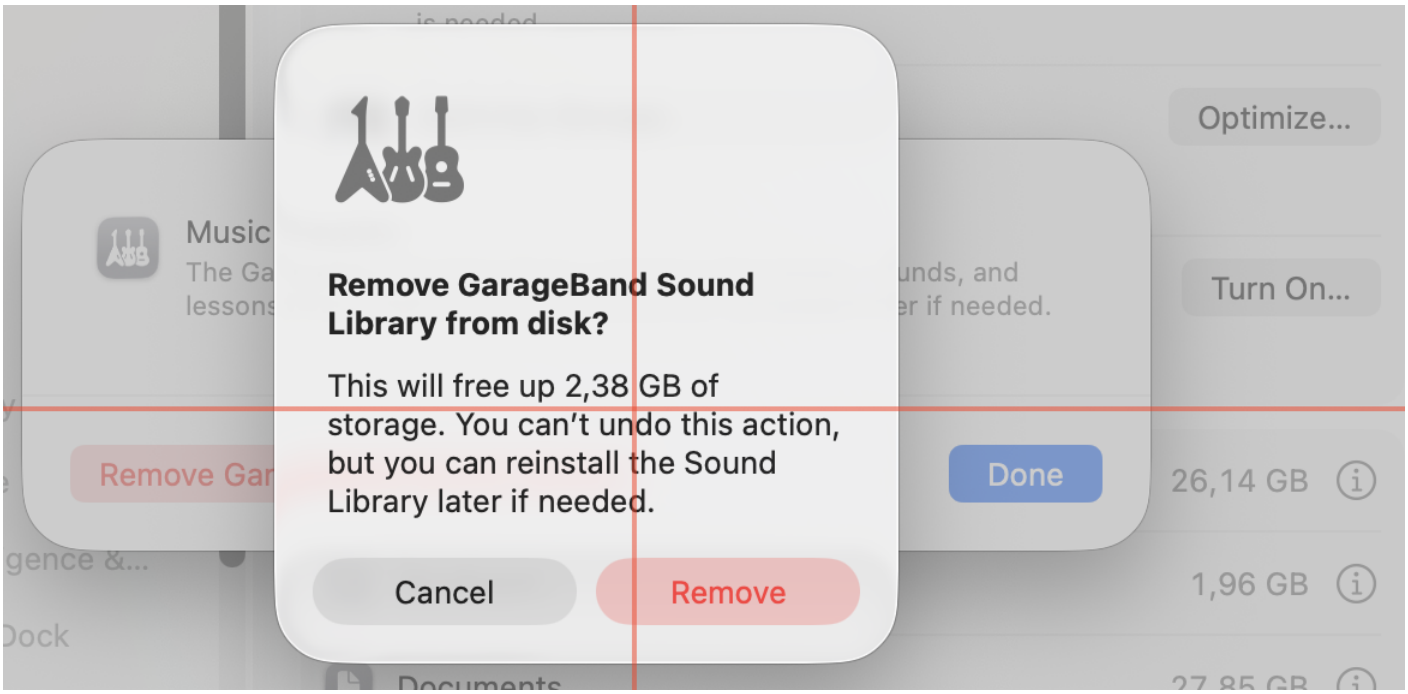
After OS update, disable automatic updates, as they are turned on back automatically



Verbosity not by design

```
log stream --info --debug --predicate 'process == "softwareupdated" OR process == "SoftwareUpdateNotificationManager" OR subsystem == "com.apple.SoftwareUpdate"'
```

AAaah, 'GarageBand' ?!



`brew` had some old things

```
brew cleanup
```

```
==> This operation has freed approximately 227MB of disk space.
anton-w@ant1mbp7 ~ % brew cleanup
```

Revision #11
Created 26 July 2026 06:26:49 by Anton
Updated 5 October 2026 07:14:32 by Anton