Revok

An app scanner for macOS made with great angst

Ari Feldman, 21 August 2025
www.widgetworx.com

Legal Disclaimer

This is free software. No warranties or support of any kind is offered. Install it and use the program contained herein at your own risk.

System Requirements

This program is a Universal app, so *it should run* on any Apple Silicon (M1 / M2 / M3 / M4 CPU) or Intel-based Mac running Monterey, Ventura, Sonoma, or Sequoia.

There Will be Bugs! (hopefully, not too many)

I'm a sporadic, hobbyist developer with limited programming skills and only took a couple of Computer Science classes before realizing I had no natural programming aptitude. Anyway, tell me about them and I'll do my best to fix them.

Feel free to send feedback on this program to me at info@widgetworx.com or take my anonymous program feedback survey.

- **NOTE: *Revok* is DonationWare.** This means it is free to use and fully functional, but a small, one-time donation of $3 USD is required to unlock it and remove the nag screen that appears when first starting the app. The license key you receive can be used with *Revok* on any number of your Macs and will allow you to get future updates and bug fixes.

Revok Overview

Revok scans all installed applications on your Mac and reports detailed metadata for each one, including:

- Date of app creation
- Number of times launched
- Whether it came from the Mac App Store
- If it's an iOS or Catalyst app
- The app’s vendor or publisher (when known)
- Architecture type: Universal (Apple Silicon + Intel), Apple Silicon–only, or Intel-only
- App type: Menu bar, desktop, or background (each behaves differently)
- AppleScript support (for automation)
- Code signature status and signing authority
- Access to your camera, microphone, or location services
- Whether the app is notarized and/or sandboxed
- Detect LaunchAgents associated with your installed apps
- Detect some installed apps that may be cracked (not legally purchased)
- Minimum macOS version required
- And more...

Additional features:

- Filter apps by key traits (e.g., unsigned or Intel-only apps)
- View and print a summary of all metadata
- Optionally launch, delete, reveal in the Finder, or even compute file hashes for a specific app
- Export all results to a time-stamped CSV for analysis or record-keeping

OK, Why is Revok Useful???

Clean Up Unused Apps

Revok shows how often each app has been launched, helping you identify unused ones that may be wasting disk space. You can even delete apps directly from *Revok*.

Security & Privacy Insights

Revok can help identify apps with access to your camera, mic, or location—so you can decide whether they really need those permissions.

Optimize Performance

Many apps are still Intel-only. *Revok* helps identify these, so you can seek native Apple Silicon alternatives for better speed and battery life.

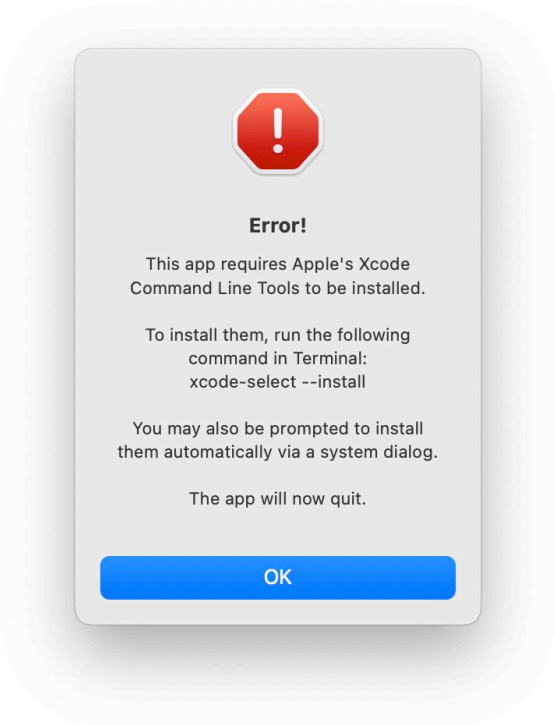
Using *Revok*

ATTENTION: If you own a Mac with only 8GB of RAM, please be aware that while *Revok* will run, a user reported an issue where *Revok* will stall when run on an 8GB machine trying to scan > 500 apps. I have only tested *Revok* on 16 and 24GB Macs with < 400 apps. Of course, your mileage may vary.

Xcode Command Line Tools Required

Revok uses some utilities that are only available if you have **Xcode Command Line Tools** installed on your Mac (e.g. `codesign`), which are a set of tools for software developers that allow programming and development tasks to be performed via the Terminal on macOS. They can be installed separately from the full Xcode package. Please follow this article for information on how to install them: **https://osxdaily.com/2024/09/30/how-install-command-line-tools-macos-sonoma/**

If they are not installed on your Mac, you will see an error like the one illustrated below when attempting to run *Revok*:

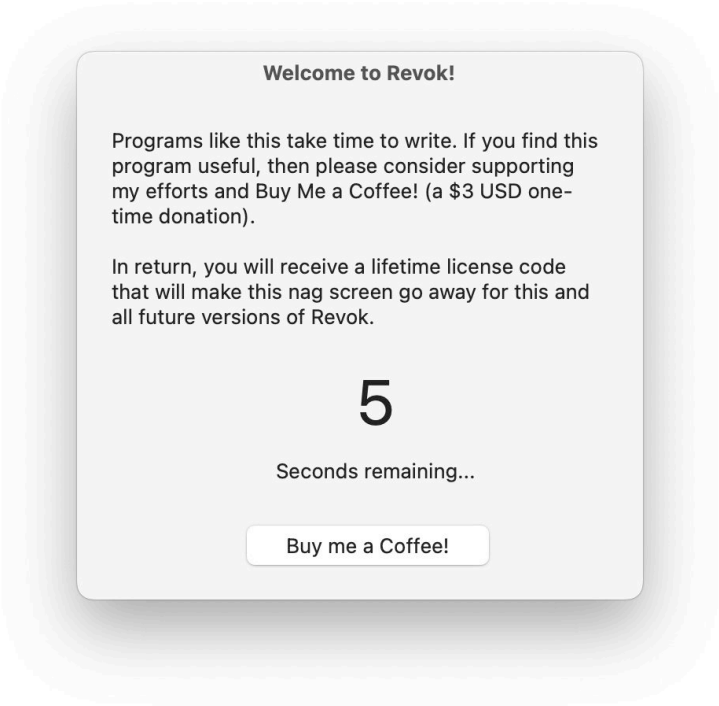


Checking for Program Updates

Revok will automatically check for new program versions when first started.You can also manually check for program updates by selecting the **Check for Update** menu option.

The *Revok* Nag Screen

Each time you run *Revok*, you will see a nag screen like the one shown below. It will appear for 10 seconds and will only appear when you start *Revok*. **You can get rid of it forever by Buying me a Coffee for $3 USD.**



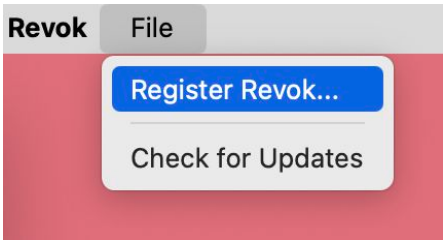
A Word About Registration

Creating and maintaining apps like *Revok* takes a lot of time and effort even if I enjoy it — so I'd appreciate getting paid something for that work when possible. That said, I understand that *Revok* might not provide enough value for everyone, and I don't want price to be a barrier nor do I want to cripple the program by disabling useful features.

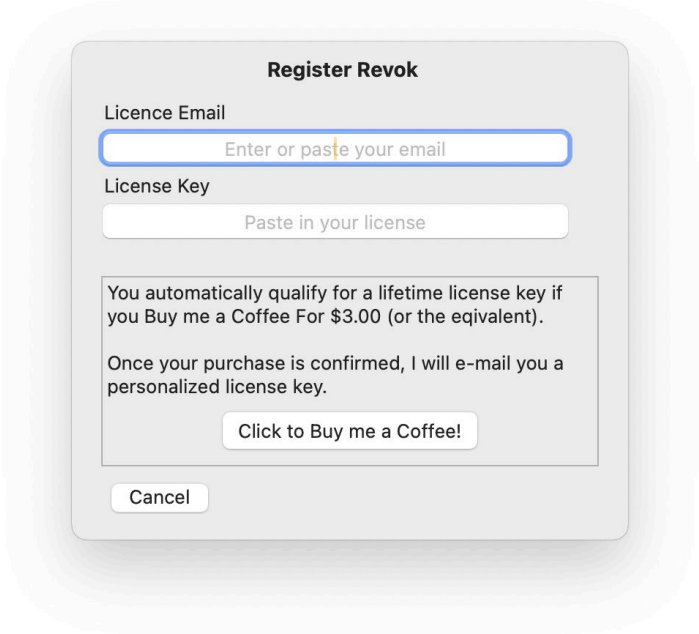
That is why I've made paying for *Revok* optional: You get a *fully functional* app for free, but with a nag screen. If you find it valuable, you'll support me. If you don't, you won't. *Revok* licenses are for a lifetime (you won't be asked for more money if I release updates) and can be used on any number of Macs in your household. In addition, you get access to **`revok-cli`**, a command line tool that contains a large subset of *Revok's* features that can be scripted via Terminal commands.

How to Register Revok

Click on the *Revok's* **File menu** and choose **Register Revok** as shown below:

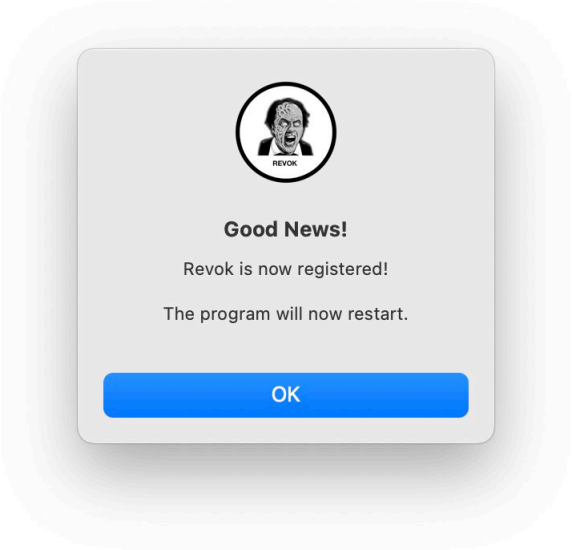


This will bring up the **Revok Registration** window:



- **License Email:** This field accepts an email address up to 80 characters long. The email can be typed in or pasted and must match the email address you used when Buying me a Coffee.
- **License Key:** This field accepts a license key. The key is unique to the email entered in the previous field. You can only paste the key into this field and it must exactly match the license key I email you after Buying me a Coffee.
- **Buy me a Coffee Button:** Clicking this button will take you to my Donation page where you can make a small donation, which entitles you to a license key.
- **Cancel Button:** Clicking this button will close the window without applying any changes.

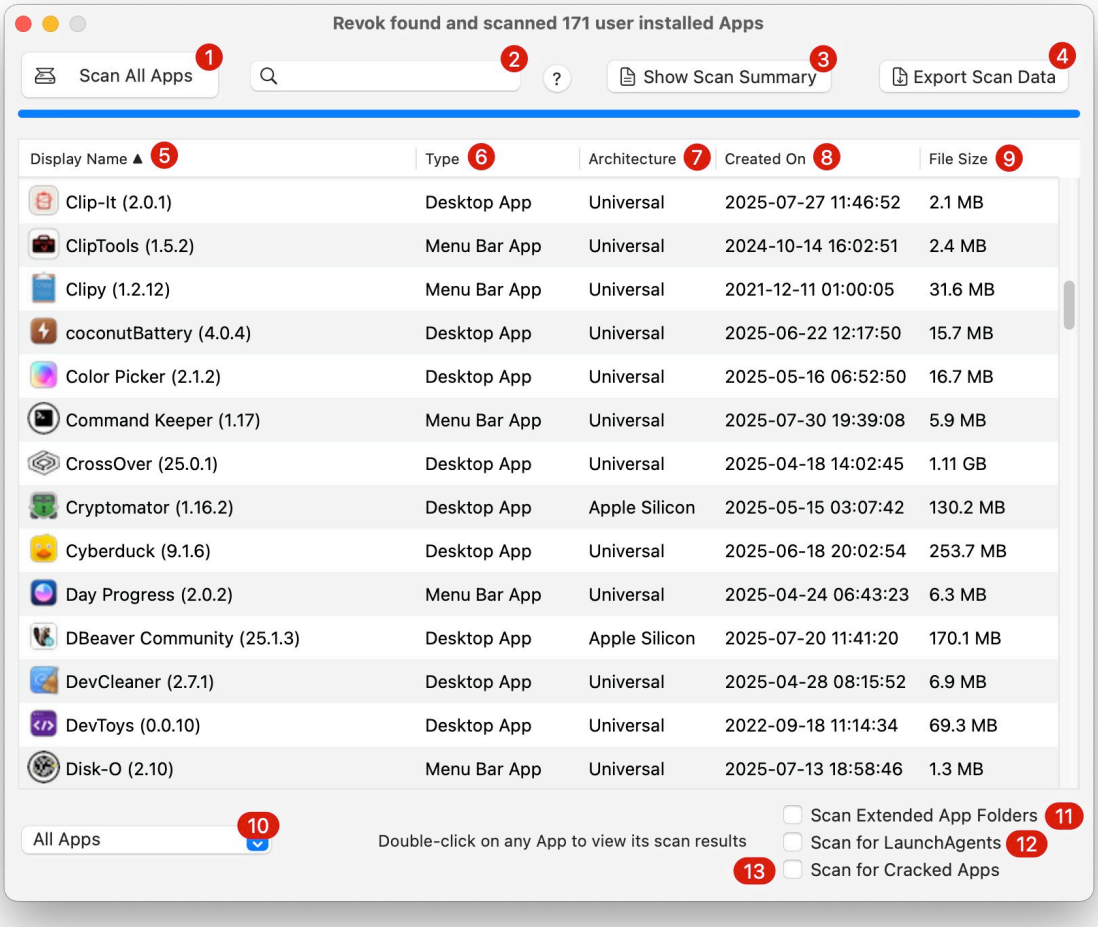
Upon successfully registering, you will see a notification like the image shown below:



Revok will then restart and the nag screen will be removed! If, for any reason, you need to reset your license, simply click the **Reset License** button and *Revok* will restart. The nag screen will reappear, but you can then re-enter your license to remove it.

Understanding the *Revok* User Interface

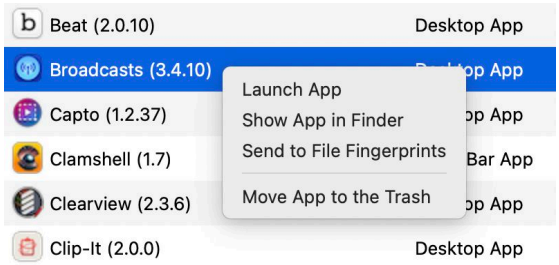
All actions within *Revok* are controlled from the main program window, which is illustrated below:



1 **Scan All Apps Button:** Clicking this button will make *Revok* scan your apps. Once the scanning is completed, *Revok* will generate a list of installed apps for you to explore. **Double-clicking on any app that appears in the list will display a detailed summary of the app's attributes.**

You can also page through the list of apps in the table by pressing **Shift +** ⬆ to page up and **Shift +** ⬇ to page down.

Right-clicking on any app that appears in the list will display a popup menu that allows you to perform these actions:

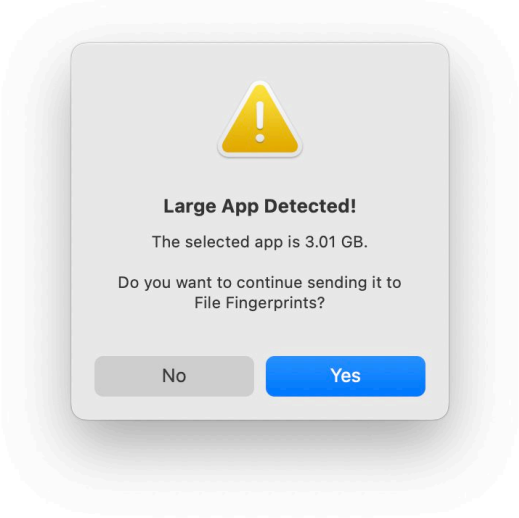


- **Launch App**: Run the selected app.
- **Show App in Finder:** Open a Finder window to reveal the selected application.
- **Move App to the Trash**. Move an app to your Mac's Trash.

NOTE: You will not be able to move any app that was installed via the *Mac App Store* or that came with your Mac into the Trash. This is because these apps are not meant to be manually deleted. For App Store apps, you are supposed to use the App Store application to remove them. I could programmatically delete them, but that would require an Admin password and I don't want to deal with that given the nature of *Revok*.

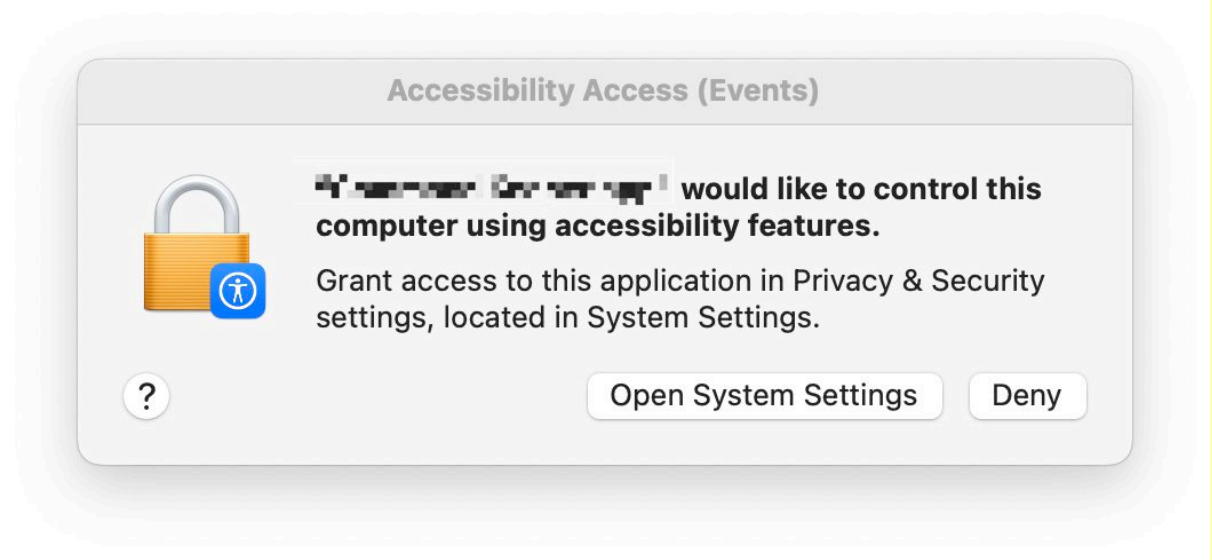
- **Send to File Fingerprints**: If installed, you can send the selected application to my *File Fingerprints* program to calculate checksums for all files it contains. Why is this useful? Every file contained in a macOS application has a unique checksum. These can be compared with published sources to see if a given application has been modified in some way (e.g. potential Malware). This feature may become even more useful because I am planning to explore adding a basic Malware detection mode to *File Fingerprints* in the future since it already contains 70-80% of what would be required to make a Malware scanning utility.

NOTE: *Revok* will ask you for confirmation if the selected app is larger than 104 megabytes since apps can easily contain thousands of files, which can take time to process, so this confirmation can prevent wasting time.



NOTE: This feature represents the start of greater integration between my various apps.

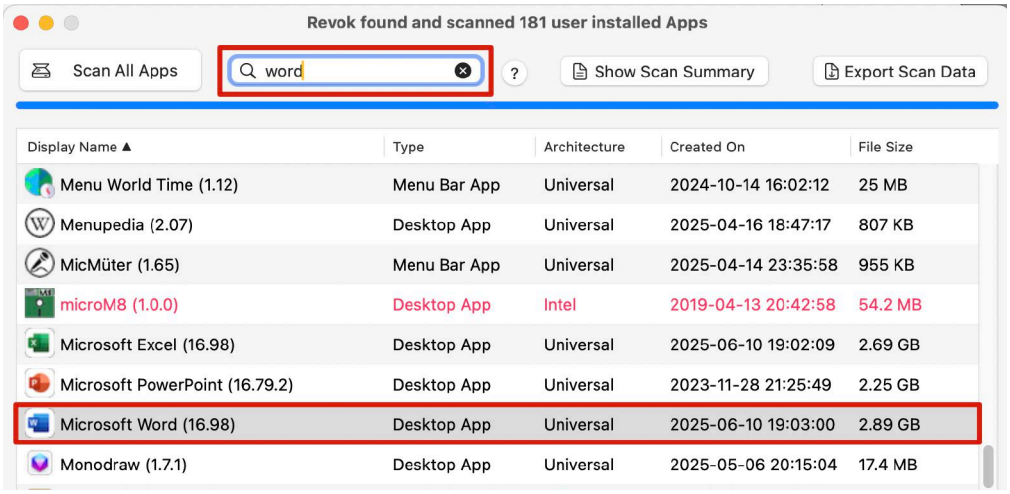
NOTE: The first time you use **Send to File Fingerprints** feature, you will be prompted by macOS to give *Revok* the necessary permissions to pass this information to *File Fingerprints*:



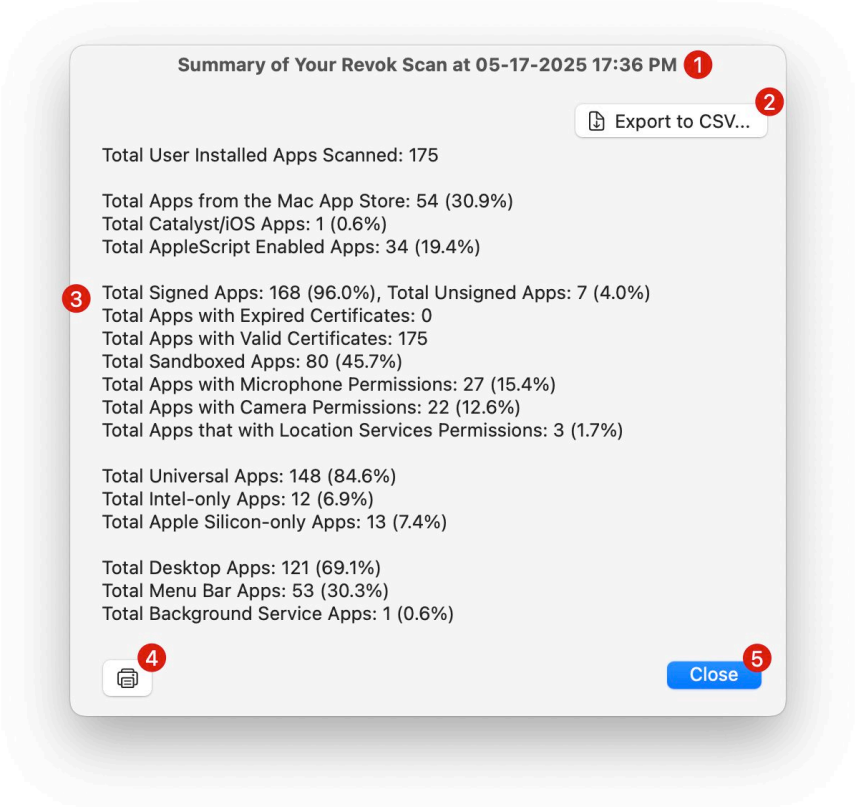
Open the **System Settings** and toggle *Revok* setting to be on:

Quit your **System Settings** and *Revok* then run *Revok* again and retry the **Send to File Fingerprints** option. It should work as expected.

2 **Find App Field:** As many users will accumulate dozens, if not hundreds, of apps over time, it can be helpful to find them within the scanned list. You can do this by typing the first few letters of a given app's name into this field. If matches are found, *Revok* will jump to the specific row of list and highlight the matching app, so you can explore its metadata:



3 **Show Scan Summary Button:** Clicking this button will display a high-level summary of all of your scanned apps. The following describes the information provided and the available options:



1 **Summary Title:** This displays a time-stamped title of the current app scan.

2 **Export to CSV:** Clicking this button will export the current summary to a CSV that displays three columns: *metric*, *count*, and *percentage*.

3 **Summary App Attributes:** *Revok* will summarize key app attributes here and display a count of how many apps have these specific attributes and what they represent as a percentage of your scanned apps. The list of attributes currently reported is as follows:

- **Total User Installed Apps Scanned:** Shows how many user-installed apps were scanned by *Revok*.
- **Total Apps from the Mac App Store:** Shows how many of your apps came from the Mac App Store.
- **Total Catalyst/iOS Apps:** Shows how many of your apps are iOS and/or Catalyst apps. For those who don't know, Catalyst is a framework that allows developers to create Mac applications using their existing iPad apps, enabling them to run on macOS with minimal changes. Let's not mince words, Catalyst hasn't exactly been a success, but there are such apps in the wild.
- **Total AppleScript Enabled Apps:** Shows how many of your apps actually support AppleScript for automation. This can be useful since this information isn't readily apparent for many apps.
- **Total Signed Apps, Total Unsigned Apps:** Shows how many of your apps are signed or unsigned. Code signing is the process of digitally signing executables and scripts to confirm the software author and guarantee that the code has not been altered or corrupted since it was signed by the author. This provides a level of security and works with other Apple security measures to protect your system. Developers frequently run unsigned apps on their machines during testing, but it tends to be a security risk when you are running unsigned apps that you've downloaded from an external source (e.g., some random website or Github repository).
- **Total Sandboxed Apps:** Shows a count of Sandboxed apps on your Mac. Sandboxed apps operate in a special environment that limits access to certain macOS functions and storage locations. In general, Sandboxed apps are more secure than non-Sandboxed ones **BUT** Sandboxed apps are not necessarily better than those that aren't Sandboxed. Here's why: Sandboxed have more limitations on what they can do, which can often inhibit their functionality — in some cases the limitations can be quite dramatic. For example, some API calls can't be used, etc.
- **Total Apps with Microphone Permissions:** Shows a count of apps that require Microphone access.
- **Total Apps with Camera Permissions:** Shows a count of apps that require Video Camera access.
- **Total Apps that with Location Services Permissions:** Shows a count of apps that require Location Services access (i.e., Geo IP tracking and the like).
- **Total Universal Apps:** Shows a count of installed apps that can run on both Intel and Apple Silicon Macs. This data point is important since such apps include two binaries, which means they take up more disk space than if they supported just Intel or Apple Silicon CPUs.
- **Total Intel-only Apps:** Shows a count of installed apps that were designed to run on Intel CPUs. While Macs using Apple Silicon processors can run many Intel apps, they do so with a performance penalty. In some cases, the performance gap can be significant.
- **Total Apple Silicon-only Apps:** Shows a count of installed apps that were designed to run only on Apple Silicon-based Macs.
- **Total Desktop Apps:** Shows a count of installed apps that are desktop apps. This means they can't run in the background.
- **Total Menu Bar Apps:** Shows a count of installed apps that are classified as Status Bar apps — these are apps that run in the background and are almost always available unless specifically quit.
- **Total Electron Apps:** Shows a count of installed apps that are classified as Electron apps, which

are websites packed into a desktop app that looks and behaves like native software, but is powered by a browser under the hood. These apps make it possible to create apps that run consistently across different Operating Systems, but they are also substantially slower and larger than native apps.

- **Total Background Service Apps:** Shows a count of special apps that may not have a UI but run in the background to perform various tasks. Typically device-drivers for keyboards or mice fall into this category. Firewalls can too. If you aren't aware that such programs are installed on your system, this would be good to know.
- **Total Cracked Apps:** Shows a count of installed apps that were identified as "cracked" and possibly tampered with in some way to remove certain restrictions such as license checks or trail limits. *Revok* looks for signatures of apps typically released by macOS pirate groups and suspicious metadata that may suggest these apps are not originals. The risks of using "cracked" apps varies. In many jurisdictions, using cracked apps may be illegal while in extreme cases they have been know to include viruses and malware.

4 **Print Button:** Clicking this button will allow you to print the contents of the **App Scan Summary** to your printer or as a PDF.

5 **Close Button:** Clicking this button will close the window.

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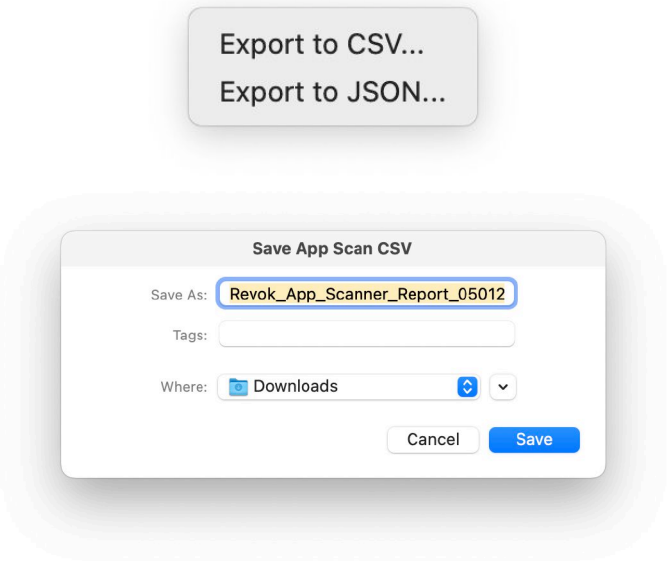
4 **Export Scan Data Button**: Clicking this button allows you to export a complete dump of all supported attributes for all of your apps to an **Excel-compatible CSV file** or a **JSON file** and save them to the location of your choice. The file is date and time-stamped, which makes it easier to track changes to your apps over time. There are some additional attributes that are also captured in this file such as the app's BundleID, which can be used to locate a given app's Preferences file. **The CSV export will also reflect the currently applied filter**, so if you have filtered the list of scanned apps to only show those from the Mac App Store, the CSV file will only include those apps.



5 **App Name and Version Number:** This column displays the complete name and corresponding version number of a scanned app. In cases where the version number can't be found, it will not be shown.

6 **App Type:** This column displays whether a given app is a Desktop app, a Menu Bar

app, or a Background app.

7 **App Architecture:** This column displays where a given app is Universal (contains both Intel and Apple Silicon code), is Intel-only, or Apple Silicon-only.

8 **App Creation Date:** This column displays information on when the app was created.

9 **App Size:** This column displays the size of a given app in kilobytes, megabytes, and gigabytes.

> **NOTE:** You can sort the **App Name**, **App Type**, **Architecture**, **Creation Date**, and **Size** columns in A-Z and Z-A by clicking on their headers.

10 **Filter Menu:** This menu allows you to filter the listed of scanned apps by 10 different attributes, including:

- *All Apps (default view)*
- *Unsigned Apps*
- *Sandboxed Apps*
- *Notarized Apps*
- *App Store Apps*
- *Intel-only Apps*
- *Arm-only Apps (Apple Silicon)*
- *iOS/Catalyst Apps*
- *Electron Apps*
- *AppleScript Enabled*
- *Low Usage Apps* (shows apps that have been launched 5 or fewer times since — the caveat is that launches seem to be tied to the last time the app was updated)
- *Added / Updated Apps* (shows apps that have been added or updated in the last 30 days — the caveat is similar to the Low Usage Apps filter)
- *Apps using Camera (apps with Camera entitlements — they will request access)*
- *Apps using Microphone (with Microphone entitlements — they will request access)*
- *Apps using Location (with Location Services entitlements — they will request access)*
- *Cracked Apps*
- *Apps with LaunchAgents*

To reset the view, simply select the “All” filter in the menu.

11 **Scan Extended App Folders:** Checking this box will include so-called “System” apps in your scan like the *Terminal*, *Stocks*, and others plus any apps located in your Home folder (for *CrossOver* and/or *PortingGamesKit* users). Including these apps will increase the time to perform a scan dramatically, so by default, they are not included.

12 **Scan for LaunchAgents:** Checking this box will have *Revok* attempt to scan for

LaunchAgents, which are processes that can run and perform tasks when the user is logged in. Often, these are used to make a specific Menu Bar app to start automatically when you log into your Mac or they are used to check for software licenses and such. LaunchAgents can also be used for nefarious purposes, for example, when Malware tries to install them to become persistent. **There are some important limitations related to this feature:**

- *Revok* will only scan for LaunchAgents installed by user apps — not the ones installed by Apple that are needed for the normal operation of macOS.
- *Revok* will only report on LaunchAgents that can be directly tied to the BundleID of a scanned app. BundleIDs are the unique identifier of a Mac app. Many developers use the same BundleID for their LaunchAgents, but not always. For example, Microsoft apps and possibly others.

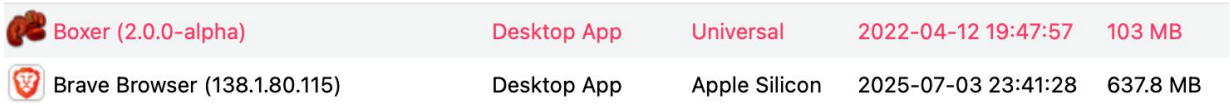
13 **Scan for Cracked Apps:** Checking this box will force *Revok* to scan for **Cracked Apps**. This option currently has many limitations and will add about 15-18% more time to the average scan.

NOTE: LaunchAgents can be installed at any time. For example, many Menu Bar apps have the ability to installed them, so just because you don't see one appear in a scan does not mean they can't appear in a future one.

NOTE: If you care about speed, you should leave these options unchecked. They could decrease scanning speed by 50-100% depending on your Mac and the number of applications you have installed. On the other hand, if you are really interested in what's been installed on your Mac, you should try them out.

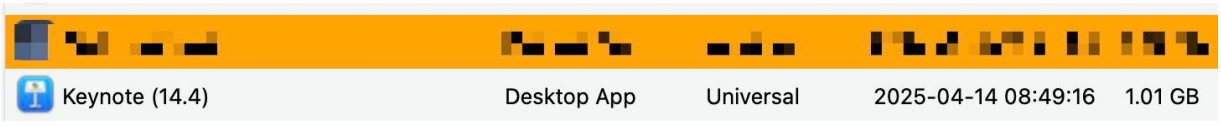
Unsigned and Cracked Apps in the *Revok* UI

Apps that are not signed by a registered Apple Developer are shown with red text in the *Revo*k UI:



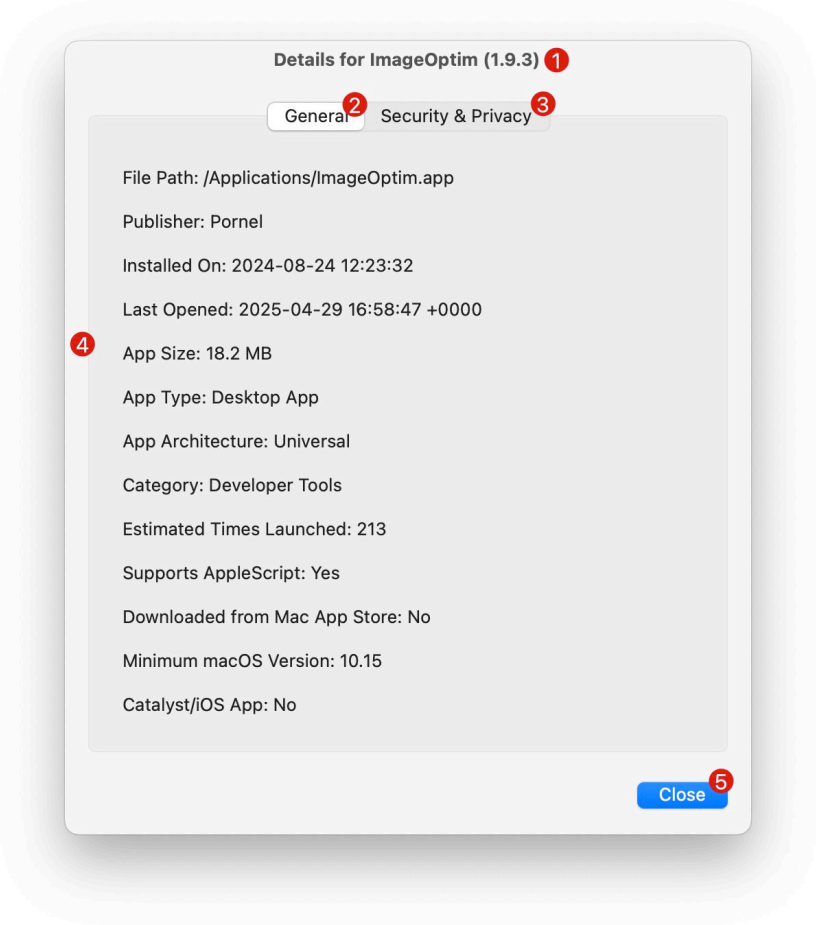
Unsigned apps may be potentially dangerous because they bypass essential macOS security mechanisms designed to protect your system from malicious or unverified software.

Similarly, cracked apps could contain malicious code, so they are also flagged in the Revok UI using orange background text:



Viewing Individual App Scan Details

Double-clicking on any app that appears in the list of scanned apps will display comprehensive metadata on that app as illustrated in the image below:



1 **Selected App Details:** This shows the name of the selected app along with its version number (if available).

2 **General App Metadata Panel:** Selecting this panel will display various general metadata about the selected app.

3 **Security & Privacy Metadata Panel:** Selecting this panel will display security and privacy-oriented metadata associated with the selected app.

4 **Specific App Metadata and Attributes:** The following a list of the available metadata and attributes you can see:

General

- **File Path:** Shows the full file path to the selected app (i.e., where its physically located on your Mac).
- **Publisher:** Shows information on the developer / vendor of the selected app. **Important note**: I

attempted to catalog vendors I'm familiar with, but since I'm not aware of any master database of this information, my catalog is limited. In cases where I could not perform the mapping, I simply extract the information and make certain assumptions.

- **Created On:** Shows the exact time and date of when the selected app was created. If the app has recently been updated, this will show the date of the update.
- **Last Opened:** Shows the exact time and date of when the app was last opened / launched.
- **App Size:** Shows the size of the selected app on disk in kilobytes, megabytes, and even gigabytes.
- **App Type:** Shows whether the app is a Desktop app, Menu Bar app, or a Background app. **Important note:** This information is *mostly* reliable. It's possible for some apps to operate as Menu Bar apps but they don't tell the system they are.
- **App Architecture:** Shows whether the selected app is a Universal, Intel-only, or Apple Silicon-only app.
- **Category:** Shows the declared app category. Important note: This information is required for the Mac App Store, but rarely appears for apps distributed from other channels. Thus, it's often not available.
- **Estimated Times Launched:** Shows the number of times the selected app is launched. **Important note:** This information isn't always reliable — upgrading apps tends to reset it and there can be cases where the app never got indexed by Spotlight.
- **Supports AppleScript:** Shows whether the app supports AppleScript for greater automation. This can be helpful since the only other way to know this is to open the app with the Script Editor to see if it has an AppleScript Dictionary.
- **Downloaded from Mac App Store:** Shows whether or not the selected app was downloaded from the Mac App Store.
- **Minimum macOS Version:** Shows the minimum version the selected app can run on.
- **Catalyst/iOS App:** Shows whether the selected app is a standard macOS app or is an iPad app that has been adapted to run under macOS.
- **Electron App:** Shows whether the selected app is a native macOS app or is an Electron app.

Security

- **Signature:** Shows the developer information who signed the selected app. If the App comes from the Mac App Store, the signature will say ***Apple macOS Signing***, otherwise it display the name and the developer ID who signed the app.
- **Certificate Expired:** Shows if the app's Developer Certificate is still valid.
- **Notarized App:** Shows if the app has been notarized. Notarized apps provide some extra security. For example, the macOS Gatekeeper service checks to see if the app contains a Notarization ticket, which, if present, won't trigger any warnings before running it. Important note: Apps downloaded from the Mac App Store don't require notarization. However, apps distributed outside the Mac App Store really should be Notarized for your peace of mind.
- **Sandboxed App:** Shows whether or not the selected app is Sandboxed.
- **Has Camera Permission:** Shows whether or not the selected app requires permission to access your Mac's video camera.
- **Has Microphone Permission:** Shows whether or not the selected app requires permission to access your Mac's microphone.
- **Has Location Services Permission:** Shows whether or not the selected app requires

permission to access your Mac's Location Services (e.g. Geo-IP lookups, etc.).

- **Suspected Cracked App:** Shows if *Revok* believes a given app has been cracked. *Revok* goes off a limited set of signatures, so there could be both false positives and even false negatives.
- **Owner:** Shows the UNIX group ID (GID) number for the owner group of a given app. The following table explains how to interpret the different values:

GID	macOS Default Group Name
0	wheel (system installed apps - e.g. from Apple or the Mac AppStore)
20	staff (common for user installed apps)
80	admin (common for user installed apps)
12	everyone

- **Has Launch Agent:** Shows whether other not if this application has an LaunchAgent.

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5 **Close Button:** Clicking on this button will close the window.

Caveats & Limitations

- **Accuracy:** Apps can omit information. While *Revok* does its best to scan data, it ultimately relies on the metadata that's presented to it. *Revok* is probably 90-95% of the time. In addition, some of the information it leverages can be brittle. For example, app Launch Count information from Spotlight, which may not always be accurate or available for different reasons. Nevertheless, *Revok* can be a handy tool for auditing your installed apps along several dimensions.
- **Speed:** It takes *Revok* about 15-20 seconds to scan 200+ Apps on my M2 MacBook Air using the basic settings (e.g. no **LaunchAgent** scanning). However, it checks the machine's CPU and will spawn more threads if it's running on a beefier machine to run faster. I actually can speed things up even further, but that investment is contingent on broader *Revok* usage and user feedback.
- **New App Version Detection**: *Revok* relies on macOS functions to identify an app's version number and will cache this information, so *Revok* won't be able to pick up a new version of an app if you have updated some installed software in between scans. The cache is only cleared if *Revok* is quit. There may be ways to work around this but the drawbacks far outweigh the potential benefits.
- **App Volume and Memory**: *Revok* requires at least 16 GB of RAM for a good experience. Some users have run into issues when trying to run *Revok* on 8GB of RAM with >500 apps. I have some theories on why there are issues but have not yet been able to fully isolate the issue. Thus, its not recommended to use *Revok* on a low-end Mac with many apps installed.
- **Localization:** I have attempted to localize the *Revok* UI for German, which may be imperfect. However, if successful (not too many mangled translations for formats), I will attempt to support other languages in the future.

NOTE: I strong recommend using a program like **Apparency**, to explore and validate any files that Revok flags as unsigned. *Apparency* performs a deeper analysis of the app binary and detect other issues.

Is *Revok* Safe?

Absolutely. *Revok* does not write or store any data, so your apps won't get mangled. It simply reads it from your apps using documented file structures. Essentially, *Revok* does three things when it performs a scan:

1. It scans the Info.plist, which is part of every macOS application. Info.plist is a special XML file that contains keys that determine everything from where an app stores its icons to what privacy and security entitlements the app needs and a bunch of things in-between.
2. It uses the codesign utility (available via Apple's Xcode Command Tools) to verify the security and integrity of each app.
3. It does a deep scan of each app to check what CPU its code can run on by looking for magic numbers (unique identifiers).

Why the name *Revok*?

Revok is a homage to the 1981 Sci Fi cult classic "**Scanners**." Darryl Revok was the name of the antagonist, Since this program scans files, I thought it would be funny to called it *Revok*.

Revok-cli: A Command-line Version of *Revok*

Revok CLI is a powerful command-line utility that scans all installed macOS apps and extracts deep metadata — including version, vendor, permissions (camera, mic, location), architecture type, App Store status, sandboxing, notarization, and more. Ideal for developers, sysadmins, security auditors, and Mac power users, revok-cli delivers fast, automated app inventory in **JSON or CSV** format — perfect for automation, auditing, and compliance workflows.

NOTE: revok-cli will only run if you have entered a valid *Revok* license key.

Installation

1. Drag the revok-cli tool to your working folder (let's call it yourdownloadpath)
2. Type `sudo cp /Users/yourdownloadpath/revok-cli /usr/local/bin/revok-cli`
3. Type `chmod +x /usr/local/bin/revok-cli`

Usage

```
Usage: revok_cli --cli [options]
Options:
  --cli              Run CLI scan
  --root             Include /Applications
  --system           Include /System/Applications
  --user             Include ~/Applications
  --summary          Print human-readable app summary
  --json-summary     Output app summary in JSON format
  --out [path]       Output file path for JSON
  --no-crack         Skip cracked app detection
  --electron         Enables detection of Electron-based apps
  --stdout           Output JSON to stdout instead of writing to a file
  --csv              Output results in CSV format to stdout
  --no-json          Only outputs the the scan summary; does not output JSON
  --csv-out [path]   Write CSV output to specified file
  --silent           Suppress all standard output
  --no-progress      Suppress the status update of apps scanned
  --fast-scan        Skip codesign checks, binary parsing, or file size

                     Note: --stdout and --out cannot be used together
```

Checking the current version

`revok-cli –version`

Returns `Revok CLI 1.03, 31 July 2025`

Performing a basic scan

```
revok-cli --cli
```

This scans /Applications, /System/Applications, and ~/Applications, then outputs to ~/`revok_scan_result.json` (by default, all scans output to your home directory)

Perform a scan with a custom output location

```
revok-cli --cli --out ~/Desktop/apps.json
```

Perform a scan without a status update

```
revok-cli --cli --summary —-no-progress
```

Perform a scan without scanning for Cracked apps

```
revok-cli --cli --summary —-no-crack
```

Perform a scan to also scan for Electron apps

```
revok-cli --cli --summary —-electron
```

Perform a scan and output a CSV to a custom location

```
revok-cli --cli --summary --csv-out ~/downloads/foo.csv --no-json
```

> **NOTE:** You must specifically exclude JSON output to use CSV output.

Output a scan along with a summary, detecting electron apps, skipping cracked app checks and generating JSON output

```
revok-cli --cli --summary —no-crack —electron
```

```
Scan complete: 184 apps found

[SCAN SUMMARY]

Total apps: 171
From Mac App Store: 53 (31.0%)
Signed: 171 (100.0%)
Unsigned: 0 (0.0%)
Sandboxed: 77 (45.0%)
Catalyst/iOS: 1 (0.6%)
AppleScript-enabled: 33 (19.3%)
Permissions - Camera: 22, Mic: 27, Location: 4
Electron Apps: 3 (1.8%)
Architectures - Intel: 10, ARM: 17, Universal: 143
Types - Desktop: 121, Menu Bar: 49, Background: 1
```

```
JSON output saved to: /Users/arifeldman/revok_scan_result.json
```

Perform a fast scan (skips certain checks)

```
revok-cli --cli --no-size --no-privacy --out fast_scan.json
```

Output a scan with a timestamp

```
revok-cli --cli --out "revok_$(date +%Y-%m-%d_%H%M).json"
```

Output JSON to stdout instead of writing to a file

```
revok-cli --cli --stdout
```

> **NOTE:** revok-cli will display errors for incompatible command line options. For example, using the –`fast-scan` and –`electron` switches.

Version History

- **v1.14 Released 21 August 2025**
  - Refactored the CPU architecture scan to use less memory
  - Freed up buffers after each scan; combined with the CPU architecture scan improvements, Revok should handle scans of larger numbers of apps
  - Added keyboard shortcuts to page up and down the entries in the table
  - Updated revok-cli to use these memory optimizations
- **v1.13 Released 6 August 2025**
  - Optimized LastUsedCount and LastAccessDate routines for both Revok and revok-cli to reduce scan time by 5-10 seconds per 100 apps
  - Improved JSON and CSV output for both Revok and revok-cli
  - Added new metadata field to show the UNIX file owner value for a given app
- **v1.12 Released 4 August 2025**
  - Provided an option to not perform scans for cracked apps by default, which can shave 15-18% time off a scan
  - Added an option to check for program updates when Revok starts
  - Added a check to make sure that Xcode Command Line Tools are installed, as it may have been possible to run Revok and it silently fail because some required tools like codesign need to run
  - Added an option to view Revok's User Guide from the main File menu
  - Updated revok-cli to support the ability to disable scans for Cracked Apps and optionally scan for Electron apps; revok-cli will also show the percentage of the scan completed
  - Updated revok-cli to check if Xcode Command Line Tools are installed
  - Fixed a bug where the revok-cli CSV output was incomplete
  - Added a new command line option, —version, which displays the revok-cli version number
  - Added detection for incompatible command line options and display errors where applicable
- **v1.11 Released 8 July 2025**
  - Added support to detect potentially cracked apps to both Revok and revok-cli
- **v1.10 Released 7 July 2025**
  - Dramatically improved revok-cli performance to use N-2 CPU cores, so if you have 8 logical/

physical CPU cores, it will use 6
    - Ask for confirmation before sending large files to File Fingerprints
- **v1.09 Released 5 July 2025**
    - Added a nag screen to encourage donations
    - Added the ability to check for program updates
    - Built an accompanying command line tool called revok-cli that supports a subset of Revok metadata
- **v1.08 Released 4 July 2025**
    - Added a simple integration between File Fingerprints and Revok
- **v1.07 Released 29 June 2025**
    - Replaced the search field with an NSSearch element, which makes finding a specific app very fast
- **v1.06 Released 2 June 2025**
    - Improved memory use by freeing additional resources
    - Fixed a bug JSON exports where the timestamp was not included in the filename
    - Added the ability to launch apps from the right-click menu
    - Added the ability to detect Electron apps
- **v1.05 Released 21 May 2025**
    - Added support for JSON exports
    - Localized the Revok UI for German
    - Added the ability to detect LaunchAgents
- **v1.04 Released 16 May 2025**
    - Added an option to allow a user to reveal a specific app in the Finder or to move it into the Trash
    - Localized the size of apps for non-US and Commonwealth users
    - Added an export to CSV options o the summary window
- **v1.03 Released 15 May 2025**
    - Fixed a bug that prevented Revok from running correctly on macOS 15.5
    - Added new filters for permissions and Apple Silicon apps
    - Improved the Find function to find partial matches and the next occurrence of a match
- **v1.02 Released 7 May 2025**
    - Added column headers for the main window that support sorting
    - Highlight unsigned apps in red to identify potential security risks
    - Exported CSV files now indicate the filter view for greater clarity
    - Clarified app installation, which is really data from the app’s creation date
    - Auto-sort the scanned app list once scanning is completed
- **v1.01 Released 3 May 2025**
    - Added 2 additional filters for scanned apps
    - Improved the Find function to display an error when the input wasn’t matched by an application
    - Allows the main app window to be minimized
    - Fixed a bug where some attributes shown in the main UI were not carried over to filters, which may have erroneously given wrong values when looking at a detailed view for a specific app
- **v1.00 Released 2 May 2025**
    - Initial release