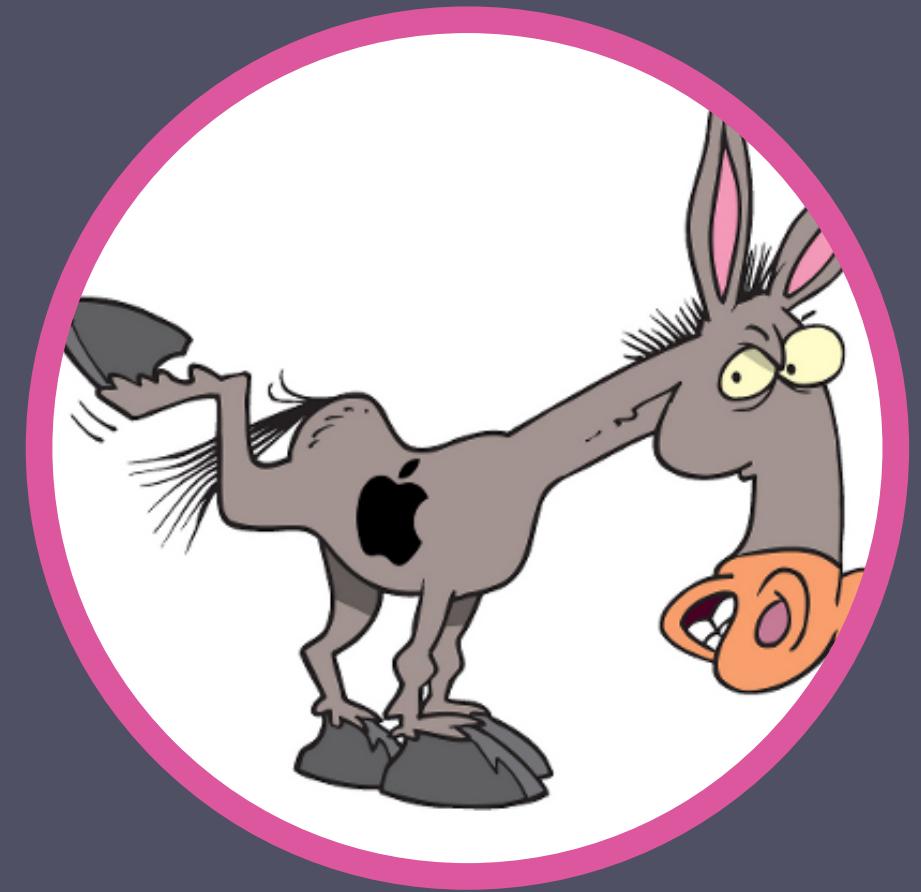


dataJAR
Beyond Device Management



Ben Toms

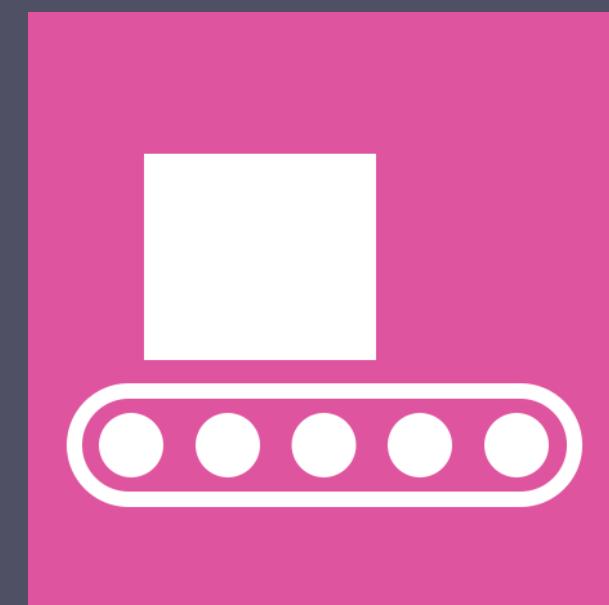
Head of Innovation and Platform | ben@datajar.co.uk



macmule

macmule.com |  macmule |  @macmuleblog

dj.



github.com

Search or jump to... Pull requests Issues Marketplace Explore

autopkg / dataJAR-recipes

Code Issues 3 Pull requests 1 Actions Projects Security Insights Settings

master 3 branches 0 tags Go to file Add file Code

macmule Update RingCentral Rooms.munki.recipe d7c88bc 18 hours ago 1,230 commits

4K Video Downloader Version 4KVD using CFBundleVersion key 2 years ago

AMS Neve GenesysControl plugin AMS Neve GenesysControl plugin recipes 11 months ago

ARRIRAWConverter 4 Updated reg-ex and version splitter 17 months ago

AWSCLI Change parent recipe for cgerke-recipes deprecation 14 days ago

Abstract Fixed download pattern 14 months ago

Acronis Files Connect Adjust PkgCreator arguments 3 months ago

ActivDriver Update ActivDriver.munki.recipe 2 years ago

ActivInspire ActivInspire Recipes 2 years ago

Adobe 2020 Update Adobe2020Versioner.py 5 days ago

Adobe 2021 Update Adobe2021Versioner.py 5 days ago

Adobe CC 2019 Update AdobeCC2019Versioner.py 12 days ago

Adobe License Decoder Added Adobe License Decoder 2 months ago

AirParrot 2-Trial Update AirParrot 2-Trial.download.recipe 17 days ago

Aircall Create Aircall.munki.recipe 6 months ago

AmazonCorrettoJDK Update AmazonCorrettoJava8.munki.recipe 10 months ago

Andrew Belt Create VCV Rack.munki.recipe 16 months ago

Any Video Converter Free for Mac Adjust PkgCreator arguments 3 months ago

Apache NetBeans 11 Updated Reg-Ex and simplified 11 months ago

Apache NetBeans 12 Added NetBeans v12 11 months ago

About

Elegant and powerful Apple services for business and education.

[www.datajar.co.uk](#)

Readme

Apache-2.0 License

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

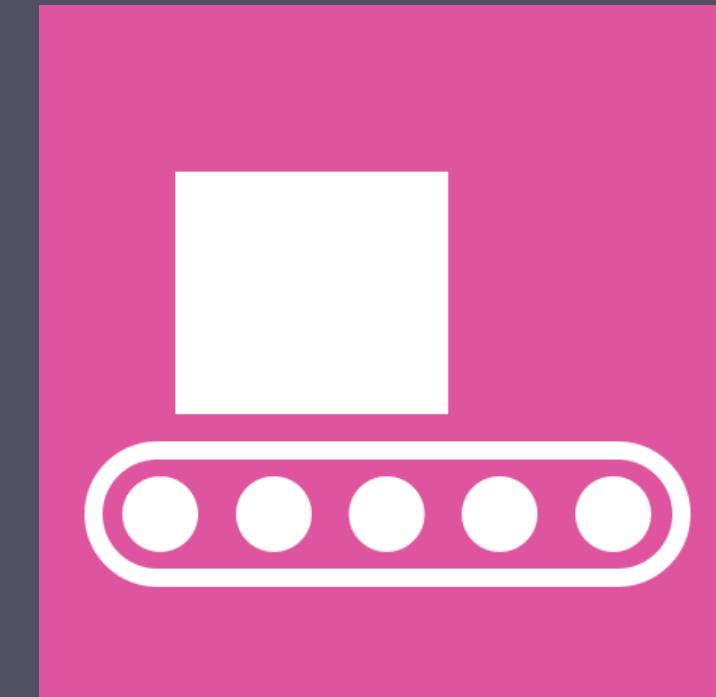
Contributors 29

+ 18 contributors

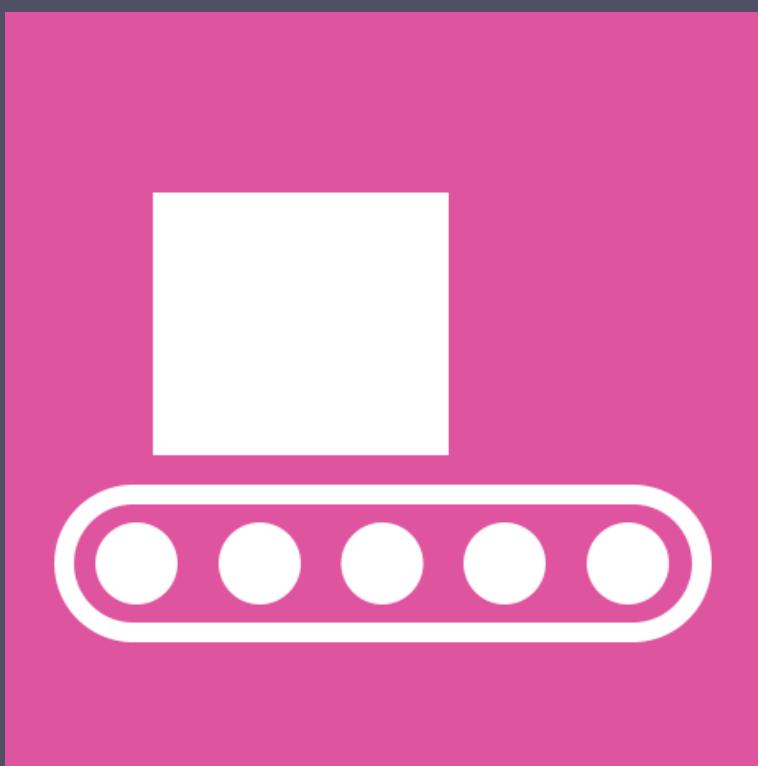
Languages

Python 97.1% Shell 2.3%

HTML 0.6%



Digging for download URLs for AutoPkg recipes



Topics

Questions

Investigating

Static URLs

Dynamic URLs

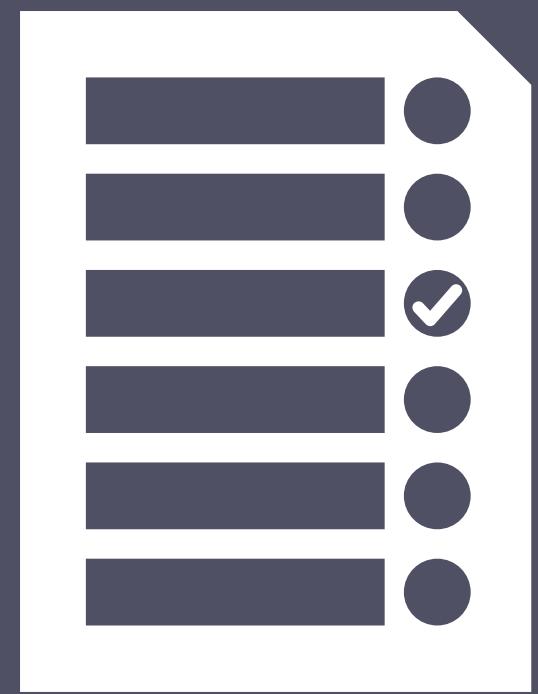
Updater URLs

Disassembly

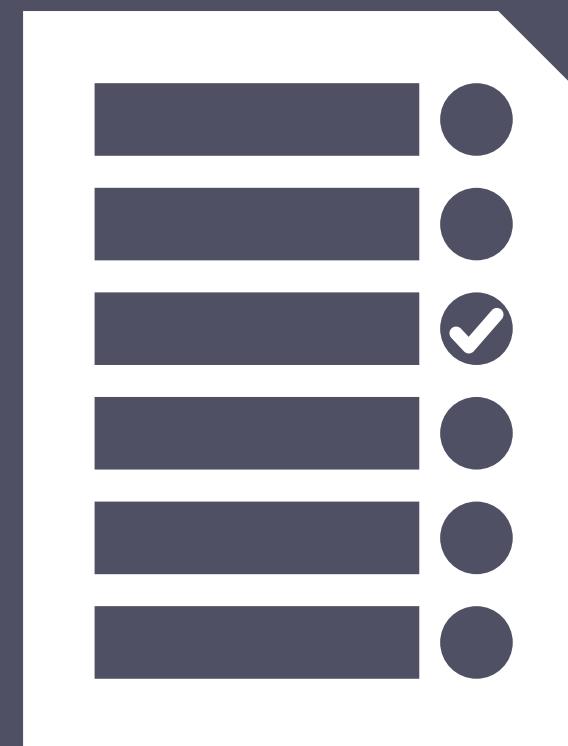
One more thing...



<https://github.com/dataJAR/MacDevOpsYVR2021>



Questions



Questions

Download link?

Public download?

Behind a login?

Org specific download?

Builtin updater?



Investigating

ringcentral.co.uk

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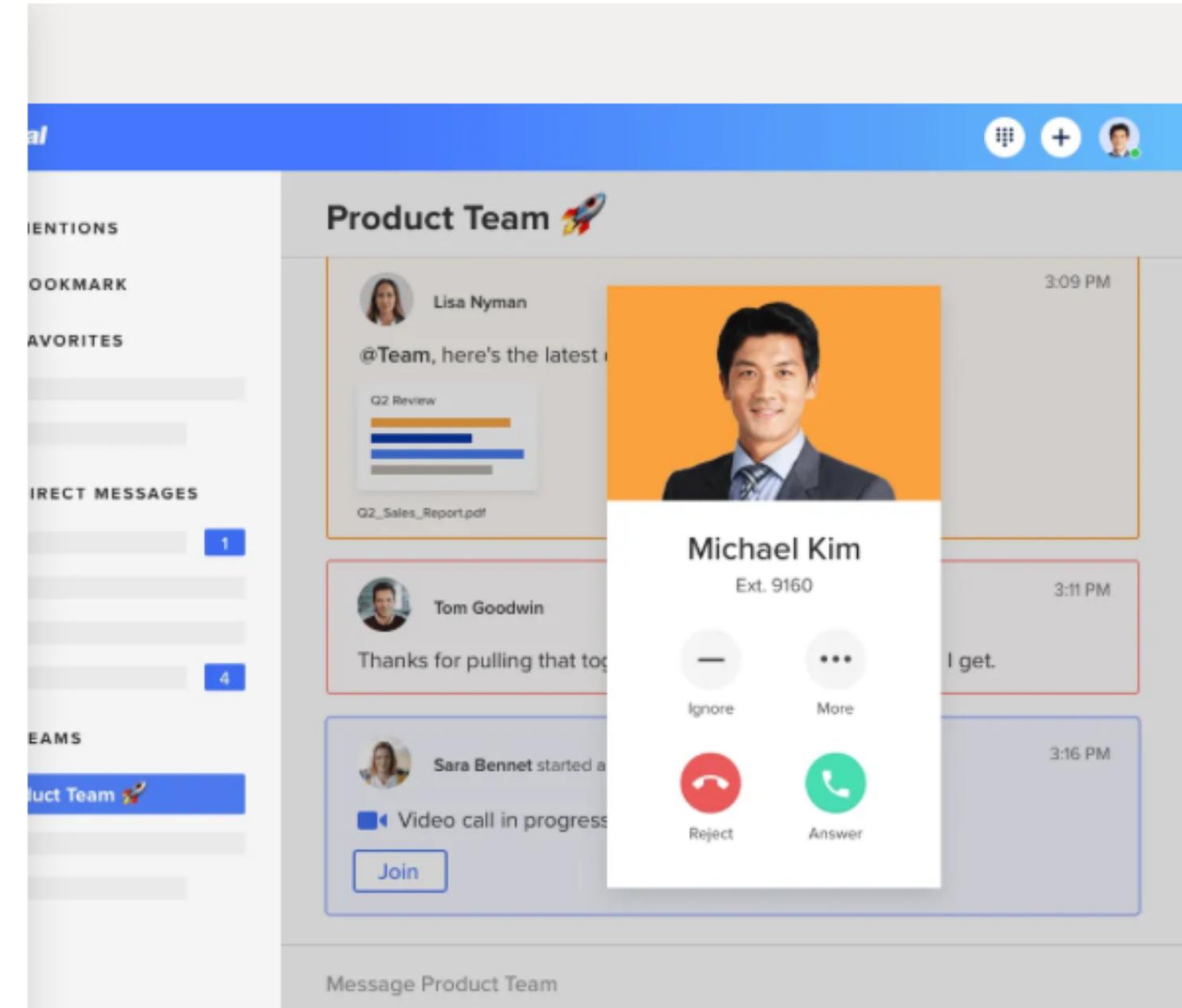
Talk to an expert: **0800 098 8136** View demo

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Products Solutions Plans and pricing Partners Resources

Everything you need in one beautiful app

Team messaging, video meetings, and a business phone
—reimagined so you can do more from anywhere.

The screenshot shows the RingCentral mobile application. At the top, there's a blue header bar with the "RingCentral" logo. Below the header, on the left, is a sidebar with icons for "MENTIONS", "BOOKMARK", "FAVORITES", and "DIRECT MESSAGES". The "DIRECT MESSAGES" section has a blue notification badge with the number "1". On the right, the main screen displays a conversation titled "Product Team" with a rocket ship emoji. Lisa Nyman sent a message at 3:09 PM: "@Team, here's the latest data, can we review? 🚀" followed by a file attachment for "Q2 Review" and a PDF file named "Q2_Sales_Report.pdf". Tom responded at 3:11 PM: "Thanks for pulling that together. I will take a look as soon as I can." A large blue play button is overlaid on the bottom left of the message list. At the bottom right, there's a blue message input field with a white speech bubble icon.

support.ringcentral.com

Desktop Apps for Windows & Mac | RingCentral RingCentral Support | Voice, Video, and Messaging Solutions

RingCentral Support

Login

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Hello, we're here to help!

Ask us anything

Popular topics: [How to login to your account](#), [Network requirements](#), [Download RingCentral app](#)

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HOW TO **Get started with RingCentral**

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- Salesforce
- Google Chrome
- Zendesk

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TRENDING **Configuring user extension**

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SMS service available in select countries only. SMS and data rates may apply.

Download the desktop app

Download app

Open Link in New Tab
Open Link in New Window
Download Linked File
Download Linked File As...
Add Link to Bookmarks...
Add Link to Reading List
Copy Link
Share

Feedback

Not a customer? Sign up today!

<https://app.ringcentral.com/download/RingCentral.pkg>



Static URLs

<https://app.ringcentral.com/download/RingCentral.pkg>



```
$ curl https://app.ringcentral.com/download/RingCentral.pkg -o ~/Downloads/RingCentral.pkg
```

Terminal

```
$ curl https://app.ringcentral.com/download/RingCentral.pkg -o ~/Downloads/RingCentral.pkg
% Total    % Received % Xferd  Average Speed   Time     Time      Time  Current
          Dload  Upload   Total   Spent    Left  Speed
100  205M  100  205M    0      0  10.5M    0:00:19  0:00:19 --:--:-- 10.9M
$
```

Downloads

Name	Size	Kind	Date Added
RingCentral.pkg	215.4 MB	Installable Package	Today at 14:09

Favourites

- AirDrop
- Recents
- Applications
- Desktop
- Documents
- Downloads

Locations

- iCloud Drive
- Network

Tags

- Red
- Orange
- Yellow
- Green

Macintosh HD > Users > ben > Downloads

RingCentral.pkg

Back/Forward Path Action Get Info Installer Search Exports Review

Package Info

All Files All Scripts Receipts

 RingCentral.pkg

Developer ID Installer Package [?](#)

Previously installed on  Macintosh HD using /usr/sbin/installer — 29 April 2021 [\(edit\)](#)

 Installs 3,343 items — 580.4 MB on disk [\(edit\)](#)

 Can be installed into user's home folder

 DEVELOPER ID Signed by "Developer ID Installer: RingCentral, Inc. (M932RC5J66)" [\(edit\)](#)

 Notarized by Apple [\(edit\)](#)

 Runs 2 install scripts [\(edit\)](#)

 Installs natively on Intel, requires Rosetta 2 on Apple Silicon [\(edit\)](#)

 Didn't find any issues for review [\(edit\)](#)

```
<key>DOWNLOAD_URL</key>
<string>https://app.ringcentral.com/download/
RingCentral.pkg</string>

<dict>
    <key>Processor</key>
    <string>URLDownloader</string>
    <key>Arguments</key>
    <dict>
        <key>url</key>
        <string>%DOWNLOAD_URL%</string>
        <key>filename</key>
        <string>%NAME%.pkg</string>
    </dict>
</dict>
```

```
<key>DOWNLOAD_URL</key>
<string>https://app.ringcentral.com/download/
RingCentral.pkg</string>

<dict>
    <key>Processor</key>
    <string>URLDownloader</string>
    <key>Arguments</key>
    <dict>
        <key>url</key>
        <string>%DOWNLOAD_URL%</string>
        <key>filename</key>
        <string>%NAME%.pkg</string>
    </dict>
</dict>
```

```
<key>DOWNLOAD_URL</key>
<string>https://app.ringcentral.com/download/
RingCentral.pkg</string>

<dict>
    <key>Processor</key>
    <string>URLDownloader</string>
    <key>Arguments</key>
    <dict>
        <key>url</key>
        <string>%DOWNLOAD_URL%</string>
        <key>filename</key>
        <string>%NAME%.pkg</string>
    </dict>
</dict>
```

The screenshot shows a GitHub repository page for 'autopkg / autopkg'. The page has a dark theme. At the top, there's a navigation bar with links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below the navigation is a header with the repository name 'autopkg / autopkg', a search bar, and icons for 'Unwatch' (109), 'Star' (888), 'Fork' (152). Below the header is a navigation bar with links for 'Code', 'Issues' (28), 'Pull requests' (9), 'Actions', 'Wiki', 'Security', and 'Insights'. The main content area starts with a section titled 'FAQ' with a timestamp 'Elliot Jordan edited this page on 28 Feb · 28 revisions'. There are three main questions listed:

- Every time I run a recipe it downloads something even if it didn't change. Why?**

AutoPkg's download processor makes use of a couple of standard HTTP headers ("last-modified" and "etag") to determine if the file has changed before requesting a download. If the vendor's web server does not send those headers, or the file is hosted on one of several replicas, AutoPkg cannot tell if the file on the server is different from the one it has.

For example:
VLC is hosted on multiple mirrors, and the different mirrors have different "last-modified" time stamps. If AutoPkg gets a mirror with a "last-modified" date that's different than what AutoPkg previously saw for VLC, AutoPkg will download the "newer" VLC. Of course, once it's downloaded, AutoPkg will discover it's a VLC version it already has.
- Every time I run a .munki recipe it keeps importing the item into my repo. Why?**

AutoPkg doesn't automatically rebuild your Munki catalogs for you, so the new items copied to the repo don't actually exist in any catalogs.

There is however, a special recipe, `MakeCatalogs.munki`, that's part of the [autopkg/recipes](#) repo. It must be run as part of the *same AutoPkg run* as other Munki recipes, for example:

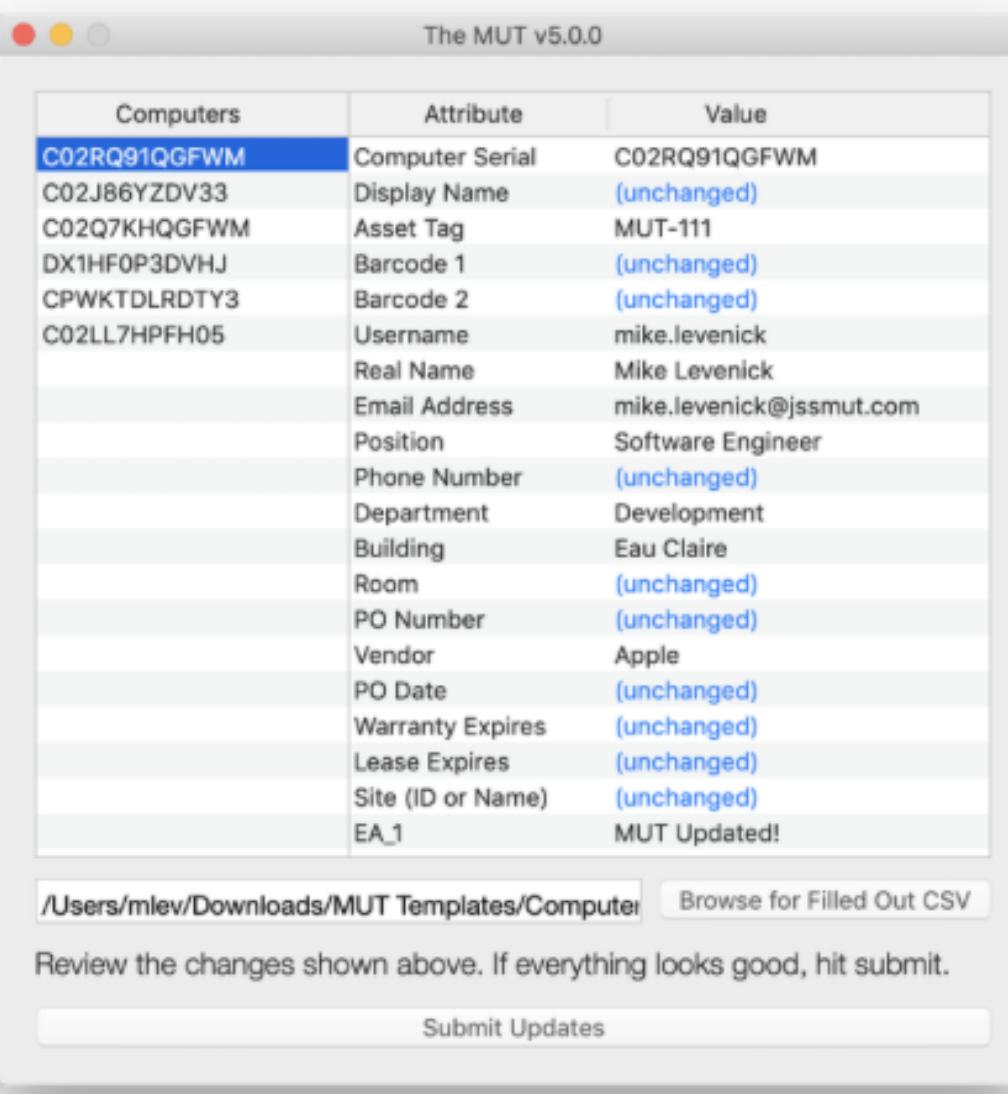
```
autopkg run GoogleChrome.munki MakeCatalogs.munki
```

If it detects that any new items were imported into the Munki repo during this run, it rebuilds catalogs. If no new items were imported, it does not. If this recipe is run separately from other Munki recipes, it will not detect a need to rebuild catalogs and *it will do nothing*. If you need to rebuild Munki catalogs in this situation, just use Munki's `makemcatalogs` tool.
- Everyone says a new version of Application X was released, but AutoPkg doesn't pick it up. Why?**

Many recipes rely on the same auto-update mechanism that's available within the application itself to detect new versions. Sometimes a release is made generally available via a web page before it is via the in-application update mechanism. This is very common with the Flash Player recipe - it is often available for download hours before it's published on Adobe's auto-update feed.

On the right side of the page, there are two sidebar components: 'Pages (73)' and a 'Table of Contents' with a list of links to various sections of the documentation.

Pages	73
Table of Contents	
<ul style="list-style-type: none">• Introduction• Getting Started• FAQ• More Resources• AutoPkg Reference<ul style="list-style-type: none">◦ Preferences◦ Recipes<ul style="list-style-type: none">▪ Recipe Format▪ Input Variables▪ Important Variable Names▪ Recipe Search Order▪ Recipe Naming Conventions▪ Recipe Overrides▪ Recipe-writing Guidelines▪ Using CodeSignatureVerification▪ Defining Custom Variables▪ Finding Recipes▪ Sharing Recipes▪ Parent Recipe Trust Information▪ Running Multiple Recipes◦ Processors<ul style="list-style-type: none">▪ Processor Locations▪ Pre- and postprocessors▪ Processor Summary Reporting	



The screenshot shows the 'The MUT v5.0.0' application window. It features a table with columns for 'Computers', 'Attribute', and 'Value'. The table lists various attributes for several computer serial numbers, many of which are marked as '(unchanged)'. A message at the bottom right of the app window says 'MUT Updated!'. Below the app window, there's a note: 'Review the changes shown above. If everything looks good, hit submit.' with a 'Submit Updates' button.

MUT V5 NOW LIVE

Now available on the Mac App Store! [Download on the App Store](#)

The unofficial all-in-one mass update tool designed to be the perfect companion to the Jamf Admin.

[DOWNLOAD .DMG INSTALLER](#)

Usage documentation now available at our Github:
[View README.md](#)

POWERED BY **weebly** that MUT is designed, built, and maintained outside of Jamf. It is not affiliated

[https://github.com/mike-levenick/mut/releases/download/
v5.2.0/TheMUT_5_2_0.dmg](https://github.com/mike-levenick/mut/releases/download/v5.2.0/TheMUT_5_2_0.dmg)



Dynamic URLs

[https://github.com/mike-levenick/mut/releases/download/
v5.2.0/TheMUT_5_2_0.dmg](https://github.com/mike-levenick/mut/releases/download/v5.2.0/TheMUT_5_2_0.dmg)

<https://github.com/mike-levnick/mut/releases/>

The screenshot shows a GitHub repository page for [mike-levenick/mut](#). The page includes a header with navigation links like Pull requests, Issues, Marketplace, and Explore. Below the header, there are buttons for Watch (15), Star (61), Fork (3), and a dropdown menu. The main content area displays two releases:

- Latest release:** MUT v5.4.1 - AppleCare ID (released 24 days ago).
 - Description: Added the ability to update AppleCare ID for both macOS and mobile devices using MUT.
 - Assets:
 - TheMUT_5_4_1.dmg (16.1 MB)
 - Source code (zip)
 - Source code (tar.gz)
- MUT v5.3.2 - HIG and EA updates (released on 1 Dec 2020):**
 - Description: Fixed an issue that could sometimes cause EAs to have their data removed. Several updates to comply with Apple's Human Interface Guidelines including:
 - Logs are now stored in Application Support
 - Access logs through Settings > Open Log
 - When downloading the Templates, you will be presented with a Save dialogue to save a .zip
 - Assets: 3

<https://github.com/mike-levnick/mut/releases/>

mike-levenick/mut

```
<dict>
    <key>Processor</key>
    <string>GitHubReleasesInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>github_repo</key>
        <string>mike-levenick/mut</string>
        <key>include_prereleases</key>
        <string>%PRERELEASE%</string>
    </dict>
</dict>
```

```
<dict>
    <key>Processor</key>
    <string>GitHubReleasesInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>github_repo</key>
        <string>mike-levenick/mut</string>
        <key>include_prereleases</key>
        <string>%PRERELEASE%</string>
    </dict>
</dict>
```

The screenshot shows the KeeWeb password manager interface. At the top, there's a navigation bar with icons for window control, a shield, a lock, and a refresh symbol. The URL bar displays "keeweb.info". On the right side, there's a red diagonal banner with white text that says "Fork me on GitHub". Below the banner, the KeeWeb logo (a blue key icon) and the text "KeeWeb" are displayed. A subtitle below the logo reads "Free cross-platform password manager compatible with KeePass". Two prominent blue buttons are present: "Download KeeWeb" (for macOS) and "Online Web App" (with a "try it now" link). Below these buttons, a note indicates compatibility with "all platforms". The main content area features a dark-themed sidebar on the left containing a tree view of items categorized under "All Items", such as Colors, Computer, Internet, Money, Server, Work, Demo, Computer, Home, and Trash. The central pane shows a list of items, with one item highlighted: "MasterCard Gold" (John Smith). The details for this item are shown on the right, including fields for User (John Smith), Password (redacted), Website (master-card.com), Notes, Tags (Money), Expires, CVV (redacted), Issue Date (2015-03-05), Number (4280 3351 5409 8942), Valid Thru (2018-03-05), and a "more..." button. The bottom of the interface has a footer with buttons for "Demo", "Open / New", and various settings.

KeeWeb

Free cross-platform password manager compatible with KeePass

Download KeeWeb
for macOS

Online Web App
try it now

all platforms

MasterCard Gold

	User	John Smith
Password	
Website	master-card.com	
Notes		
Tags	Money	
Expires		
CVV	...	
Issue Date	2015-03-05	
Number	4280 3351 5409 8942	
Valid Thru	2018-03-05	
more...		
File	Demo	
Group	Finance	
Created	Sep 6, 2015, 6:04:42 PM	

github.com

Search or jump to... Pull requests Issues Marketplace Explore

keeweb / keeweb

Sponsor Watch 234 Star 10k Fork 863

Code Issues 226 Pull requests Actions Wiki Security Insights

master 5 branches 120 tags Go to file Add file Code

 antelle fixed docker image tagging bd9a98d 24 days ago 3,519 commits

.github fixed docker image tagging 24 days ago

app fix #1786: refresh_token in Google Drive 24 days ago

build removed debugging code from build last month

desktop bump version 24 days ago

graphics fix #689: custom title bar on Windows 2 months ago

helper rebuilt KeeWebHelper as a universal app 5 months ago

img updated screenshot 5 months ago

package fixed wait-pid 24 days ago

plugins update.json 4 months ago

test disabled desktop update archives 4 months ago

util fixed bump version 2 months ago

.babelrc using optional chaining 12 months ago

.editorconfig trying out codeql-analysis 11 months ago

.eslintrc up deps 6 months ago

.gitignore publish release action 13 months ago

.prettierrc Fix build config to support Windows path separators and newlines 16 months ago

CONTRIBUTING.md contributing 13 months ago

DEPS-LICENSE Rename LICENSES-DEPENDENCIES to DEPS-LICENSE 4 years ago

Gruntfile.js patching electron 3 months ago

About

Free cross-platform password manager compatible with KeePass

[keeweb.info](#)

electron javascript security
password-manager keeweb
password keepass

Readme View license

Releases 120

 Desktop apps v1.17.6 Latest 24 days ago

+ 119 releases

Sponsor this project

 keeweb KeeWeb 

 antelle Dimitri Witkowski 

 opencollective.com/keeweb

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Packages

No packages published

github.com

Search or jump to... Pull requests Issues Marketplace Explore

keeweb / keeweb

Sponsor Watch 234 Star 10k Fork 863

Code Issues 226 Pull requests Actions Wiki Security Insights

master 5 branches 120 tags Go to file Add file Code

 antelle fixed docker image tagging bd9a98d 24 days ago 3,519 commits

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package fixed wait-pid 24 days ago

plugins update.json 4 months ago

test disabled desktop update archives 4 months ago

util fixed bump version 2 months ago

.babelrc using optional chaining 12 months ago

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.eslintrc up deps 6 months ago

.gitignore publish release action 13 months ago

.prettierrc Fix build config to support Windows path separators and newlines 16 months ago

CONTRIBUTING.md contributing 13 months ago

DEPS-LICENSE Rename LICENSES-DEPENDENCIES to DEPS-LICENSE 4 years ago

Gruntfile.js patching electron 3 months ago

About

Free cross-platform password manager compatible with KeePass

[keeweb.info](#)

electron javascript security
password-manager keeweb
password keepass

Readme

[View license](#)

Releases 120

 Desktop apps v1.17.6 Latest 24 days ago
+ 119 releases

Sponsor this project

 keeweb KeeWeb 
 antelle Dimitri Witkowski 
 opencollective.com/keeweb

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Packages

No packages published

The screenshot shows a GitHub release page for the project "keeweb / keeweb". The main heading is "Desktop apps v1.17.6". Below it, a note says "github-actions released this 24 days ago". A list of changes includes: "+ team drives support in Google Drive", "- fix #1786: saving refresh_token in Google Drive", and "- fix #1767: updater issues on macOS". A message at the bottom encourages donations to OpenCollective or GitHub.

Latest release

v1.17.6 · 8feef7d · Verified

Compare ▾

Desktop apps v1.17.6

github-actions released this 24 days ago

- + team drives support in Google Drive
- fix #1786: saving refresh_token in Google Drive
- fix #1767: updater issues on macOS

Want to keep releases happening? Donate to KeeWeb on [OpenCollective](#) or [GitHub](#). Thank you!

Assets 18

KeeWeb-1.17.6.html.zip	6.8 MB
KeeWeb-1.17.6.linux.AppImage	77.8 MB
KeeWeb-1.17.6.linux.snap	91.3 MB
KeeWeb-1.17.6.linux.x64.deb	76.3 MB
KeeWeb-1.17.6.linux.x64.zip	76.3 MB
KeeWeb-1.17.6.linux.x86_64.rpm	54.4 MB
KeeWeb-1.17.6.mac.arm64.dmg	81.7 MB
KeeWeb-1.17.6.mac.x64.dmg	80.5 MB
KeeWeb-1.17.6.win.arm64.exe	56.7 MB
KeeWeb-1.17.6.win.arm64.zip	81.3 MB
KeeWeb-1.17.6.win.ia32.exe	57.4 MB
KeeWeb-1.17.6.win.ia32.zip	75.4 MB
KeeWeb-1.17.6.win.x64.exe	59.9 MB

The screenshot shows a GitHub release page for the KeeWeb application. The title of the release is "Desktop apps v1.17.6". The release was made by "github-actions" 24 days ago. The notes mention team drives support in Google Drive, fixes for saving refresh_token in Google Drive, and updater issues on macOS.

Want to keep releases happening? Donate to KeeWeb on [OpenCollective](#) or [GitHub](#). Thank you!

Assets 18

Asset	Size
KeeWeb-1.17.6.html.zip	6.8 MB
KeeWeb-1.17.6.linux.AppImage	77.8 MB
KeeWeb-1.17.6.linux.snap	91.3 MB
KeeWeb-1.17.6.linux.x64.deb	76.3 MB
KeeWeb-1.17.6.linux.x64.zip	76.3 MB
KeeWeb-1.17.6.linux.x86_64.rpm	54.4 MB
KeeWeb-1.17.6.mac.arm64.dmg	81.7 MB
KeeWeb-1.17.6.mac.x64.dmg	80.5 MB
KeeWeb-1.17.6.win.arm64.exe	56.7 MB
KeeWeb-1.17.6.win.arm64.zip	81.3 MB
KeeWeb-1.17.6.win.ia32.exe	57.4 MB
KeeWeb-1.17.6.win.ia32.zip	75.4 MB
KeeWeb-1.17.6.win.x64.exe	59.9 MB
KeeWeb-1.17.6.win.x64.zip	79.6 MB
Verify.sha256	1.27 KB
Verify.sign.sha256	7.4 KB
Source code (zip)	
Source code (tar.gz)	

The screenshot shows the homepage of regex101.com. The main area is titled "regular expressions 101". On the left, there's a sidebar with "SAVE & SHARE" options (Save Regex, %s), "FLAVOR" dropdowns (PCRE2 (PHP >=7.3) selected, others: PCRE, ECMAScript, Python 2.7, Golang, Java 8), "FUNCTION" dropdowns (Match selected, others: Substitution, List, Unit Tests), and "TOOLS" (Code Generator, Regex Debugger). A "SPONSOR" section for MOOVWEB is at the bottom. The central area has tabs for "REGULAR EXPRESSION" (no match) and "EXPLANATION" (An explanation of your regex will be automatically generated as you type). Below these are sections for "TEST STRING" (insert your test string here) and "MATCH INFORMATION" (Detailed match information will be displayed here automatically). At the bottom right is a "QUICK REFERENCE" sidebar with a search bar and a list of regex concepts: All Tokens, Common Tokens (selected), General Tokens, Anchors, Meta Sequences, Quantifiers, Group Constructs, and Character Classes.

regular expressions 101

regex101.com

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SAVE & SHARE

Save Regex %s

FLAVOR

</> PCRE2 (PHP >=7.3)

</> PCRE (PHP <7.3)

</> ECMAScript (JavaScript)

</> Python 2.7

</> Golang

</> Java 8

FUNCTION

>_ Match

% Substitution

>List

Unit Tests

TOOLS

Code Generator

Regex Debugger

SPONSOR

Innovate on a platform, designed for responsible machine learning

MOOVWEB

Jamstack at Scale

REGULAR EXPRESSION

/ insert your regular expression here / gm

no match

TEST STRING

insert your test string here

EXPLANATION

An explanation of your regex will be automatically generated as you type.

MATCH INFORMATION

Detailed match information will be displayed here automatically.

QUICK REFERENCE

Search reference

- All Tokens
- Common Tokens (selected)
- General Tokens
- Anchors
- Meta Sequences
- Quantifiers
- Group Constructs
- Character Classes

A single char... [abc]

A character e... [^abc]

A character in ... [a-z]

A character ... [^a-z]

A character... [a-zA-Z]

Any single character .

Alternate - matc... a|b

Any whitespace c... \s

Any non-whitespa... \S

The screenshot shows the regex101.com website interface. The main area is divided into several sections:

- REGULAR EXPRESSION:** A text input field containing the placeholder "insert your regular expression here". To its right are buttons for "no match", "gm", and a copy icon.
- TEST STRING:** A text input field with the placeholder "insert your test string here".
- EXPLANATION:** A section stating "An explanation of your regex will be automatically generated as you type."
- MATCH INFORMATION:** A section stating "Detailed match information will be displayed here automatically."
- QUICK REFERENCE:** A sidebar with a search bar and a list of regex concepts:
 - Search reference
 - All Tokens
 - Common Tokens** (selected)
 - General Tokens
 - Anchors
 - Meta Sequences
 - Quantifiers
 - Group Constructs
 - Character Classes

Next to the list are examples of regex patterns and their descriptions:

 - A single char... [abc]
 - A character e... [^abc]
 - A character in ... [a-z]
 - A character ... [^a-z]
 - A character... [a-zA-Z]
 - Any single character .
 - Alternate - matc... a|b
 - Any whitespace c... \s
 - Any non-whitespa... \S

SAVE & SHARE: Buttons for saving the regex to various platforms like GitHub, Google Sheets, and others.

FLAVOR: A dropdown menu set to "Python 2.7" which also includes options for PCRE2 (PHP >=7.3), PCRE (PHP <7.3), ECMAScript (JavaScript), Golang, and Java 8.

FUNCTION: A dropdown menu set to "Match" which also includes options for Substitution, List, and Unit Tests.

TOOLS: A link to the Code Generator.

SPONSOR: A section for sponsors:

- Innovate on a platform, designed for responsible machine learning
- MOOVWEB Jamstack at Scale

regular expressions 101

regex101.com

SAVE & SHARE

Save Regex ⌘+s

FLAVOR

PCRE2 (PHP >=7.3)
PCRE (PHP <7.3)
ECMAScript (JavaScript)
Python 2.7
Golang
Java 8

FUNCTION

Match ✓
Substitution
List
Unit Tests

TOOLS

Code Generator

SPONSOR

Meet any challenge with Azure – your partner in the cloud.

MOOVWEB

Jamstack at Scale

REGULAR EXPRESSION

1 match, 229 steps (~2ms)

": r\" KeeWeb-1.17.6.mac.x64.dmg" " gm

TEST STRING

KeeWeb-1.17.6.linux.AppImage
77.8 MB
KeeWeb-1.17.6.linux.snap
91.3 MB
KeeWeb-1.17.6.linux.x64.deb
76.3 MB
KeeWeb-1.17.6.linux.x64.zip
76.3 MB
KeeWeb-1.17.6.linux.x86_64.rpm
54.4 MB
KeeWeb-1.17.6.mac.arm64.dmg
81.7 MB
KeeWeb-1.17.6.mac.x64.dmg
80.5 MB
KeeWeb-1.17.6.win.arm64.exe
56.7 MB
KeeWeb-1.17.6.win.arm64.zip
81.3 MB
KeeWeb-1.17.6.win.ia32.exe
57.4 MB
KeeWeb-1.17.6.win.ia32.zip
75.4 MB
KeeWeb-1.17.6.win.x64.exe
59.9 MB
KeeWeb-1.17.6.win.x64.zip
79.6 MB
Verify.sha256
1.27 KB
Verify.sign.sha256
7.4 KB
Source code
(zip)
Source code
(tar.gz)

EXPLANATION

" KeeWeb-1.17.6.mac.x64.dmg " gm

KeeWeb-1 matches the characters KeeWeb-1 literally (case sensitive)

. matches any character (except for line terminators)

17 matches the characters 17 literally (case sensitive)

. matches any character (except for line terminators)

6 matches the character 6 literally (case sensitive)

. matches any character (except for line terminators)

mac matches the characters mac literally (case sensitive)

MATCH INFORMATION

Match 1 247-272 KeeWeb-1.17.6.mac.x64.dmg

QUICK REFERENCE

Search reference

- All Tokens
- Common Tokens**
- General Tokens
- Anchors
- Meta Sequences
- Quantifiers
- Group Constructs
- Character Classes

A single char... [abc]
A character e... [^abc]
A character in ... [a-z]
A character ... [^a-z]
A character... [a-zA-Z]
Any single character .
Alternate - matc... a|b
Any whitespace c... \s
Any non-whitespa... \S

EXPLANATION

▼ " KeeWeb-.mac\.x64\.dmg " gm

KeeWeb- matches the characters KeeWeb- literally (case sensitive)

▼ . matches any character (except for line terminators)



* matches the previous token between zero and unlimited times, as many times as possible, giving back as needed (greedy)

mac matches the characters mac literally (case sensitive)

\. matches the character . literally (case sensitive)

x64 matches the characters x64 literally (case sensitive)

\. matches the character . literally (case sensitive)

dmg matches the characters dmg literally (case sensitive)

▼ **Global pattern flags**

g modifier: global. All matches (don't return after first match)

m modifier: multi line. Causes ^ and \$ to match the begin/end of each line (not only begin/end of string)

```
<dict>
    <key>Processor</key>
    <string>GitHubReleasesInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>asset_regex</key>
        <string>.*\.mac\.\x64\.dmg</string>
        <key>github_repo</key>
        <string>keeweb/keeweb</string>
        <key>include_prereleases</key>
        <string>%PRERELEASE%</string>
    </dict>
</dict>
```

```
<dict>
    <key>Processor</key>
    <string>GitHubReleasesInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>asset_regex</key>
        <string>.*\.mac\.\x64\.dmg</string>
        <key>github_repo</key>
        <string>keeweb/keeweb</string>
        <key>include_prereleases</key>
        <string>%PRERELEASE%</string>
    </dict>
</dict>
```

```
<dict>
    <key>Processor</key>
    <string>GitHubReleasesInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>asset_regex</key>
        <string>.*\.mac\.\x64\.dmg</string>
        <key>github_repo</key>
        <string>keeweb/keeweb</string>
        <key>include_prereleases</key>
        <string>%PRERELEASE%</string>
    </dict>
</dict>
```

support.ringcentral.com

RingCentral Support

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RingCentral Downloads

Work together. From anywhere.

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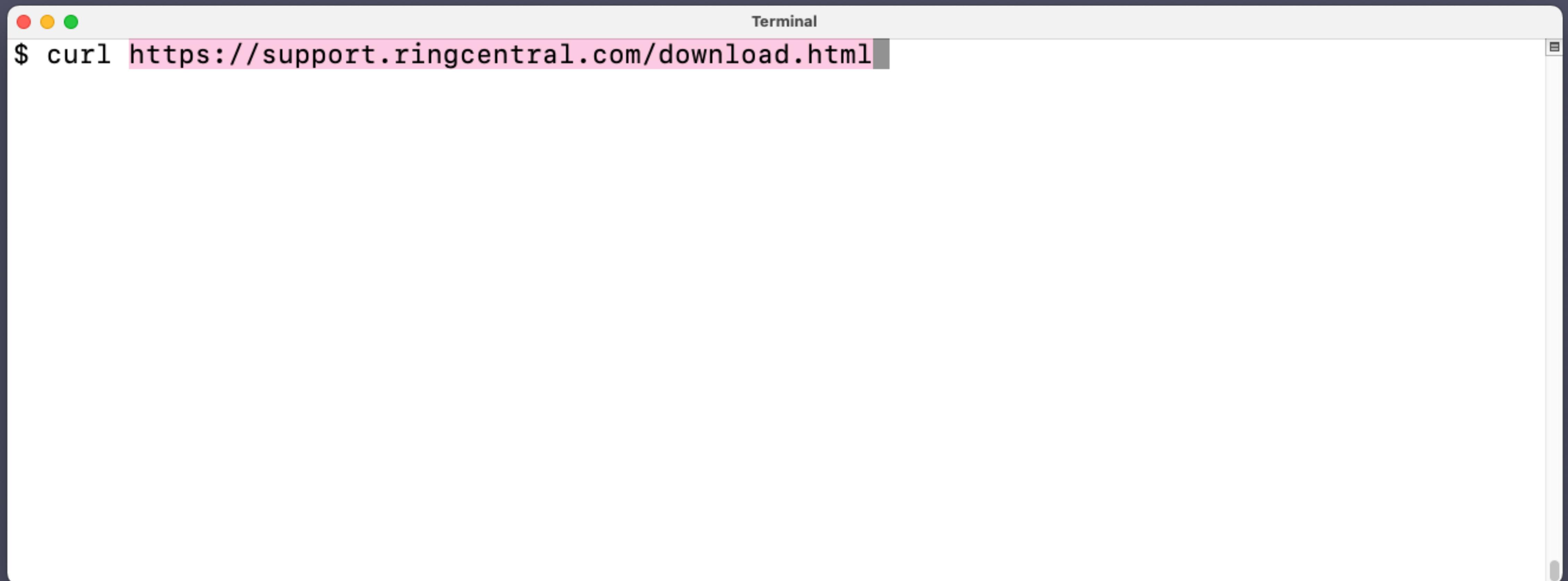
Feedback

	Version	Updated	Windows	Mac	Linux	Android	iOS	Web
RingCentral App Desktop, Mobile & Web <small>①</small>	21.2.10 (Windows & Intel-based Mac) 21.1.31 (Apple M1 Chip)	4/14/21	64-bit (EXE) 64-bit for IT (MSI - Non Auto Update)	Intel-based Mac M1 Based Mac	-	Download	Download	Open
RingCentral Classic App Desktop & Web <small>①</small> <i>Retiring soon</i>	20.4.30	12/10/20	64-bit 32-bit 64-bit for IT (MSI) 32-bit for IT (MSI)	Download	-	-	-	Open
<i>Tools to transition to RingCentral Video</i>								
RingCentral Scheduler	21.1.30	3/24/21	Enable	Enable	-	-	-	-
RingCentral Calendar Migration Tool	21.1.30 21.1.53	Win 3/23/21 Mac 3/27/21	Download	Download	-	-	-	-
RingCentral Rooms Powered by RingCentral	21.1.20	2/22/21	-	Download	-	Download	-	-

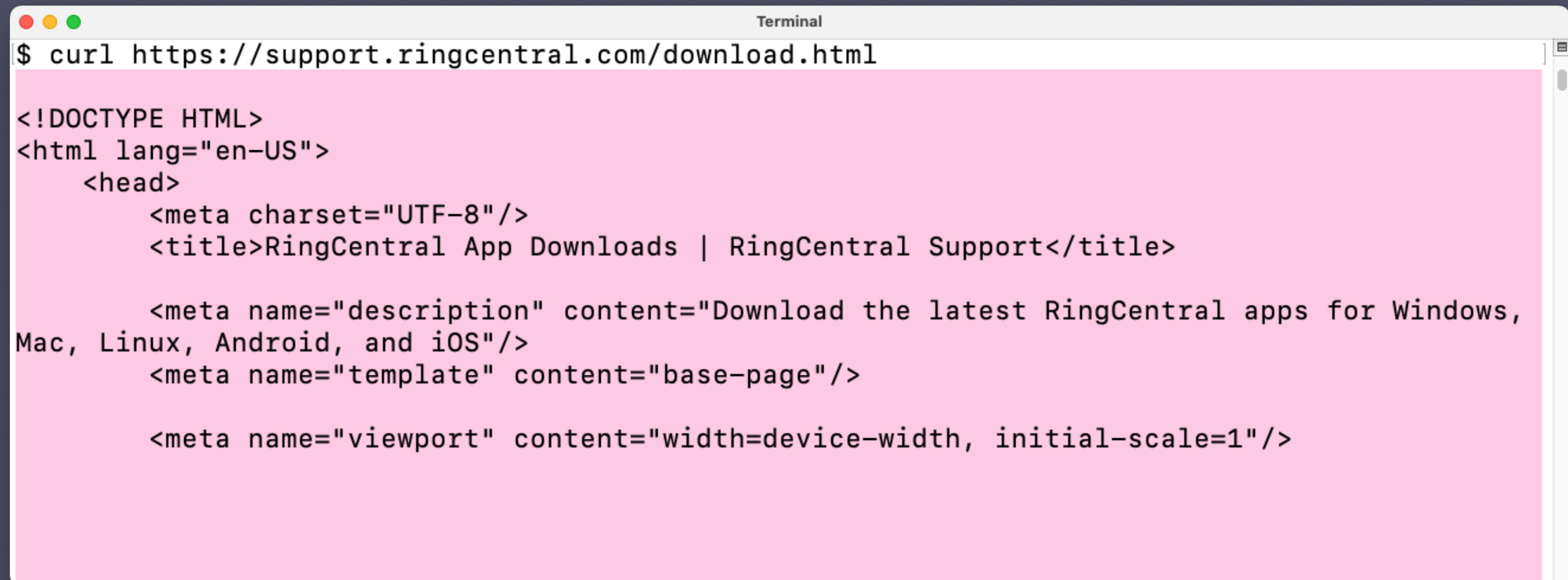
We've re-built the RingCentral desktop app with faster load time, enhanced searches, and many more improvements!
The previous app, now RingCentral Classic, is still available for download. Not sure which RingCentral app you are using? Click [here](#) to learn more.



[https://downloads.ringcentral.com/glip/rc/20.4.30/mac/
RingCentral%20Classic-20.4.30.dmg](https://downloads.ringcentral.com/glip/rc/20.4.30/mac/RingCentral%20Classic-20.4.30.dmg)



```
Terminal
$ curl https://support.ringcentral.com/download.html
```



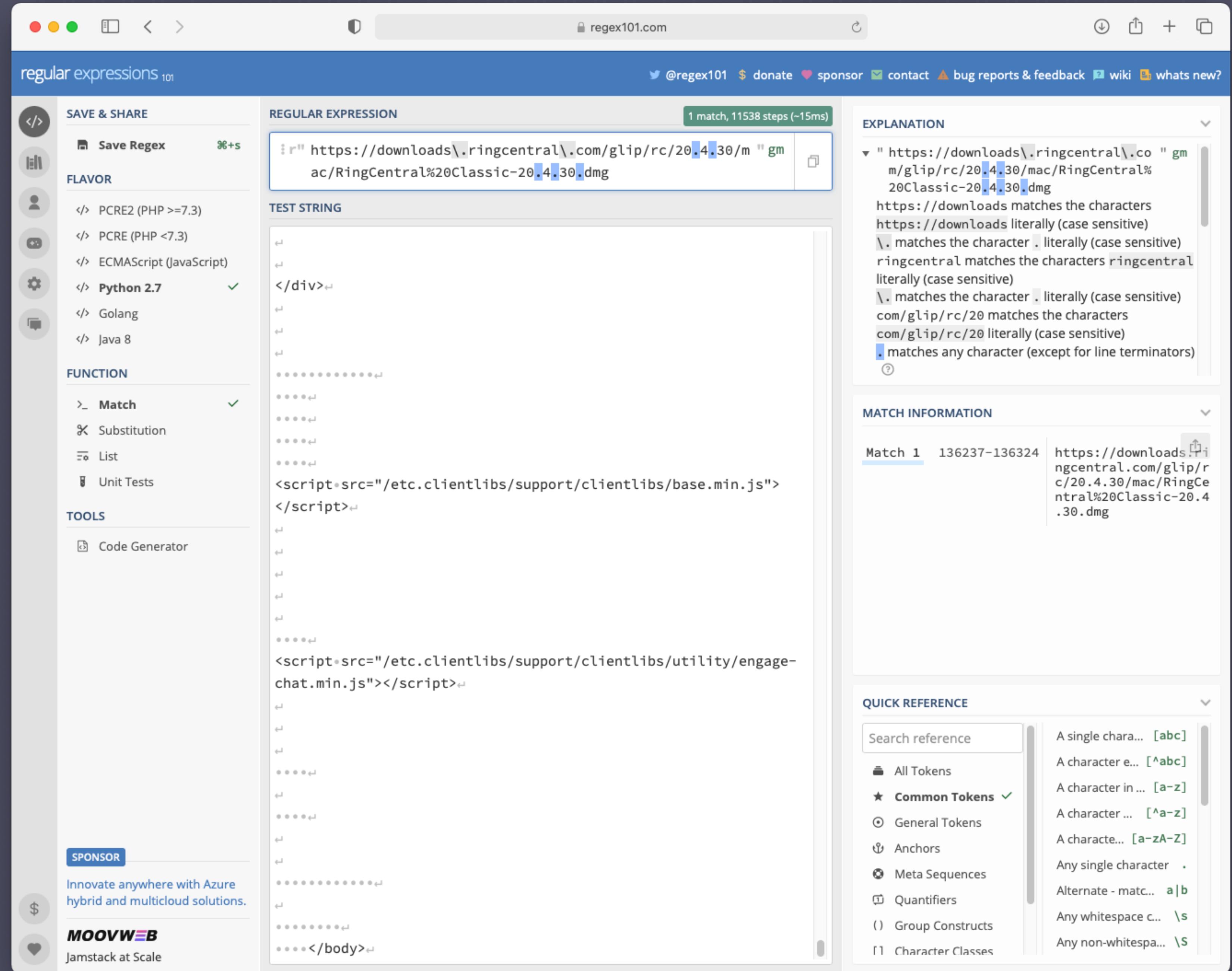
A screenshot of a Mac OS X Terminal window titled "Terminal". The window contains the command "\$ curl https://support.ringcentral.com/download.html" followed by the HTML source code of the RingCentral App Downloads page. The HTML includes meta tags for charset, title, description, template, and viewport, as well as head and body sections.

```
$ curl https://support.ringcentral.com/download.html

<!DOCTYPE HTML>
<html lang="en-US">
  <head>
    <meta charset="UTF-8"/>
    <title>RingCentral App Downloads | RingCentral Support</title>

    <meta name="description" content="Download the latest RingCentral apps for Windows,
Mac, Linux, Android, and iOS"/>
    <meta name="template" content="base-page"/>

    <meta name="viewport" content="width=device-width, initial-scale=1"/>
```



regular expressions 101

regex101.com

SAVE & SHARE

Save Regex `%s`

FLAVOR

PCRE2 (PHP >=7.3)

PCRE (PHP <7.3)

ECMAScript (JavaScript)

Python 2.7

Golang

Java 8

FUNCTION

Match

Substitution

List

Unit Tests

TOOLS

Code Generator

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MOOVWEB

Jamstack at Scale

REGULAR EXPRESSION

`^ https://downloads\.ringcentral\.com/glip/rc/.*mac/RingCentral%20Classic-.*\.dmg` 1 match, 12885 steps (~16ms)

TEST STRING

```
</div>
<script src="/etc.clientlibs/support/clientlibs/base.min.js">
</script>
<script src="/etc.clientlibs/support/clientlibs/utility/engage-chat.min.js"></script>
</body>
```

EXPLANATION

^ https://downloads\.ringcentral\.co " gm
m/glip/rc/.mac/RingCentral%20Clas
sic-.\.dmg
https://downloads matches the characters
https://downloads literally (case sensitive)
\. matches the character . literally (case sensitive)
ringcentral matches the characters ringcentral
literally (case sensitive)
\. matches the character . literally (case sensitive)
com/glip/rc/ matches the characters
com/glip/rc/ literally (case sensitive)
\[] matches any character (except for line terminato
rs) ⓘ

MATCH INFORMATION

Match 1 136237-136324 <https://downloads.ringcentral.com/glip/ringcentral%20Classic-20.4.30.dmg>

QUICK REFERENCE

Search reference

- All Tokens
- Common Tokens
- General Tokens
- Anchors
- Meta Sequences
- Quantifiers
- Group Constructs
- Character Classes

```
<dict>
  <key>Processor</key>
  <string>URLTextSearcher</string>
  <key>Arguments</key>
  <dict>
    <key>url</key>
    <string>https://support.ringcentral.com/download.html</string>
    <key>re_pattern</key>
    <string>https://downloads\ .ringcentral\ .com/glip/rc/.*/mac/
RingCentral%20Classic-.*\.dmg</string>
  </dict>
</dict>
```

```
<dict>
    <key>Processor</key>
    <string>URLTextSearcher</string>
    <key>Arguments</key>
    <dict>
        <key>url</key>
        <string>https://support.ringcentral.com/download.html</string>
        <key>re_pattern</key>
        <string>https://downloads\ .ringcentral\ .com/glip/rc/.*/mac/
RingCentral%20Classic-.*\.dmg</string>
    </dict>
</dict>
```

```
<dict>
    <key>Processor</key>
    <string>URLTextSearcher</string>
    <key>Arguments</key>
    <dict>
        <key>url</key>
        <string>https://support.ringcentral.com/download.html</string>
        <key>re_pattern</key>
        <string>https://downloads\ .ringcentral\ .com/glip/rc/.*/mac/
RingCentral%20Classic-.*\.dmg</string>
    </dict>
</dict>
```

Lifesize Downloads
Anytime, anywhere video conferencing for your personal devices.

Lifesize Desktop App
Start or join a meeting right from your PC or Mac. With industry-leading video and audio quality, max-resolution screen sharing, click-to-call directory, calendar integration, secure encryption, and much more, the Lifesize desktop app is perfect for home, the office, and everywhere in between.



Lifesize Mobile App
Stay connected on the go. Designed for the unique needs of mobile video conferencing, the Lifesize mobile app for Android and iOS makes it easy to meet face to face from wherever you are.

Join from Your Browser
Download-free video conferencing on demand.

Connect right from your browser with the Lifesize web app for Google Chrome and Microsoft Edge. It's the same user experience as the desktop app—without the download.

Joining as a guest? Use the Lifesize meeting link with Google Chrome or Microsoft Edge to join right from your browser. No account or download required.

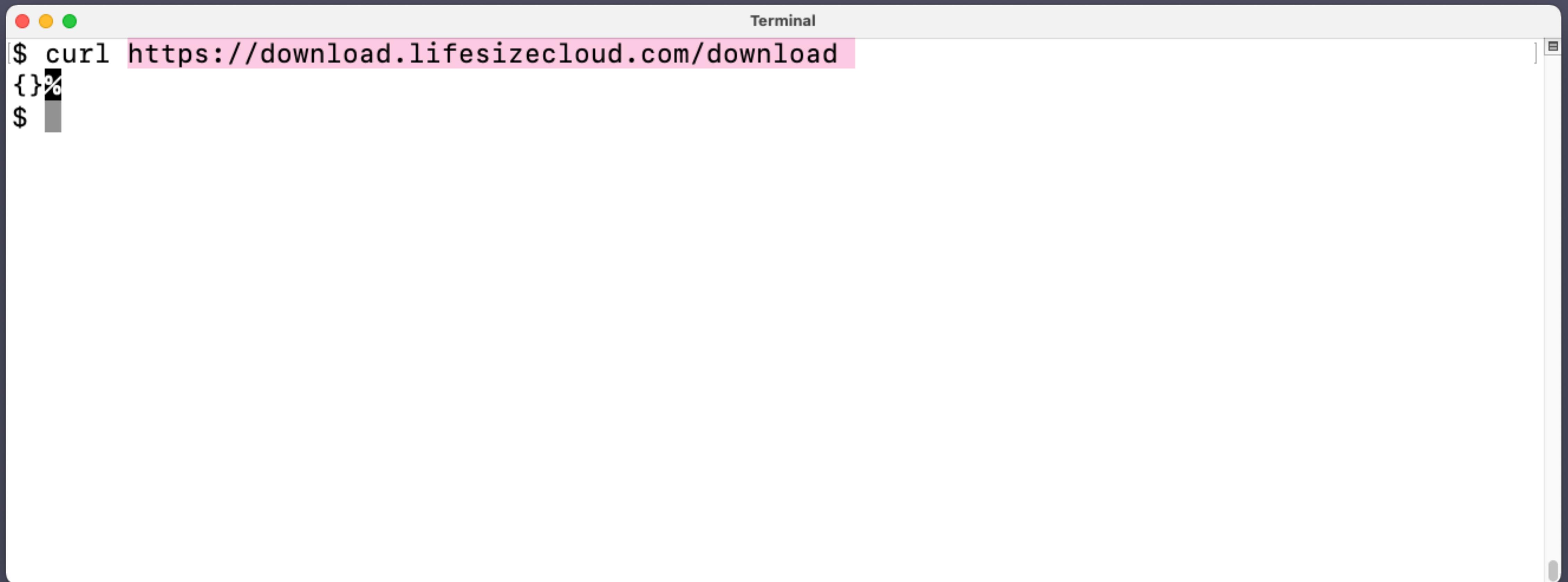
Using Apple Safari, Microsoft Internet Explorer 11 or Mozilla Firefox? If you have the Lifesize desktop app installed, it will launch automatically. If not, you'll be prompted to download and install it. If you don't want to or are unable to download, join using a different browser.

Lifesize Integrations
Connect with other collaboration tools in your daily workflow.

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<https://download.lifesizecloud.com/download>



```
$ curl https://download.lifesizecloud.com/download
```



The image shows a Mac OS X Terminal window with a white background and a dark grey header bar. The title bar reads "Terminal". The window contains the following text:

```
$ /usr/bin/curl https://download.lifesizecloud.com/download -A "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_6) AppleWebKit/603.3.8 (KHTML, like Gecko) Version/10.1.2 Safari/603.3.8"
Found. Redirecting to https://download.lifesizecloud.com/Lifesize-2.216.2872.dmg%
```

The URL "https://download.lifesizecloud.com/download" is highlighted in pink.

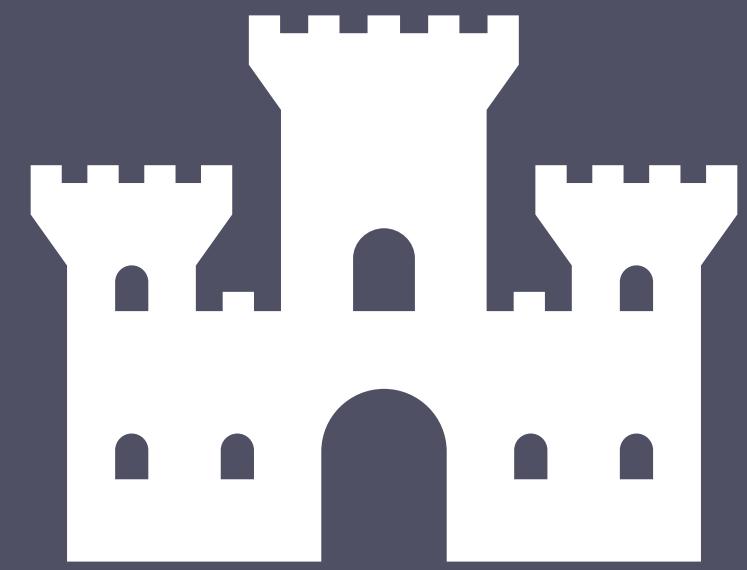
```
<key>Processor</key>
<string>URLDownloader</string>
<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://download.lifesizecloud.com/download</string>
    <key>result_output_var_name</key>
    <string>url</string>
    <key>request_headers</key>
    <dict>
        <key>user-agent</key>
        <string>Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_6)
AppleWebKit/603.3.8 (KHTML, like Gecko) Version/10.1.2 Safari/
603.3.8</string>
    </dict>
    <key>filename</key>
    <string>%NAME%.dmg</string>
</dict>
```

```
<key>Processor</key>
<string>URLDownloader</string>
<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://download.lifesizecloud.com/download</string>
    <key>result_output_var_name</key>
    <string>url</string>
    <key>request_headers</key>
    <dict>
        <key>user-agent</key>
        <string>Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_6)
AppleWebKit/603.3.8 (KHTML, like Gecko) Version/10.1.2 Safari/
603.3.8</string>
    </dict>
    <key>filename</key>
    <string>%NAME%.dmg</string>
</dict>
```

```
<key>Processor</key>
<string>URLDownloader</string>
<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://download.lifesizecloud.com/download</string>
    <key>result_output_var_name</key>
    <string>url</string>
    <key>request_headers</key>
    <dict>
        <key>user-agent</key>
        <string>Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_6)
AppleWebKit/603.3.8 (KHTML, like Gecko) Version/10.1.2 Safari/
603.3.8</string>
    </dict>
    <key>filename</key>
    <string>%NAME%.dmg</string>
</dict>
```



Updater URLs



Updater URLs

charlesproxy.com



Charles

WEB DEBUGGING PROXY

v 4.6.1

Loading Preferences

Charles Root Certificate Help

Install Charles Root Certificate

Install Charles Root Certificate in iOS Simulators

Install Charles Root Certificate in Java VMs

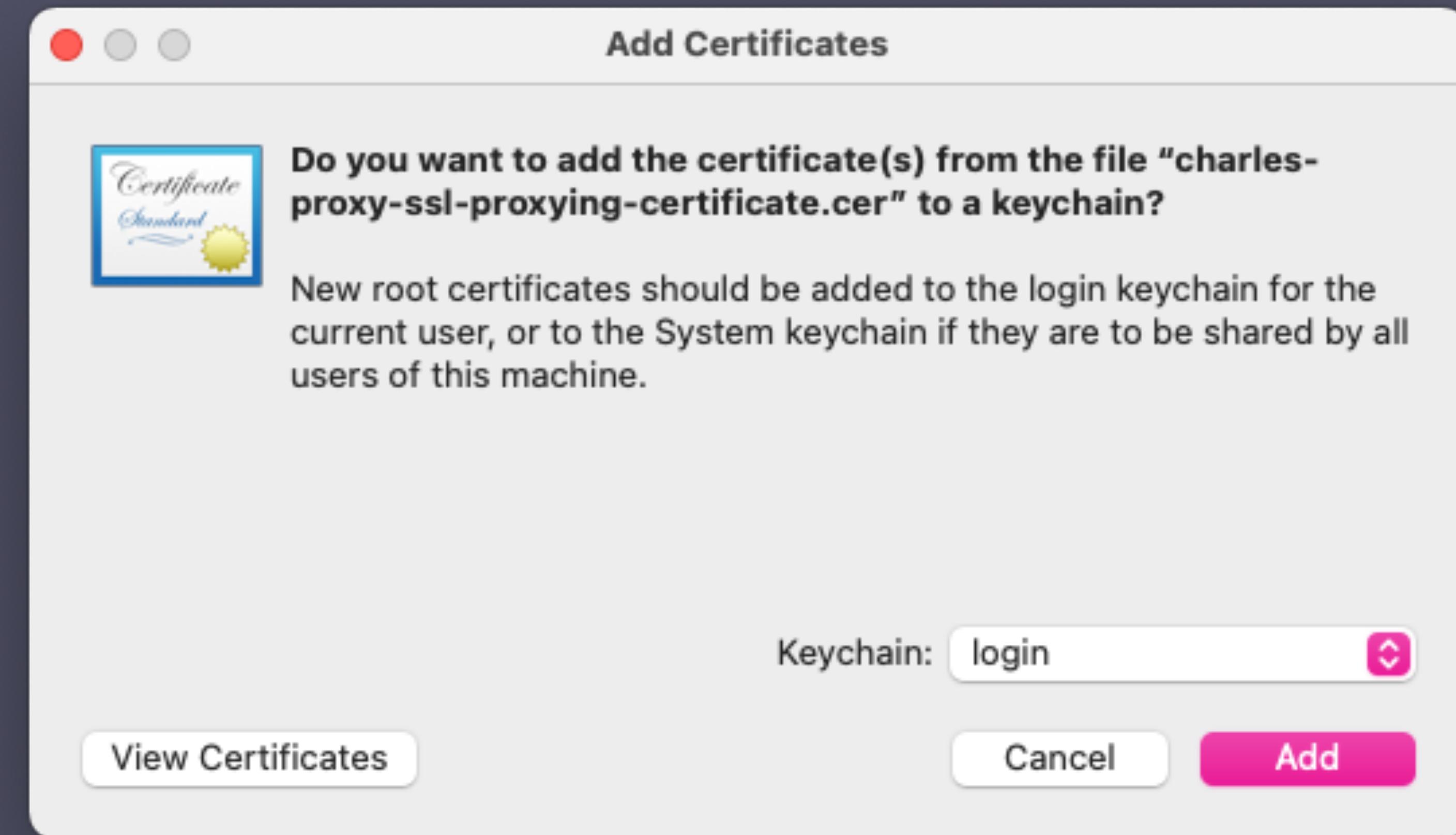
Install Charles Root Certificate on a Mobile Device or Remote Browser

Save Charles Root Certificate...

Export Charles Root Certificate and Private Key...

View Generated SSL Certificates Keystore Password

Reset Charles Root Certificate...



Charles Proxy CA



Charles Proxy CA
Root certificate authority
Expires: Monday, 2 May 2022 at 21:30:08 British Summer Time
✖ This root certificate is not trusted

> Trust

▼ Details

Subject Name

Common Name Charles Proxy CA

Organisational Unit <https://charlesproxy.com/ssl>

Organisation XK72 Ltd

Locality Auckland

County Auckland

Country or Region NZ

Issuer Name

Common Name Charles Proxy CA

Organisational Unit <https://charlesproxy.com/ssl>

Organisation XK72 Ltd

Locality Auckland

County Auckland

Country or Region NZ

Serial Number 1620073808888

Charles Proxy CA



Charles Proxy CA
Root certificate authority
Expires: Monday, 2 May 2022 at 21:30:08 British Summer Time
✖ This root certificate is not trusted

▼ Trust

When using this certificate: Always Trust ?

Secure Sockets Layer (SSL) Always Trust

Secure Mail (S/MIME) Always Trust

Extensible Authentication (EAP) Always Trust

IP Security (IPsec) Always Trust

Code Signing Always Trust

Time Stamping Always Trust

X.509 Basic Policy Always Trust

▼ Details

Subject Name

Common Name Charles Proxy CA

Organisational Unit <https://charlesproxy.com/ssl>

Organisation XK72 Ltd

Locality Auckland

Country Auckland



You are making changes to your Certificate Trust Settings.

Enter your password to allow this.

Username: Ben Toms

Password: [REDACTED]

Cancel

Update Settings

Charles Proxy CA



Charles Proxy CA
Root certificate authority
Expires: Monday, 2 May 2022 at 21:30:08 British Summer Time
+ This certificate is marked as trusted for this account

> Trust

▼ Details

Subject Name

Common Name Charles Proxy CA

Organisational Unit <https://charlesproxy.com/ssl>

Organisation XK72 Ltd

Locality Auckland

County Auckland

Country or Region NZ

Issuer Name

Common Name Charles Proxy CA

Organisational Unit <https://charlesproxy.com/ssl>

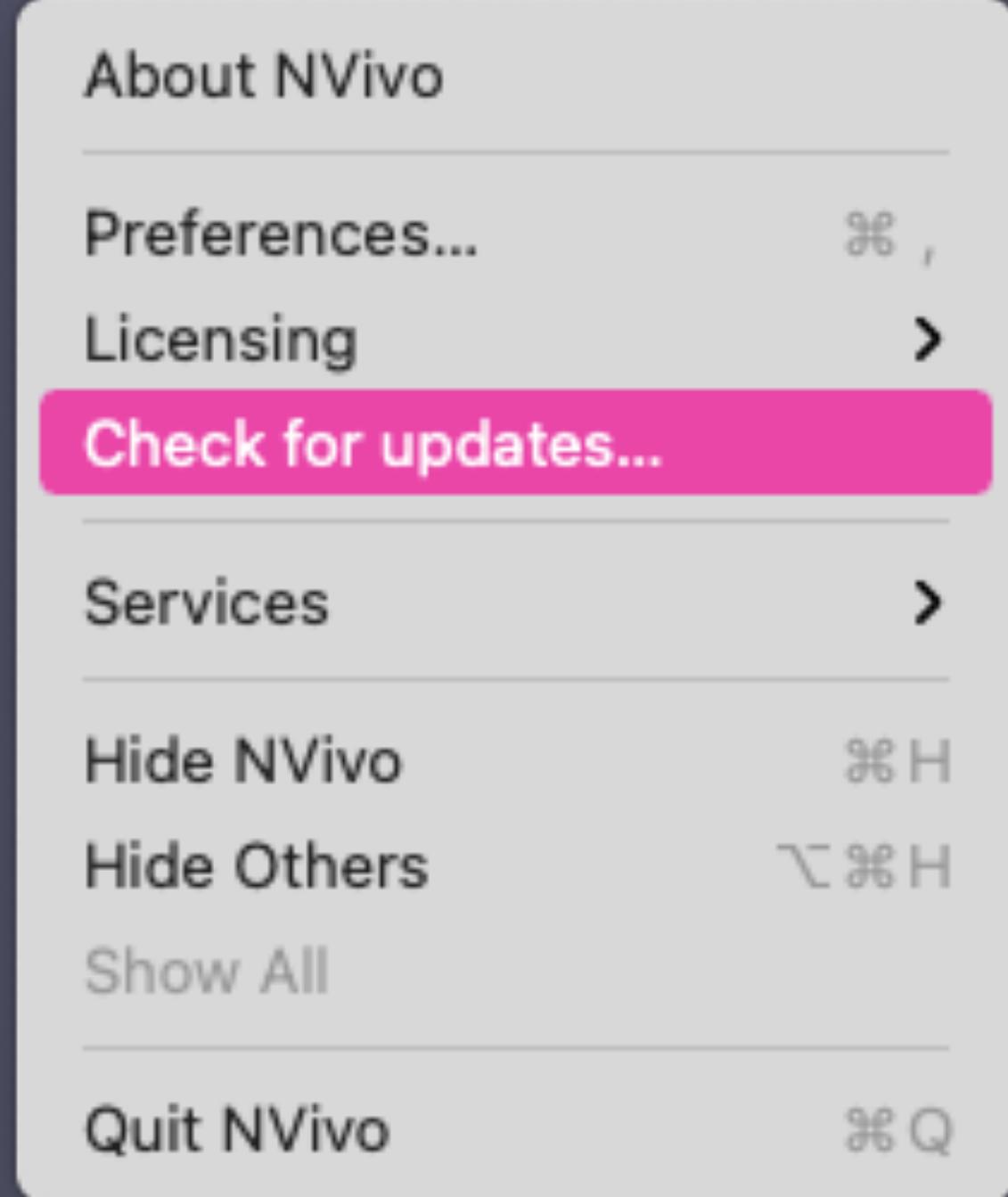
Organisation XK72 Ltd

Locality Auckland

County Auckland

Country or Region NZ

Serial Number 1620073808888



Charles 4.6.1 - Session 1 *

Structure Sequence Overview Summary Chart

> https://download.qsrinternational.com

Name	Value
Host	https://download.qsrinternational.com
Path	/
Notes	SSL Proxying not enabled for this host. Enable in the Proxy Menu, SSL Proxying Settings
Protocols	HTTP/1.1
Requests	1
Completed	1
Incomplete	0
Failed	0
Blocked	0
DNS	1
Connects	1
TLS Handshakes	1
Kept Alive	0
Timing	
Start	5/3/21 21:37:03
End	5/3/21 21:37:33
Timespan	30.38 s
Requests / sec	0.03
> Duration	30.38 s
> DNS	41 ms
> Connect	23 ms
> TLS Handshake	48 ms
> Latency	0 ms
> Speed	296 B/s
> Request Speed	-
> Response Speed	-
Size	
> Requests	1.37 KB
> Responses	7.43 KB
> Combined	8.79 KB
Compression	-

Filter:

CONNECT https://swscan.apple.com Recording

Charles 4.6.1 - Session 1 *

Structure Sequence Overview Summary Chart

> https://download.qsrinternational.com

Name Value

- Copy URL https://download.qsrinternational.com
- Copy URLs
- Save All... SSL Proxying not enabled for this host. Enable in the Proxy Menu, SSL Proxying Settings
- Export Session... HTTP/1.1
- Find In...

- Repeat
- Repeat Advanced...
- Compose
- Validate
- Publish Gist

- Sort By ▶
- Expand All
- Collapse All

- Focus /3/21 21:37:03
- Ignore /3/21 21:37:33 0.38 s

- Clear 0.03
- Clear Others 0.38 s
- 1 ms

- SSL Proxying: Disabled 3 ms
- Enable SSL Proxying 8 ms
- ms
- 96 B/s

- Breakpoints
- No Caching
- Block Cookies
- Block List
- Allow List
- Client Process 0.37 KB
- 0.43 KB

- Map Remote... 0.79 KB
- Map Local...

Filter:

CONNECT https://swscan.apple.com Recording

Charles 4.6.1 - Session 1 *

Structure **Sequence**

Overview **Contents** **Summary** **Chart** **Notes**

Name	Value
URL	https://download.qsrinternational.com/Software/NVivo12forMac/appcast.xml
Status	Complete
Response Code	200 OK
Protocol	HTTP/1.1
TLS	TLSv1.2 (TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256)
> Protocol	TLSv1.2
> Session Resumed	No (Client session resumed, server session restarted)
> Cipher Suite	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256
> ALPN	http/1.1
Client Certificates	-
> Server Certificates	3
> Extensions	
Method	GET
Kept Alive	No
Content-Type	text/xml
Client Address	127.0.0.1:54126
Remote Address	download.qsrinternational.com/99.86.118.121:443
Tags	-
> Connection	
> WebSockets	-
Timing	
Request Start Time	5/3/21 21:42:30
Request End Time	5/3/21 21:42:31
Response Start Time	5/3/21 21:42:31
Response End Time	5/3/21 21:42:31
Duration	241 ms
DNS	2 ms
Connect	21 ms
TLS Handshake	101 ms
Request	0 ms
Response	6 ms
Latency	111 ms
Speed	120.28 KB/s
Request Speed	0 B/s
Response Speed	4.45 MB/s
Size	
> Request	1.65 KB (1,694 bytes)

Filter:

GET https://download.qsrinternational.com/Software/NVivo12forMac/appcast.xml

Recording

Charles 4.6.1 - Session 1 *

Structure Sequence Overview Contents Summary Chart Notes

Name	Value
URL	https://download.qsrinternational.com/Software/NVivo12forMac/appcast.xml
Status	Complete
Response Code	200 OK
Protocol	HTTP/1.1
TLS	TLSv1.2 (TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256)
> Protocol	TLSv1.2
> Session Resumed	No (Client session resumed, server session restarted)
> Cipher Suite	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256
> ALPN	http/1.1
Client Certificates	-
> Server Certificates	3
> Extensions	
Method	GET
Kept Alive	No
Content-Type	text/xml
Client Address	127.0.0.1:54126
Remote Address	download.qsrinternational.com/99.86.118.121:443
Tags	-
> Connection	
> WebSockets	-
Timing	
Request Start Time	5/3/21 21:42:30
Request End Time	5/3/21 21:42:31
Response Start Time	5/3/21 21:42:31
Response End Time	5/3/21 21:42:31
Duration	241 ms
DNS	2 ms
Connect	21 ms
TLS Handshake	101 ms
Request	0 ms
Response	6 ms
Latency	111 ms
Speed	120.28 KB/s
Request Speed	0 B/s
Response Speed	4.45 MB/s
Size	
> Request	1.65 KB (1,694 bytes)

Copy Selection

- Base 64 Decode
- Copy URL
- Copy cURL Request
- Copy Response
- Save Response...
- Export Session...
- Compose
- Repeat
- Repeat Advanced...
- Validate
- Publish Gist
- View Request As ►
- View Response As ►
- Viewer Mappings...

Recording

[https://download.qsrinternational.com/Software/
NVivo12forMac/appcast.xml](https://download.qsrinternational.com/Software/NVivo12forMac/appcast.xml)



Terminal

```
$ curl https://download.qsrinternational.com/Software/NVivo12forMac/appcast.xml
```

Terminal

```
$ curl https://download.qsrinternational.com/Software/NVivo12forMac/appcast.xml
<?xml version="1.0" standalone="yes"?>
<rss xmlns:sparkle="http://www.andymatuschak.org/xml-namespaces/sparkle" version="2.0">
  <channel>
    <title>NVivo 12</title>
    <item>
      <title>12.6.1</title>
      <pubDate>Tue, 12 Jan 2021 16:35:41 +1100</pubDate>
      <sparkle:minimumSystemVersion>10.11</sparkle:minimumSystemVersion>
      <enclosure url="https://download.qsrinternational.com/Software/NVivo12forMac/12.6.1.3859/NVivo 12.dmg" sparkle:version="3859" sparkle:shortVersionString="12.6.1" length="630258549" type="application/octet-stream" sparkle:dsaSignature="MCwCFCY5LLoaQtQJCK0QypXV2kIHWKbhAhQC9iKJG8iXwhteg8fziEAJCqXAXw==" />
        <sparkle:releaseNotesLink xml:lang="de">https://download.qsrinternational.com/Software/NVivo12forMac/12.6.1.3859/ReleaseNotes/nm12_release_notes_de.htm</sparkle:releaseNotesLink>
        <sparkle:releaseNotesLink xml:lang="en">https://download.qsrinternational.com/Software/NVivo12forMac/12.6.1.3859/ReleaseNotes/nm12_release_notes_en.htm</sparkle:releaseNotesLink>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://download.qsrinternational.com/Software/
NVivo12forMac/appcast.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://download.qsrinternational.com/Software/
NVivo12forMac/appcast.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://download.qsrinternational.com/Software/
NVivo12forMac/appcast.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```



Disassembly



Applications

The Applications window displays a grid of icons for various Mac OS X and external applications. The icons include:

- FaceTime
- Find My
- Font Book
- GarageBand
- GitHub Desktop
- Google Chrome
- Google Docs
- Google Drive
- Google Sheets
- Google Slides
- Home
- Image Capture
- iMovie
- Jamf Connect
- Jamf Switcher
- Keynote
- Launchpad
- Mail

Favourites

- AirDrop
- Recents
- Applications
- Desktop
- Documents
- Downloads

Locations

- iCloud Drive
- NVivo 12
- Network

Tags

- Red
- Orange
- Yellow

Macintosh HD > Applications > Jamf Switcher

Contents

Frameworks

_CodeSignature CodeResources Frameworks Info.plist MacOS PkgInfo

Resources

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Favourites

- AirDrop
- Recents
- Applications
- Desktop
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- Orange
- Yellow

Frameworks

LetsMove.framework libswiftAppKit.dylib libswiftCloudKit.dylib libswiftContacts.dylib libswiftCore.dylib libswiftCoreData.dylib

exec exec exec exec exec exec

libswiftCoreFoundation.dylib libswiftCoreGraph.dylib libswiftCoreImage.dylib libswiftCoreLocation.dylib libswiftDarwin.dylib libswiftDispatch.dylib

exec exec exec exec exec exec

libswiftFoundation.dylib libswiftIOKit.dylib libswiftMetal.dylib libswiftObjectiveC.dylib libswiftos.dylib libswiftQuartzCore.dylib

exec exec exec exec exec exec

libswiftXPC.dylib Sparkle.framework

Macintosh HD > Applications > Jamf Switcher > Contents > Frameworks > Sparkle.framework

Favourites

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- Recents
- Applications
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Contents

Macintosh HD > Applications > Jamf Switcher > Contents > Info.plist

Favourites

- AirDrop
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Locations

- iCloud Drive
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- Network

Tags

- Red
- Orange
- Yellow

_CodeSignature CodeResources Frameworks Info.plist MacOS PkgInfo

Resources

Info.plist

Evaluation (30 days left)

/Applications/Jamf Switcher.app/Contents/Info.plist

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
3  <plist version="1.0">
4  <dict>
5      <key>BuildMachineOSBuild</key>
6      <string>19H2</string>
7      <key>CFBundleDevelopmentRegion</key>
8      <string>en</string>
9      <key>CFBundleExecutable</key>
10     <string>Jamf Switcher</string>
11     <key>CFBundleIconFile</key>
12     <string>AppIcon</string>
13     <key>CFBundleIconName</key>
14     <string>AppIcon</string>
15     <key>CFBundleIdentifier</key>
16     <string>uk.co.dataJAR.JamfSwitcher</string>
17     <key>CFBundleInfoDictionaryVersion</key>
18     <string>6.0</string>
19     <key>CFBundleName</key>
20     <string>Jamf Switcher</string>
21     <key>CFBundlePackageType</key>
22     <string>APPL</string>
23     <key>CFBundleShortVersionString</key>
24     <string>1.2.1</string>
25     <key>CFBundleSupportedPlatforms</key>
26     <array>
27         <string>MacOSX</string>
28     </array>
29     <key>CFBundleVersion</key>
30     <string>109</string>
31     <key>DTCompiler</key>
32     <string>com.apple.compilers.llvm.clang.1_0</string>
33     <key>DTPlatformBuild</key>
34     <string>12B45b</string>
35     <key>DTPlatformName</key>
36     <string>macosx</string>
37     <key>DTPlatformVersion</key>
38     <string>11.0</string>
39     <key>DTSDKBuild</key>
40     <string>20A2408</string>
41     <key>DTSDKName</key>
42     <string>macosx11.0</string>
43     <key>DTXcode</key>
44     <string>1220</string>
45     <key>DTXcodeBuild</key>
46     <string>12B45b</string>
47     <key>LSApplicationCategoryType</key>
48     <string>public.app-category.utilities</string>
49     <key>LSMinimumSystemVersion</key>
50     <string>10.12</string>
51     <key>NSHumanReadableCopyright</key>
52     <string>Copyright © 2020 dataJAR Ltd. All rights reserved.</string>
53     <key>NSMainStoryboardFile</key>
54     <string>Main</string>
55     <key>NSPrincipalClass</key>
56     <string>NSApplication</string>
57     <key>SUFeedURL</key>
58     <string>https://raw.githubusercontent.com/dataJAR/Jamf-Switcher/appcast/appcast.xml</string>
59     <key>SUPublicEDKey</key>
60     <string>5nvsscppeHUavkTt0DWR9ad+8E7gZxyNe6/Q7L4R1N+o=</string>
61   </dict>
62 </plist>

```

L: 1 C: 1 XML Saved: 18/11/2020, 10:46:28 1,924 / 207 / 63 100% □

Info.plist

Evaluation (30 days left)

/Applications/Jamf Switcher.app/Contents/Info.plist

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
    <key>BuildMachineOSBuild</key>
    <string>19H2</string>
    <key>CFBundleDevelopmentRegion</key>
    <string>en</string>
    <key>CFBundleExecutable</key>
    <string>Jamf Switcher</string>
    <key>CFBundleIconFile</key>
    <string>AppIcon</string>
    <key>CFBundleIconName</key>
    <string>AppIcon</string>
    <key>CFBundleIdentifier</key>
    <string>uk.co.dataJAR.JamfSwitcher</string>
    <key>CFBundleInfoDictionaryVersion</key>
    <string>6.0</string>
    <key>CFBundleName</key>
    <string>Jamf Switcher</string>
    <key>CFBundlePackageType</key>
    <string>APPL</string>
    <key>CFBundleShortVersionString</key>
    <string>1.2.1</string>
    <key>CFBundleSupportedPlatforms</key>
    <array>
        <string>MacOSX</string>
    </array>
    <key>CFBundleVersion</key>
    <string>109</string>
    <key>DTCompiler</key>
    <string>com.apple.compilers.llvm.clang.1_0</string>
    <key>DTPlatformBuild</key>
    <string>12B45b</string>
    <key>DTPlatformName</key>
    <string>macosx</string>
    <key>DTPlatformVersion</key>
    <string>11.0</string>
    <key>DTSDKBuild</key>
    <string>20A2408</string>
    <key>DTSDKName</key>
    <string>macosx11.0</string>
    <key>DTXcode</key>
    <string>1220</string>
    <key>DTXcodeBuild</key>
    <string>12B45b</string>
    <key>LSApplicationCategoryType</key>
    <string>public.app-category.utilities</string>
    <key>LSMinimumSystemVersion</key>
    <string>10.12</string>
    <key>NSHumanReadableCopyright</key>
    <string>Copyright © 2020 dataJAR Ltd. All rights reserved.</string>
    <key>NSMainStoryboardFile</key>
    <string>Main</string>
    <key>NSPrincipalClass</key>
    <string>NSApplication</string>
    <key>SUFeedURL</key>
    <string>https://raw.githubusercontent.com/dataJAR/Jamf-Switcher/appcast/appcast.xml</string>
    <key>SUPublicEDKey</key>
    <string>5nvsscppeHUavkTt0DWR9ad+8E7gZxyNe6/Q7L4R1N+o=</string>
</dict>
</plist>
```

L: 57 C: 1 XML ◊ □ Saved: 18/11/2020, 10:46:28 115 / 12 / 1 100% ◊

<https://raw.githubusercontent.com/dataJAR/Jamf-Switcher/appcast/appcast.xml>

```
<key>SPARKLE_FEED_URL</key>
<string>https://raw.githubusercontent.com/dataJAR/Jamf-
Switcher/appcast/appcast.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://raw.githubusercontent.com/dataJAR/Jamf-
Switcher/appcast/appcast.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://raw.githubusercontent.com/dataJAR/Jamf-
Switcher/appcast/appcast.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```

Info.plist

Evaluation (17 days left)

(functions) #

```
L: 1 C: 1 XML Saved: 06/11/2020, 17:09:56 4,276 / 382 / 131 100%  
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68 <key>CFBundleName</key>  
69 <string>Catalyst Prepare</string>  
70 <key>CFBundlePackageType</key>  
71 <string>APPL</string>  
72 <key>CFBundleShortVersionString</key>  
73 <string>2020.1.0</string>  
74 <key>CFBundleSignature</key>  
75 <string>????</string>  
76 <key>CFBundleSupportedPlatforms</key>  
77 <array>  
78 <string>MacOSX</string>  
79 </array>  
80 <key>CFBundleVersion</key>  
81 <string>2020.1.0.588</string>  
82 <key>DTCompiler</key>  
83 <string>com.apple.compilers.llvm.clang.1_0</string>  
84 <key>DTPlatformBuild</key>  
85 <string>10B61</string>  
86 <key>DTPlatformVersion</key>  
87 <string>GM</string>  
88 <key>DTSDKBuild</key>  
89 <string>18B71</string>  
90 <key>DTSDKName</key>  
91 <string>macosx10.14</string>  
92 <key>DTXcode</key>  
93 <string>1010</string>  
94 <key>DTXcodeBuild</key>  
95 <string>10B61</string>  
96 <key>LSMinimumSystemVersion</key>  
97 <string>10.8</string>  
98 <key>NSHighResolutionCapable</key>  
99 <string>True</string>  
100 <key>NSHumanReadableCopyright</key>  
101 <string>Copyright © 2020 Sony Creative Software Inc.</string>  
102 <key>NSPrincipalClass</key>  
103 <string>NSApplication</string>  
104 <key>SUPublicDSAKey</key>  
105 <string>  
106 -----BEGIN PUBLIC KEY-----  
107 MIID0zCCAi0GBYqGSM4BAEwgIgAoIBAQDcJxnY+LsvkXlVxmd6heLqAZEhi8+n  
108 P86PoXB9fd6oPoNzCmm02st71Gz3Kn4++e5VQDdQ0L1Anml1Qc0V2BBesbdCA4la  
109 SjuDqMTT7w3MNuUyUKCtsu8wtVXXZTuHE2+Tcm0/lWl61pFyY0/LeB9kF0LhN9Pr  
110 jSmS0R0hU9M+8/Ipuam9guWmQWdwkNtIyPRCCW3hSUR0s2EZ+7E9wJy1/iD6oqxy  
111 /WhHfGDclbo77V3brlxDUU5WkLMxz8sWBD57xlbV0MKUGzIZw48gVPMDMUb9W50+  
112 q4BPvrc007L16ilwfdzf+XQTICHpxuE3ezCLqM1hXG/dUuY6UNS0g7AhUA6fft  
113 WFMshgt00PlyLkAdVysATE8CggEAPapRaYxympxOD4Twhrrp2pQTrkI++DUq4vQa  
114 KMZVmnsq2ptl8gbhW9L77wmcLGunfTWNC5GWw8jv7eF6jB850j1s7oUpFwF70  
115 Omfhx1/PagKFlovuKIfFyyLteW0sQei9VdhduYkA1I7406udVeoNaVsanaWilo2  
116 /UZY17xRi4EmarxVGMbS0nu06B5bAUUh01rw2JtUy9v2Au0xIop9dVvUL3+THJ6P  
117 8C1CwU6hg8V8I+ek+iMqiYKw3GDPYF4QZ/Frs0PpC2ml+kiptduT0htZILTLYorj  
118 F53Ad3lNUOh9teM9vbBbMg0LtkXZraH7Dp/RHXuf17zKU4uBVA0CAQYAAoIBAQCi  
119 ribuMxPAW0sz17/0vDw7etNyZj/f+tK2TdVqaoTVTJUiGkTpYg2nFMsYU/9+jbgv  
120 zJOr8RPS9/ubWL62xJxo7hHUKGHl0T906MKbNL2j6b5kwfoAmxn8B74BxhQ9eHdu  
121 hvsM08NMitgYXt8L/Svyo5i5WuXDP3764Ee/YN1fTk1Dn0VgWK7B70SrjqmajWH  
122 oZct13GohG5sEdm3zMjzLp6/eHAE3SctzXDRyNc+onlt3ByejHSbe3pWZKY2LT4m  
123 GMoT/IEoZJcap1LnqHijnH4fGhn8hqeNU5YhohayCNKdmoOsGShAw4KTlEkPf1rY  
124 qhf7LAn8qX+9v70y/SJ3  
125 -----END PUBLIC KEY-----  
126 </string>  
127 <key>SparkleUpdateChannel</key>  
128 <string>stable</string>  
129 </dict>  
130 </plist>  
131
```

Info.plist

Evaluation (17 days left)

(functions) #

```
L: 104 C: 1 XML Saved: 06/11/2020, 17:09:56 1,286 / 68 / 24 100% 
```

67 </array>
68 <key>CFBundleName</key>
69 <string>Catalyst Prepare</string>
70 <key>CFBundlePackageType</key>
71 <string>APPL</string>
72 <key>CFBundleShortVersionString</key>
73 <string>2020.1.0</string>
74 <key>CFBundleSignature</key>
75 <string>????</string>
76 <key>CFBundleSupportedPlatforms</key>
77 <array>
78 <string>MacOSX</string>
79 </array>
80 <key>CFBundleVersion</key>
81 <string>2020.1.0.588</string>
82 <key>DTCompiler</key>
83 <string>com.apple.compilers.llvm.clang.1_0</string>
84 <key>DTPlatformBuild</key>
85 <string>10B61</string>
86 <key>DTPlatformVersion</key>
87 <string>GM</string>
88 <key>DTSDKBuild</key>
89 <string>18B71</string>
90 <key>DTSDKName</key>
91 <string>macosx10.14</string>
92 <key>DTXcode</key>
93 <string>1010</string>
94 <key>DTXcodeBuild</key>
95 <string>10B61</string>
96 <key>LSMinimumSystemVersion</key>
97 <string>10.8</string>
98 <key>NSHighResolutionCapable</key>
99 <string>True</string>
100 <key>NSHumanReadableCopyright</key>
101 <string>Copyright © 2020 Sony Creative Software Inc.</string>
102 <key>NSPrincipalClass</key>
103 <string>NSApplication</string>
104 <key>SUPublicDSAKey</key>
105 <string>
----BEGIN PUBLIC KEY----
106 MIID0zCCAi0GBYqGSM4BAEwgIgAoIBAQDcJxnY+LsvkXlVxmd6heLqAZEhi8+n
107 P86PoXB9fd6oPoNzCmm02st71Gz3Kn4++e5VQDdQ0L1Anml1Qc0V2BBesbdCA4la
108 SjuDqMTT7w3MNuUyUKCtsu8wtVXXZTuHE2+Tcm0/lWl61pFyY0/LeB9kF0LhN9Pr
109 jSmS0R0hU9M+8/Ipuam9guWmQWdknTiyPRCCW3hSUR0s2EZ+7E9wJy1/iD6oqxy
110 /WhfGDclbo77V3brlxDU5WkLMxz8sWBD57xlbV0MkUGzIZw48gVPMDMUUb9W50+
111 q4BPvrc007L16ilwfdzf+XQTICHpxuE3ezCLlqM1hXG/dUuY6UNS0g7AhUA6fft
112 WFMshgt00PlyLkAdVysATE8CggEAPapRaYxympxOD4Twhrrp2pQTrkI++DUq4vQa
113 KMZVmnsq2ptl8gbhW9L77wmcLGunfTWNC5Gw8jv7eF6jB850j1s7oUpFwF70
114 Omfhx1/PagKFlovuKIfFyyLteW0sQei9VDhdUwYkA1I7406udVeoNaVsanaWlo2
115 /UZY17xRi4EmarxVGMbS0nu06B5bAUUh01rw2JtUy9v2Au0xIop9dVvUL3+THJ6P
116 8ClCwU6hg8V8I+ek+iMqiYKw3GDPYF4QZ/Frs0PpC2ml+kiptduT0htZILTLYorj
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119 zJ0r8RPS9/ubWL62xJxo7hHUKGHl0T906MKbnL2j6b5kwfoAmxn8B74BxhQ9eHdu
120 hvsM08NMitgYXt8L/Svyo5i5WuXDP3764Ee/YN1fTk1Dn0VgWK7B70SrjqmajWH
121 oZct13GohG5sEdm3zMjzLp6/eHAE3SctzXDRyNc+onlt3ByejHSbe3pWZKY2LT4m
122 GMoT/IEoZJcap1LnqHjynH4fGHn8hqeNU5YhohayCNKdmoOsGShAw4KTlEkPf1rY
123 qhf7LAn8qX+9v70y/SJ3
124 ----END PUBLIC KEY----
125 </string>
126 <key>SparkleUpdateChannel</key>
127 <string>stable</string>
128 </dict>
129 </plist>
130
131

Info.plist

Evaluation (17 days left)

(functions) #

```
L: 104 C: 1 XML Saved: 06/11/2020, 17:09:56 1,286 / 68 / 24 100% 
```

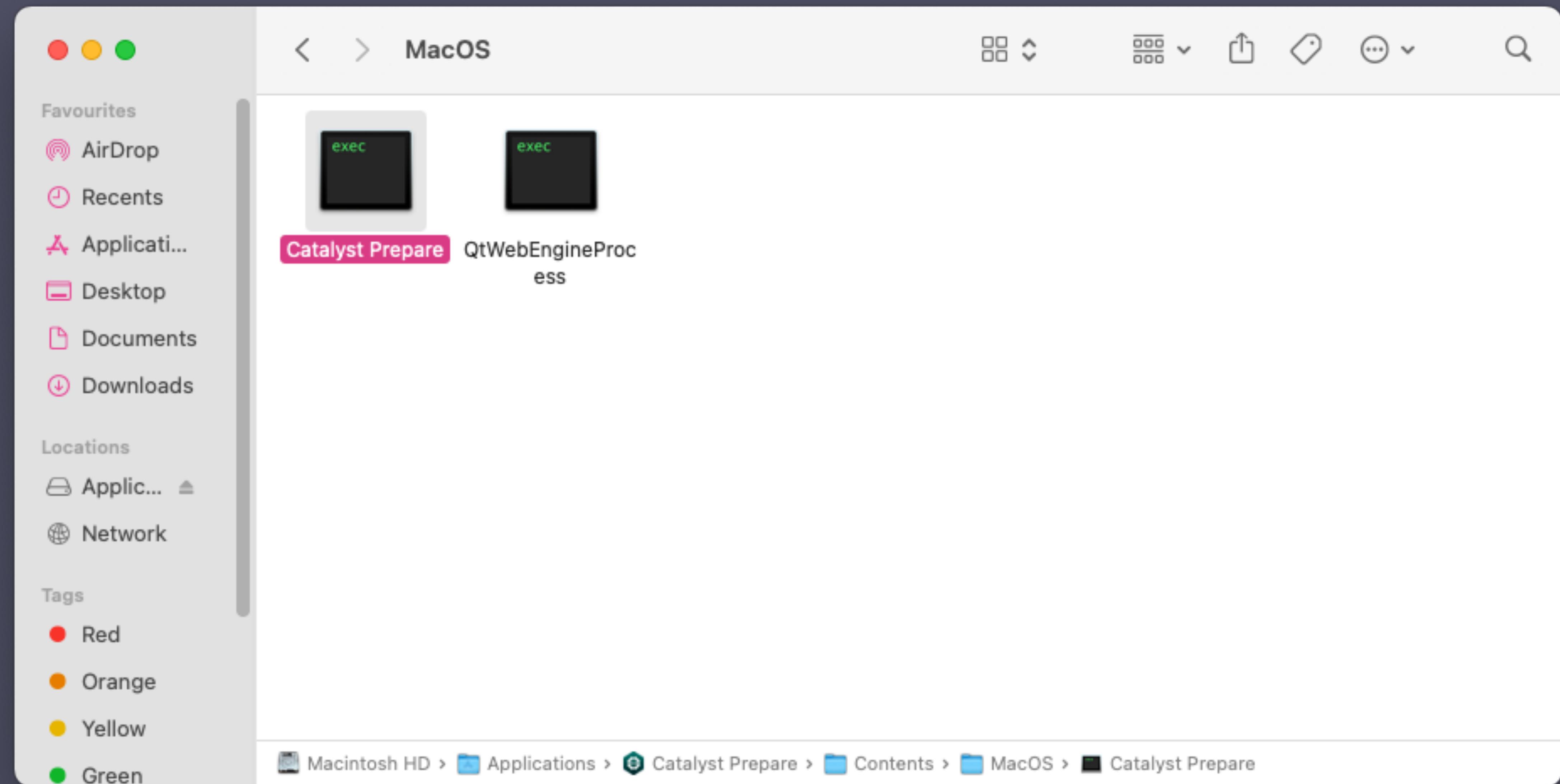
67 </array>
68 <key>CFBundleName</key>
69 <string>Catalyst Prepare</string>
70 <key>CFBundlePackageType</key>
71 <string>APPL</string>
72 <key>CFBundleShortVersionString</key>
73 <string>2020.1.0</string>
74 <key>CFBundleSignature</key>
75 <string>????</string>
76 <key>CFBundleSupportedPlatforms</key>
77 <array>
78 <string>MacOSX</string>
79 </array>
80 <key>CFBundleVersion</key>
81 <string>2020.1.0</string>
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83 <string>com.apple.dt.compiler</string>
84 <key>DTPlatform</key>
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86 <key>DTPlatformName</key>
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90 <key>DTSDKName</key>
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92 <key>DTXcode</key>
93 <string>1010</string>
94 <key>DTXcodeBuild</key>
95 <string>10B61</string>
96 <key>LSMinimumSystemVersion</key>
97 <string>10.8</string>
98 <key>NSHighResolutionCapable</key>
99 <string>True</string>
100 <key>NSHumanReadableCopyright</key>
101 <string>Copyright © 2020 Sony Creative S</string>
102 <key>NSPrincipalClass</key>
103 <string>NSApplication</string>
104 <key>SUPublicDSAKey</key>
105 <string>
----BEGIN PUBLIC KEY----
106 MIID0zCCAi0GBYqGSM44BAEwggiGaoIBAQDcJxn)18+n
107 P86PoXB9fd6oPoNzCmm02st71Gz3Kn4++e5VQDd)A4la
108 SjuDqMTT7w3MNuUyUKCtsu8wtVXXZTuHE2+Tcm0)N9Pr
109 jSmS0R0hU9M+8/Ipuam9guWmQWdwkNtIyPRCCW3)5oqxy
110 /WhfGDclbo77V3brlxDUU5WkLMxz8sWBD57xlb)W50+
111 q4BPvrc007L16ilwfdzf+XQTICHpxuE3ezCLqM1hXGg/dUUy6lNS0g7AhUA6fft
112 WFMshgt00PlyLkAdVysATE8CggEAPapRaYxympxOD4Twhrrp2pQTrkI++DUq4vQa
113 KMZVmnsq2ptl8gbhW9L77W7mcCLGunftWNC5GWw8jv7eF6jB850j1s7oUpFwF70
114 Omfhx1/PagKFlovuKIfYYlTeW0sQei9VDhdUwYkA1I7406udVeoNaVsanaWilo2
115 /UZY17xRi4EmarxVGMbS0nu06B5bAUUh01rw2)J6P
116 8C1CwU6hg8V8I+ek+iMqiYKw3GDPYF4QZ/Frs)orj
117 F53Ad3NUOh9teM9vbBbMg0LtkXZraH7Dp/RH)QCi
118 ribuMxPAW0sz17/0vDw7etNyzJ/f+tK2TdVqa)bgv
119 zJOr8RPS9/ubWL62xJxo7hHUKGHl0T906MKbN)HDu
120 hvSM08NMitgYxt8L/Svyo5i5WwuXDP3764Ee)ijWH
121 oZct13GohG5sEdm3zMzjLp6/eHAE3SctzXDRy)T4m
122 GMoT/IEoZJcap1LnqHjynH4fGHn8hqeNU5Yho)1rY
123 qhf7LAN8qX+9v70y/SJ3
124 ----END PUBLIC KEY----
125 </string>
126 <key>SparkleUpdateChannel</key>
127 <string>stable</string>
128 </dict>
129 </plist>
130
131

Info.plist

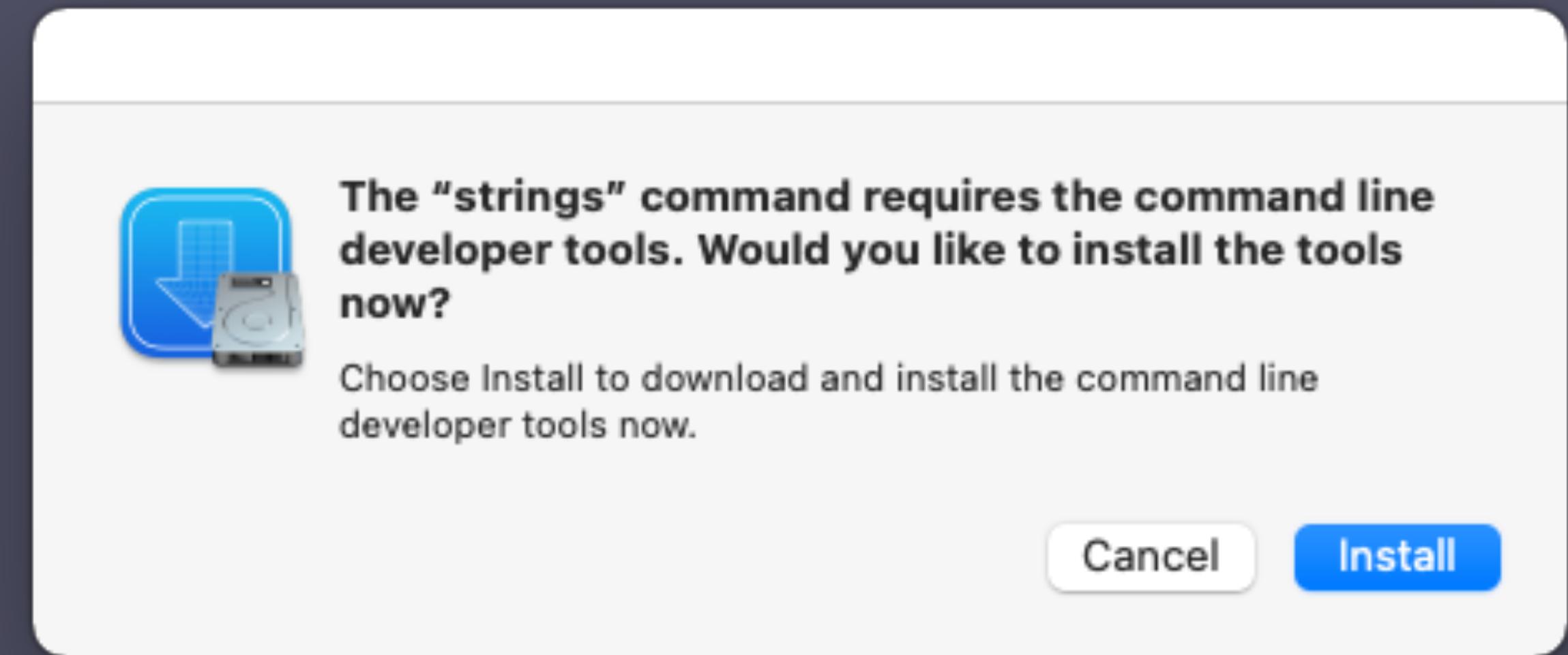
Evaluation (17 days left)

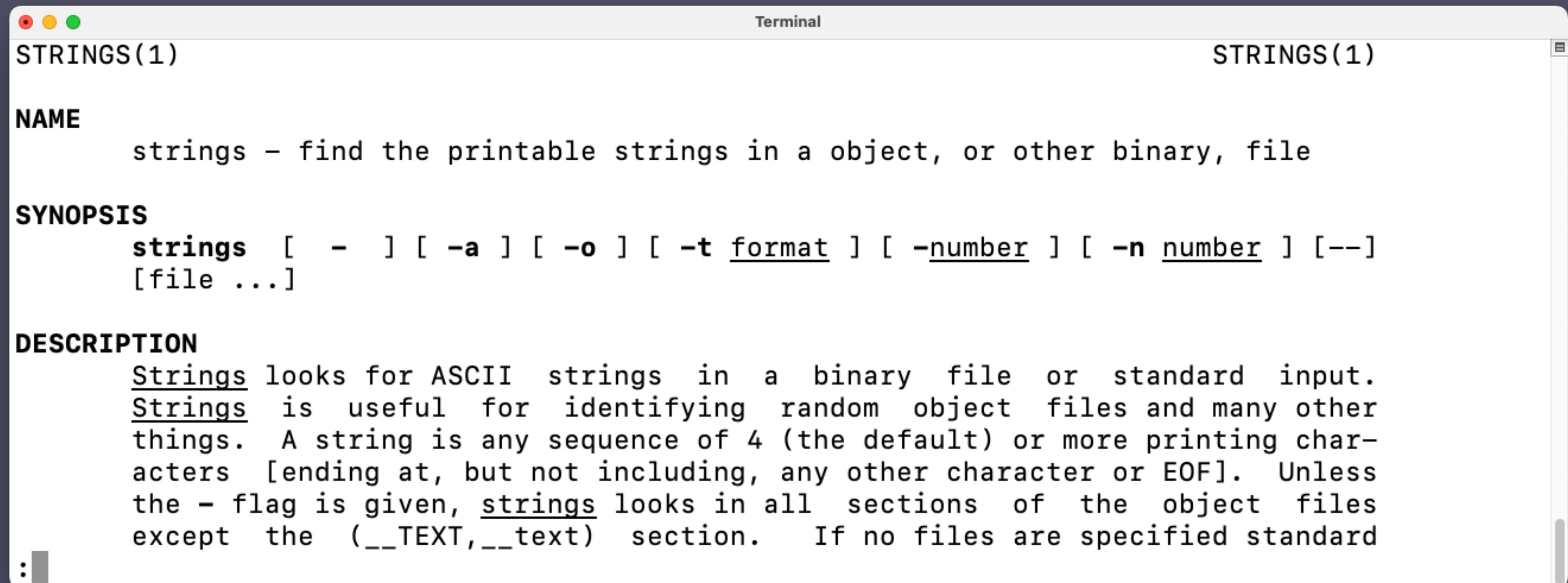
(functions) #

```
</array>
68 <key>CFBundleName</key>
69 <string>Catalyst Prepare</string>
70 <key>CFBundlePackageType</key>
71 <string>APPL</string>
72 <key>CFBundleShortVersionString</key>
73 <string>2020.1.0</string>
74 <key>CFBundleSignature</key>
75 <string>????</string>
76 <key>CFBundleSupportedPlatforms</key>
77 <array>
78   <string>MacOSX</string>
79 </array>
80 <key>CFBundleVersion</key>
81 <string>2020.1.0.588</string>
82 <key>DTCompiler</key>
83 <string>com.apple.compilers.llvm clang.1_0</string>
84 <key>DTPlatformBuild</key>
85 <string>10B61</string>
86 <key>DTPlatformVersion</key>
87 <string>GM</string>
88 <key>DTSDKBuild</key>
89 <string>18B71</string>
90 <key>DTSDKName</key>
91 <string>macosx10.14</string>
92 <key>DTXcode</key>
93 <string>1010</string>
94 <key>DTXcodeBuild</key>
95 <string>10B61</string>
96 <key>LSMinimumSystemVersion</key>
97 <string>10.8</string>
98 <key>NSHighResolutionCapable</key>
99 <string>True</string>
100 <key>NSHumanReadableCopyright</key>
101 <string>Copyright © 2020 Sony Creative Software Inc.</string>
102 <key>NSPrincipalClass</key>
103 <string>NSApplication</string>
104 <key>SUPublicDSAKey</key>
105 <string>
106 -----BEGIN PUBLIC KEY-----
107 MIID0zCCAi0GBYqGSM44BAEwgIgAoIBAQDcJxnY+LsvkXlVxmd6heLqAZEhi8+n
108 P86PoXB9fd6oPoNzCmm02st71Gz3Kn4++e5VQDdQ0L1Anml1Qc0V2BBesbdCA4la
109 SjuDqMTT7w3MNuUyUKCtsu8wtVXXZTuHE2+Tcm0/lWl61pFyY0/LeB9kF0LhN9Pr
110 jSmS0R0hU9M+8/Ipuam9guWmQWdwkNtIyPRCCW3hSUR0s2EZ+7E9wJy1/iD6oqxy
111 /WhHfGDclbo77V3brlxDUU5WkLMxz8sWBD57xlbV0MkUGzIZw48gVPMDMUb9W50+
112 q4BPvrc007L16ilwfdzf+XQTICHpxuE3ezCLlqM1hXG/dUuY6UNS0g7AhUA6fft
113 WFMshgt00PlyLkAdVysATE8CggEAPapRaYxympxOD4Twhrrp2pQTrkI++DUq4vQa
114 KMZVmnsq2ptl8gbhW9L77wmcLGunfTWNC5GWw8jv7eF6jB850j1s7oUpFwF70
115 Omfhx1/PagKFlovuKIfFYYlTeW0sQei9VdhduYkA1I7406udVeoNaVsanaWilo2
116 /UZY17xRi4EmarxVGMbS0nu06B5bAUUh01rw2JtUy9v2Au0xIop9dVvUL3+THJ6P
117 8ClCwU6hg8V8I+ek+iMqiYKw3GDPYF4QZ/FrsOPpC2ml+kiptduTOhtZILTLYorj
118 F53Ad3lNUOh9teM9vbBbMg0LtkXZraH7Dp/RHXuf17zKU4uBVA0CAQYAAoIBAQCi
119 ribuMxPAW0sz17/0vDw7etNyZj/f+tK2TdVqaoTVTJUiGkTpYg2nFMsYU/9+jbgv
120 zJOr8RPS9/ubWL62xJxo7hHUKGHl0T906MKbNL2j6b5kwfoAmxn8B74BxhQ9eHdu
121 hvsM08NMitgYXt8L/Svyo5i5WuXDP3764Ee/YN1fTk1Dn0VgWK7B70SrjqmajWH
122 oZct13GohG5sEdm3zMzjLp6/eHAE3SctzXDRyNc+onlt3ByejHSbe3pWZKY2LT4m
123 GMoT/IEoZJcap1LnqHijnH4fGhn8hqeNU5YhohayCNKdmoOsGShAw4KTlEkPf1rY
124 qhf7LAn8qX+9v70y/SJ3
125 -----END PUBLIC KEY-----
126 </string>
127 <key>SparkleUpdateChannel</key>
128 <string>stable</string>
129 </dict>
130 </plist>
131
```









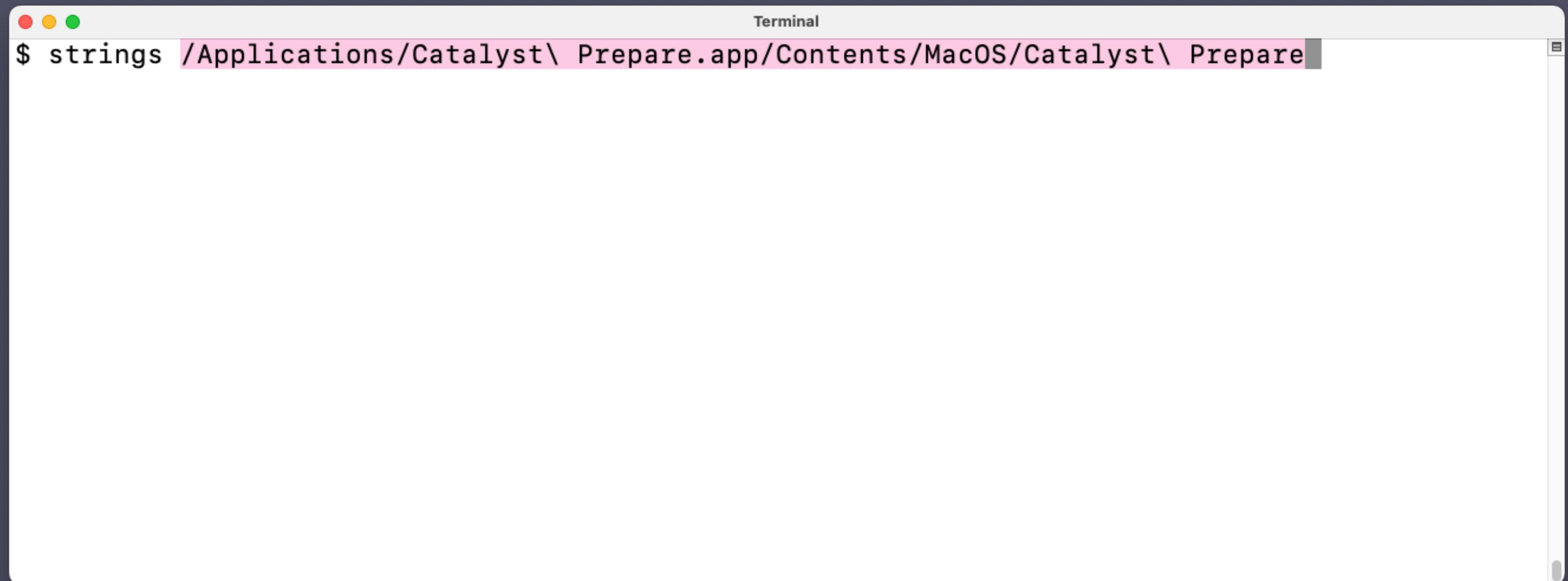
The image shows a terminal window with a light gray background and a dark gray title bar. The title bar has three colored dots (red, yellow, green) on the left and the word "Terminal" in the center. The main area of the terminal is titled "STRINGS(1)" at the top right. The content of the terminal is the man page for the "strings" command:

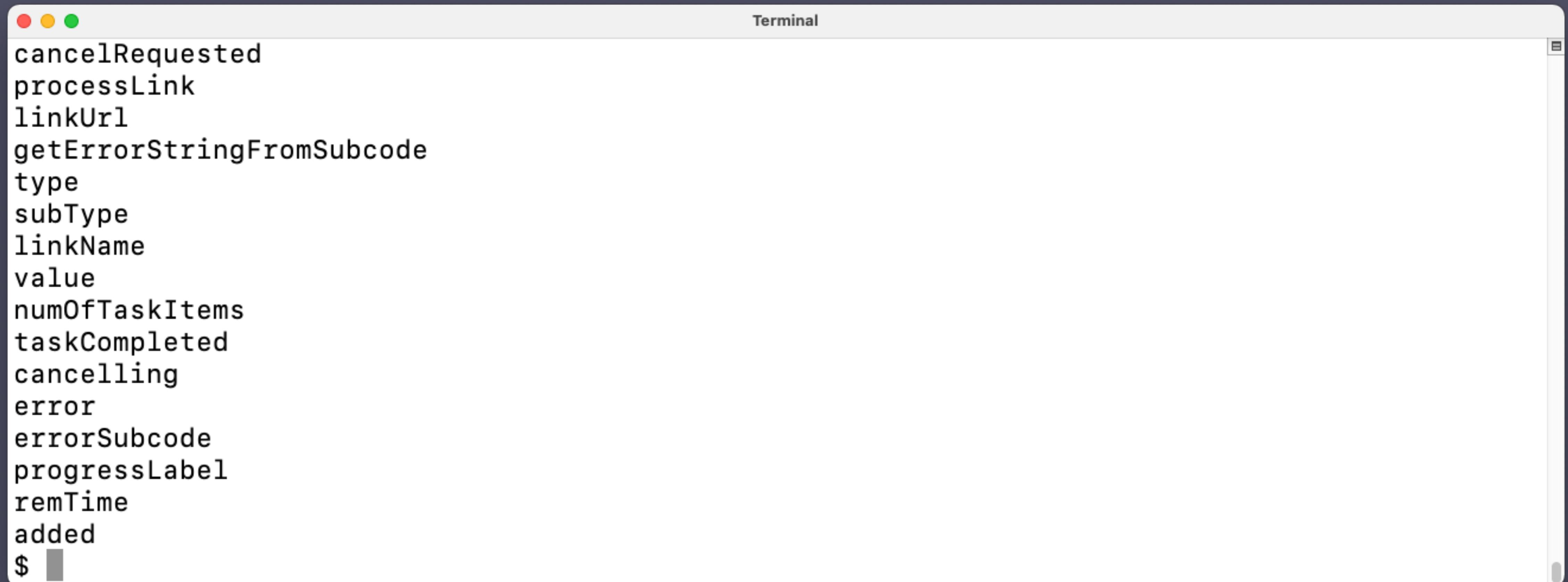
```
STRINGS(1)                               STRING(1)

NAME
    strings - find the printable strings in a object, or other binary, file

SYNOPSIS
strings [ - ] [ -a ] [ -o ] [ -t format ] [ -n number ] [ -n number ] [--]
[file ...]

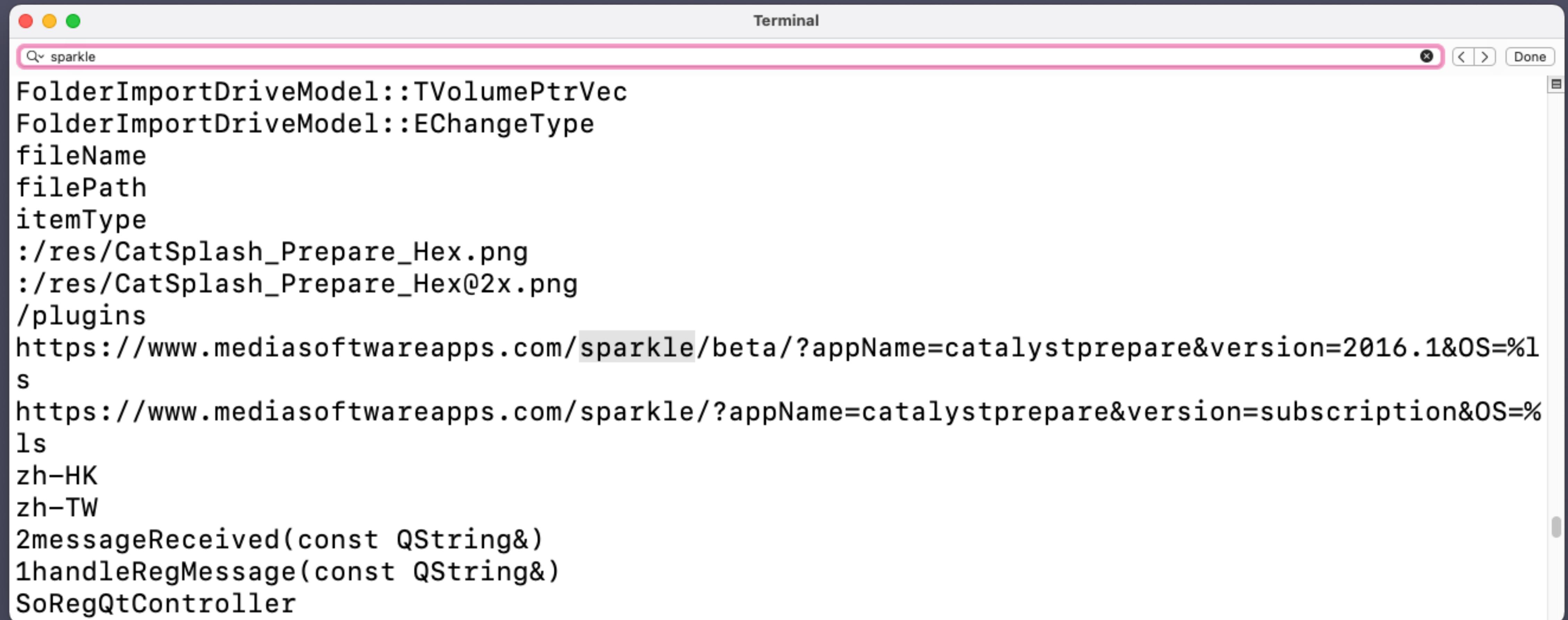
DESCRIPTION
Strings looks for ASCII strings in a binary file or standard input.
Strings is useful for identifying random object files and many other
things. A string is any sequence of 4 (the default) or more printing char-
acters [ending at, but not including, any other character or EOF]. Unless
the - flag is given, strings looks in all sections of the object files
except the (_TEXT,__text) section. If no files are specified standard
```





A screenshot of a Mac OS X Terminal window titled "Terminal". The window contains a list of variable names, each on a new line. The variables listed are: cancelRequested, processLink, linkUrl, getErrorStringFromSubcode, type, subType, linkName, value, numOfTaskItems, taskCompleted, cancelling, error, errorSubcode, progressLabel, remTime, added, and \$. The window has the standard OS X title bar with red, yellow, and green buttons, and a scroll bar on the right side.

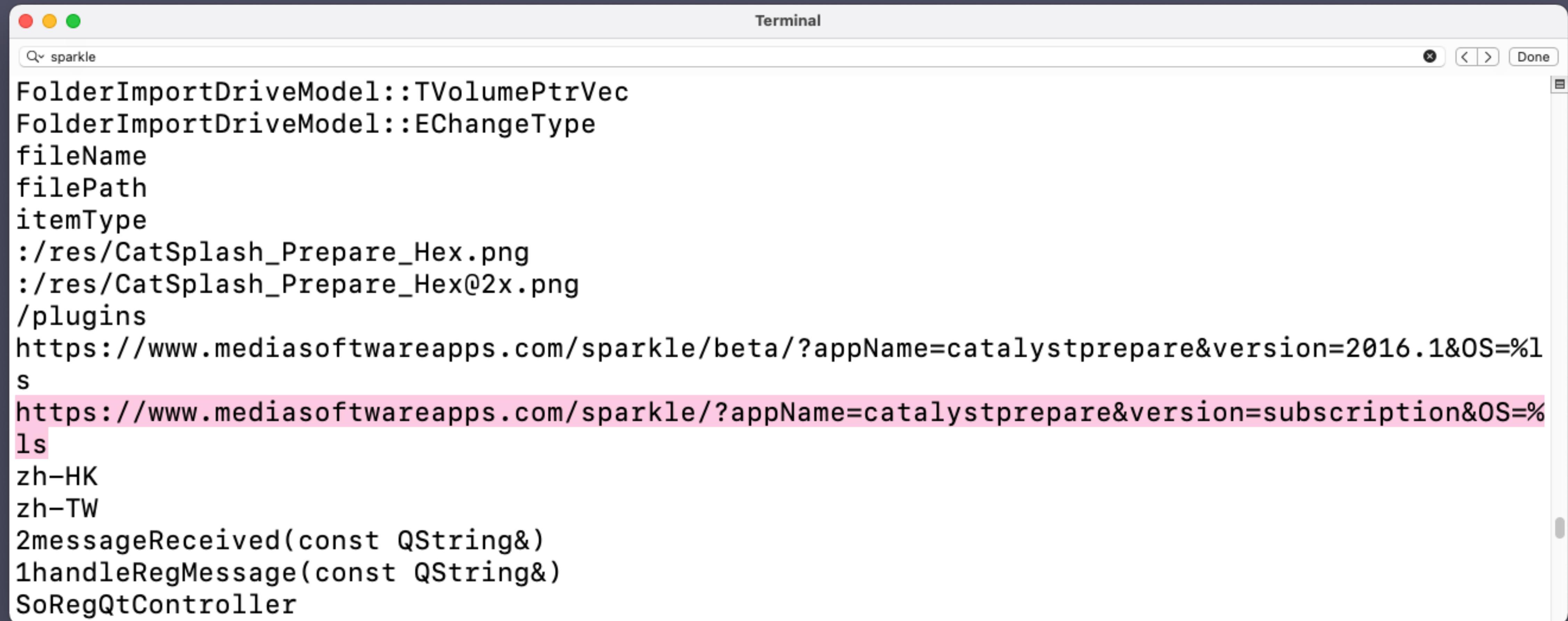
```
cancelRequested
processLink
linkUrl
getErrorStringFromSubcode
type
subType
linkName
value
numOfTaskItems
taskCompleted
cancelling
error
errorSubcode
progressLabel
remTime
added
$
```



Terminal

Qv sparkle

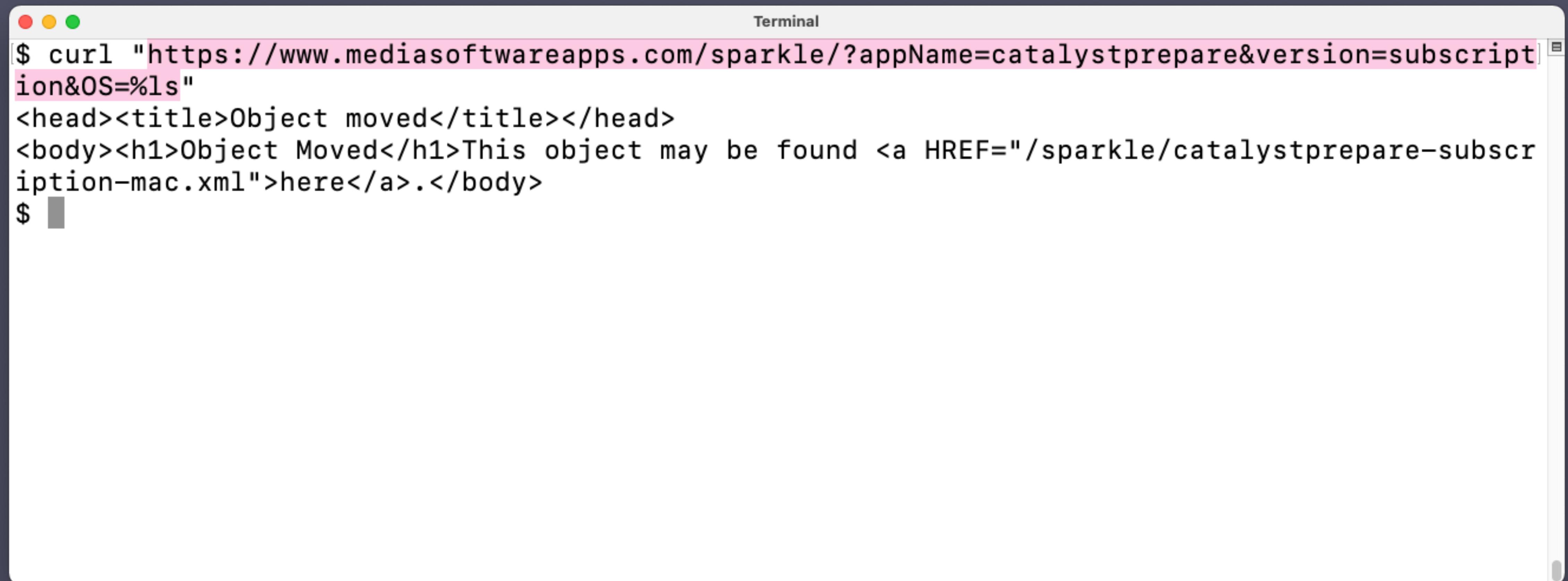
```
FolderImportDriveModel::TVolumePtrVec
FolderImportDriveModel::EChangeType
fileName
filePath
itemType
:/res/CatSplash_Prepares_Hex.png
:/res/CatSplash_Prepares_Hex@2x.png
/plugins
https://www.mediasoftwareapps.com/sparkle/beta/?appName=catalystprepare&version=2016.1&OS=%
s
https://www.mediasoftwareapps.com/sparkle/?appName=catalystprepare&version=subscription&OS=%
ls
zh-HK
zh-TW
2messageReceived(const QString&)
1handleRegMessage(const QString&)
SoRegQtController
```



The screenshot shows a Mac OS X terminal window titled "Terminal". The window has a standard OS X title bar with red, yellow, and green buttons. The main area contains the following text:

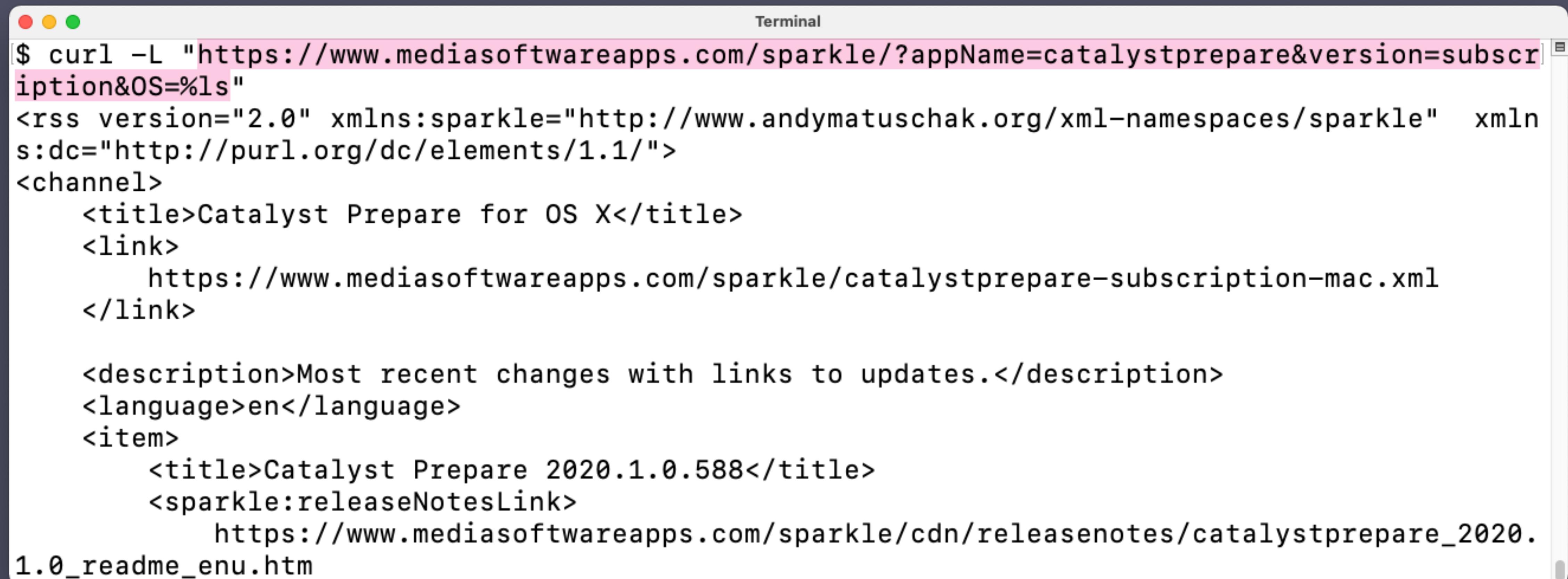
```
Q> sparkle
FolderImportDriveModel::TVolumePtrVec
FolderImportDriveModel::EChangeType
fileName
filePath
itemType
:/res/CatSplash_Prepares_Hex.png
:/res/CatSplash_Prepares_Hex@2x.png
/plugins
https://www.mediasoftwareapps.com/sparkle/beta/?appName=catalystprepare&version=2016.1&OS=%
s
https://www.mediasoftwareapps.com/sparkle/?appName=catalystprepare&version=subscription&OS=%
ls
zh-HK
zh-TW
2messageReceived(const QString&)
1handleRegMessage(const QString&)
SoRegQtController
```

The URL "https://www.mediasoftwareapps.com/sparkle/beta/?appName=catalystprepare&version=2016.1&OS=%s" and the "ls" command are highlighted in pink.



A screenshot of a Mac OS X Terminal window titled "Terminal". The window contains a single line of terminal output:

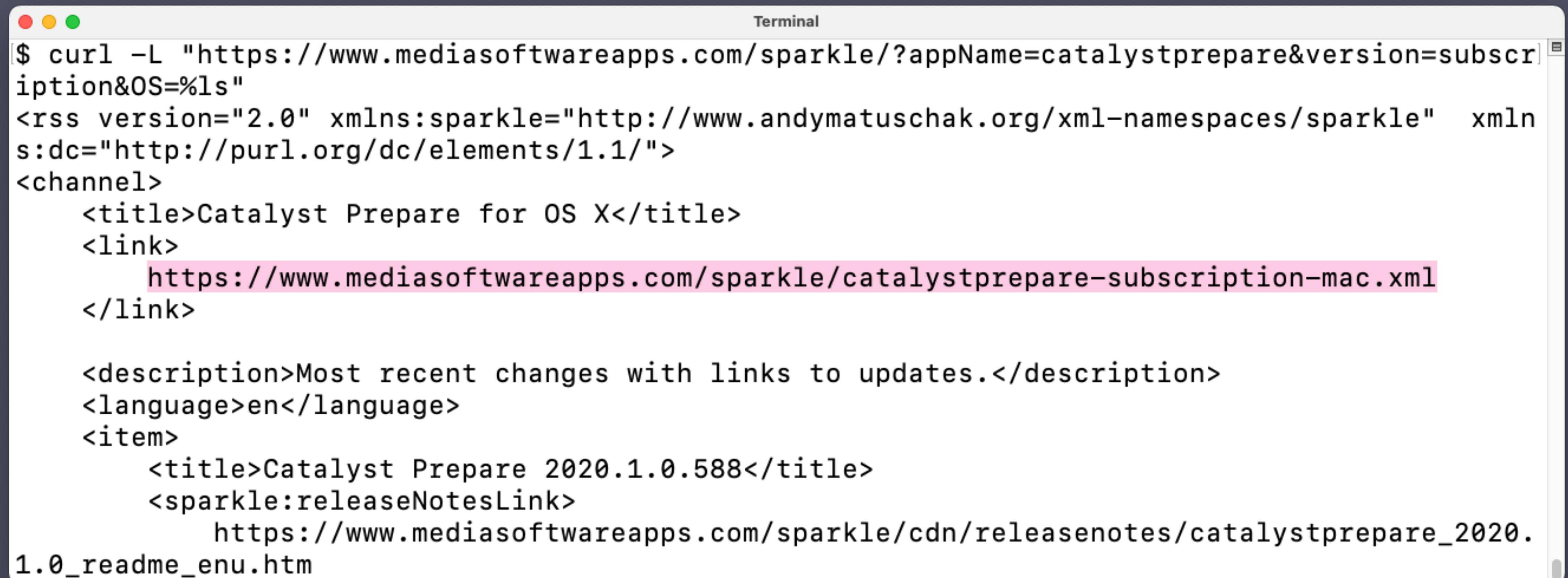
```
$ curl "https://www.mediasoftwareapps.com/sparkle/?appName=catalystprepare&version=subscription&OS=%ls"
<head><title>Object moved</title></head>
<body><h1>Object Moved</h1>This object may be found <a HREF="/sparkle/catalystprepare-subscription-mac.xml">here</a>.</body>
$
```



A screenshot of a Mac OS X Terminal window titled "Terminal". The window contains a single line of terminal command and its output. The command is "\$ curl -L "https://www.mediasoftwareapps.com/sparkle/?appName=catalystprepare&version=subscrption&OS=%ls"". The output is an XML RSS feed for the "Catalyst Prepare for OS X" channel. It includes a title, link to the XML file, description of recent changes, language (en), and one item with a title ("Catalyst Prepare 2020.1.0.588"), release notes link, and a detailed URL.

```
$ curl -L "https://www.mediasoftwareapps.com/sparkle/?appName=catalystprepare&version=subscrption&OS=%ls"
<rss version="2.0" xmlns:sparkle="http://www.andymatuschak.org/xml-namespaces/sparkle" xmlns:dc="http://purl.org/dc/elements/1.1/">
<channel>
    <title>Catalyst Prepare for OS X</title>
    <link>
        https://www.mediasoftwareapps.com/sparkle/catalystprepare-subscription-mac.xml
    </link>

    <description>Most recent changes with links to updates.</description>
    <language>en</language>
    <item>
        <title>Catalyst Prepare 2020.1.0.588</title>
        <sparkle:releaseNotesLink>
            https://www.mediasoftwareapps.com/sparkle/cdn/releasenotes/catalystprepare_2020.1.0_readme_enu.htm
        </sparkle:releaseNotesLink>
    </item>
</channel>
</rss>
```



A screenshot of a Mac OS X Terminal window titled "Terminal". The window contains the output of a curl command. The command is \$ curl -L "https://www.mediasoftwareapps.com/sparkle/?appName=catalystprepare&version=subscrption&OS=%ls". The output is an RSS feed XML document. It starts with the XML declaration <?xml version="1.0" encoding="UTF-8"?>. The XML includes a channel element with a title of "Catalyst Prepare for OS X", a link to "https://www.mediasoftwareapps.com/sparkle/catalystprepare-subscription-mac.xml", and a description of "Most recent changes with links to updates." An item element is present, titled "Catalyst Prepare 2020.1.0.588", with a sparkle:releaseNotesLink pointing to "https://www.mediasoftwareapps.com/sparkle/cdn/releasenotes/catalystprepare_2020.1.0_readme_enu.htm". The link in the item's release notes section is highlighted with a pink rectangle.

```
$ curl -L "https://www.mediasoftwareapps.com/sparkle/?appName=catalystprepare&version=subscrption&OS=%ls"
<?xml version="1.0" encoding="UTF-8"?>
<rss version="2.0" xmlns:sparkle="http://www.andymatuschak.org/xml-namespaces/sparkle" xmlns:dc="http://purl.org/dc/elements/1.1/">
<channel>
    <title>Catalyst Prepare for OS X</title>
    <link>
        https://www.mediasoftwareapps.com/sparkle/catalystprepare-subscription-mac.xml
    </link>

    <description>Most recent changes with links to updates.</description>
    <language>en</language>
    <item>
        <title>Catalyst Prepare 2020.1.0.588</title>
        <sparkle:releaseNotesLink>
            https://www.mediasoftwareapps.com/sparkle/cdn/releasenotes/catalystprepare_2020.1.0_readme_enu.htm
        </sparkle:releaseNotesLink>
    </item>
</channel>
</rss>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://www.mediasoftwareapps.com/sparkle/
catalystprepare-subscription-mac.xml</string>

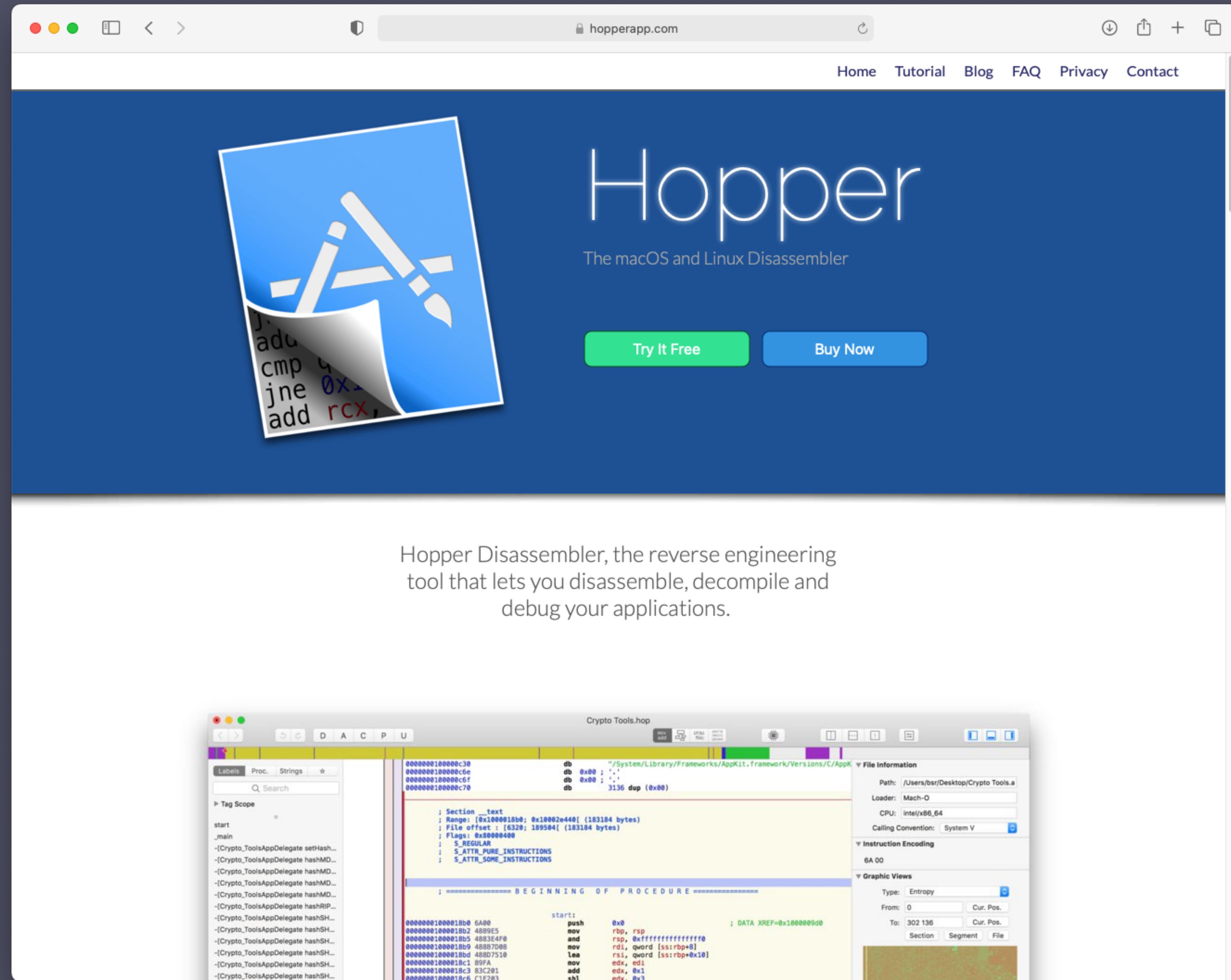
<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://www.mediasoftwareapps.com/sparkle/
catalystprepare-subscription-mac.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```

```
<key>SPARKLE_FEED_URL</key>
<string>https://www.mediasoftwareapps.com/sparkle/
catalystprepare-subscription-mac.xml</string>

<dict>
    <key>Processor</key>
    <string>SparkleUpdateInfoProvider</string>
    <key>Arguments</key>
    <dict>
        <key>appcast_url</key>
        <string>%SPARKLE_FEED_URL%</string>
    </dict>
</dict>
```



The screenshot shows the Hopper Disassembler application window. The title bar reads "hopperapp.com". The menu bar includes "File", "Edit", "Labels", "Proc.", "Strings", "Search", "Tag Scope", "start", "_main", and "[Crypto_ToolsAppDelegate setHash...]. The main pane displays assembly code for a procedure named "start". The assembly code includes instructions like push, mov, and add. To the right of the assembly pane are several panels: "File Information" showing the path as "/Users/bsr/Desktop/Crypto Tools.a", loader as Mach-O, CPU as intel/x86_64, and calling convention as System V; "Instruction Encoding" showing 6A 00; and "Graphic Views" showing an entropy graph. The bottom right corner of the window has a watermark that says "dataJAR Beyond Device Management".

Home Tutorial Blog FAQ Privacy Contact

Hopper

The macOS and Linux Disassembler

Try It Free Buy Now

Hopper Disassembler, the reverse engineering tool that lets you disassemble, decompile and debug your applications.

Crypto Tools.hop

File Information

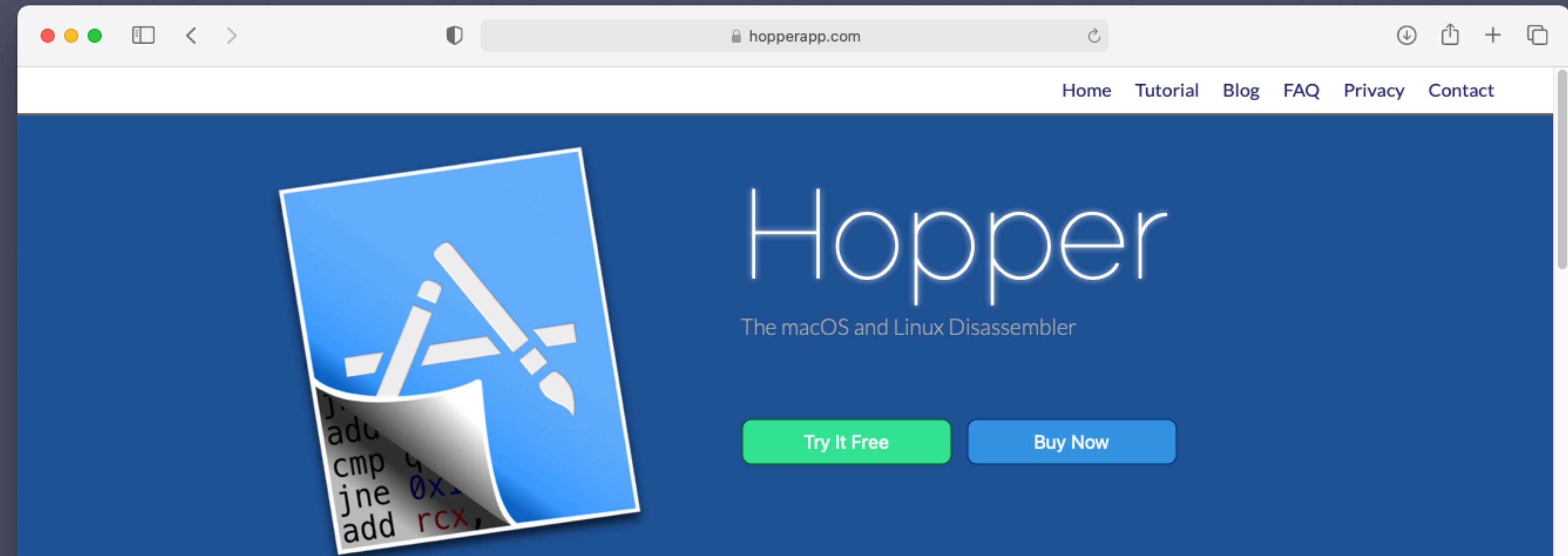
Path: /Users/bsr/Desktop/Crypto Tools.a
Loader: Mach-O
CPU: intel/x86_64
Calling Convention: System V

Instruction Encoding

6A 00

Graphic Views

Type: Entropy
From: 0 Cur. Pos.
To: 302 136 Cur. Pos.
Section Segment File

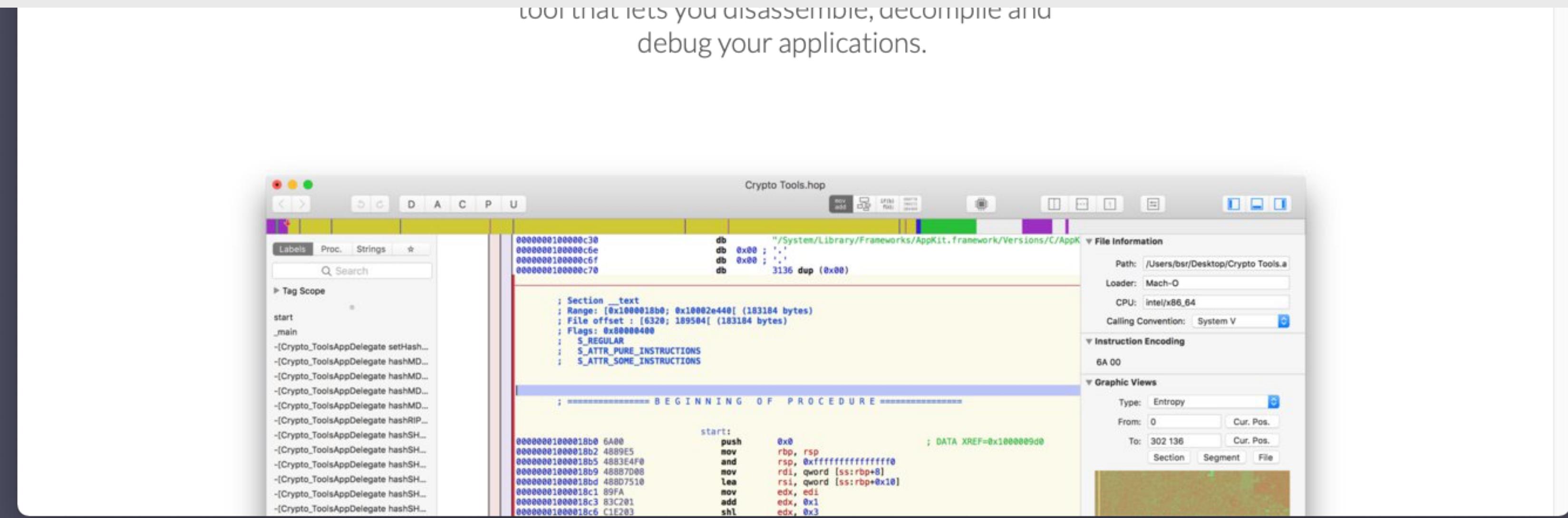


Great Exploration Utility★★★★★

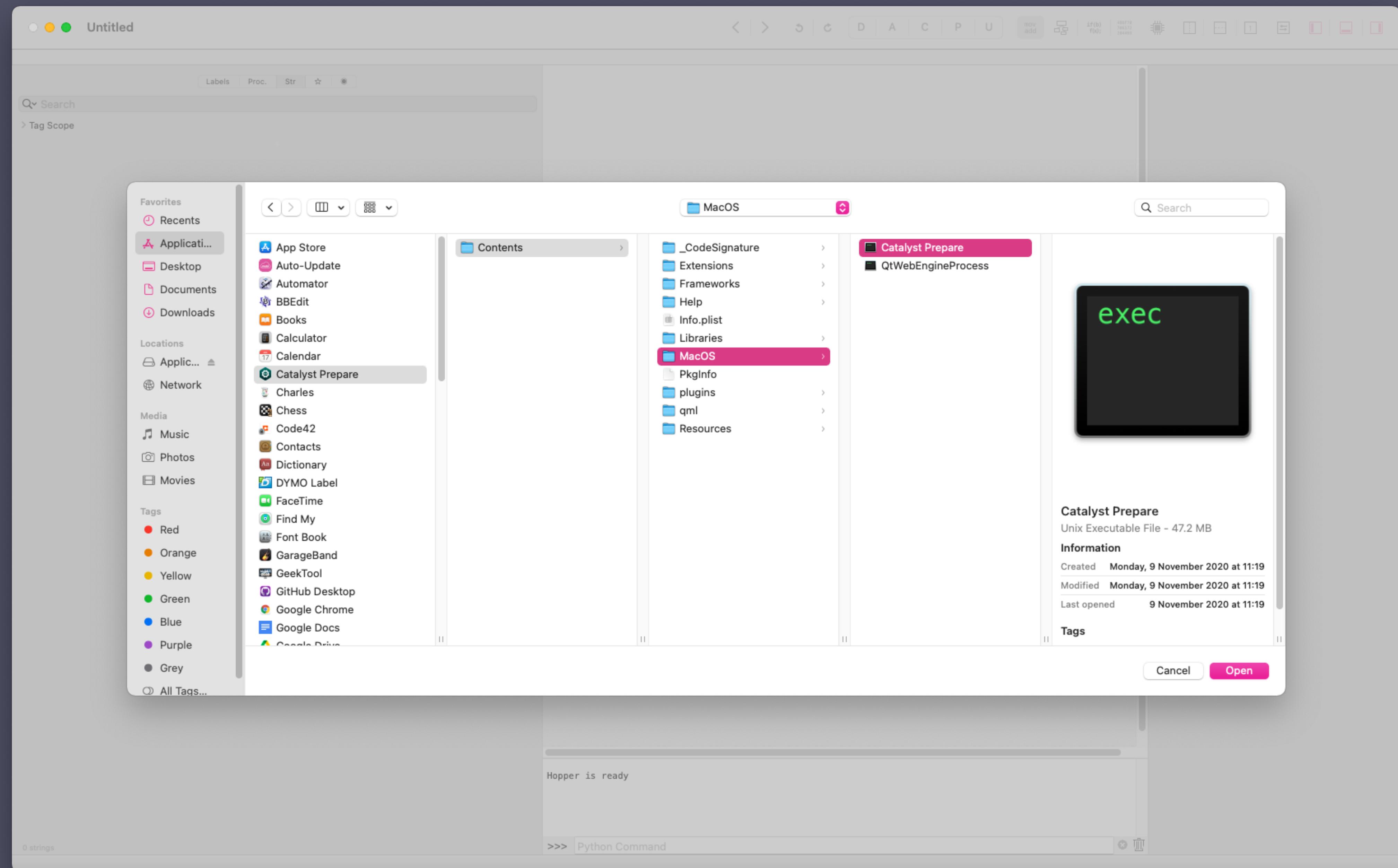
by marczak

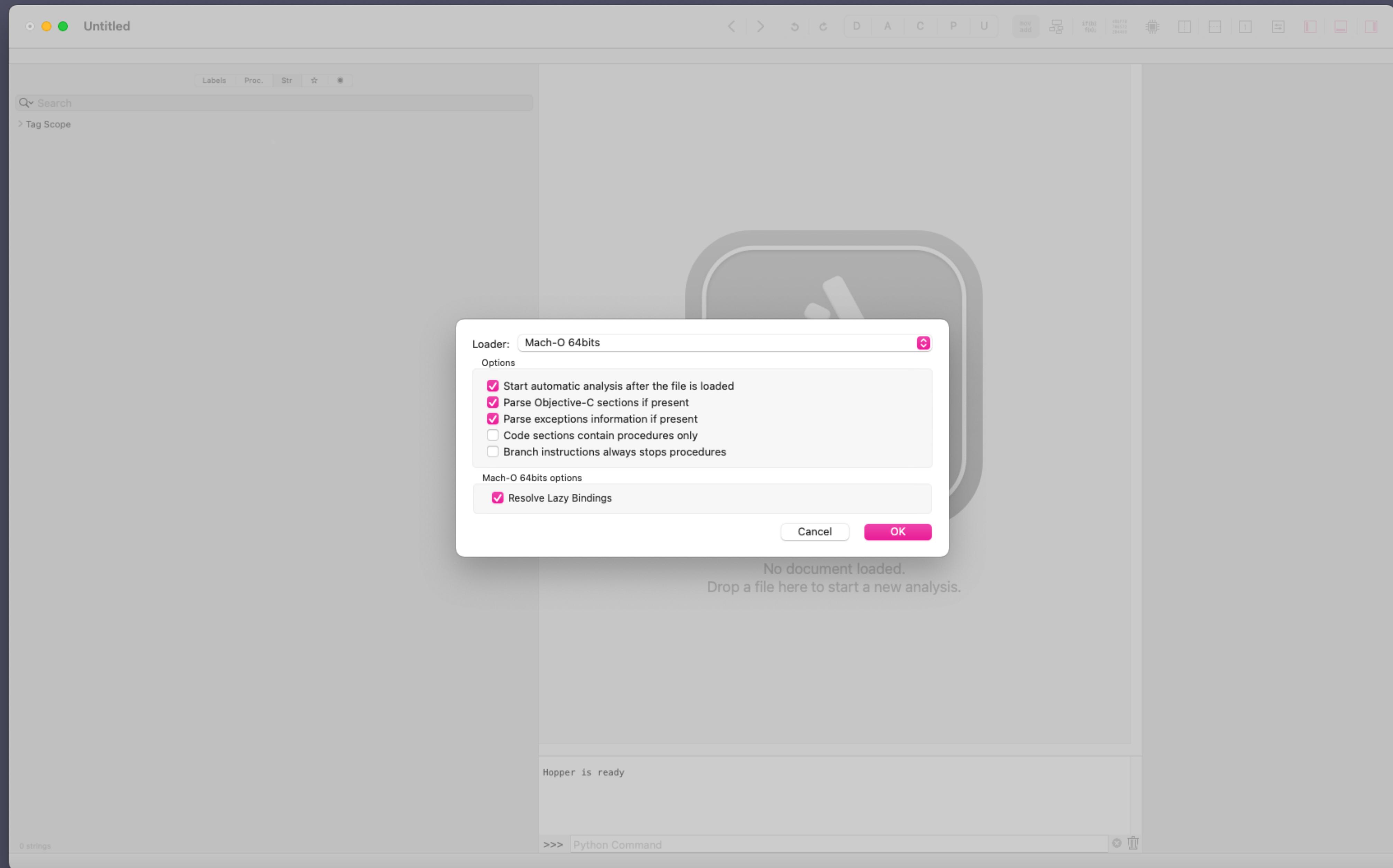
Fantastic tool that keeps getting better. Hopper is an affordable disassembler that supports scripting (in Python). A great tool if you ever need to take apart code for debugging, or just learning. Disassembles Mach-O, ARM, and Windows binaries.

TOOL THAT LETS YOU DISASSEMBLE, DECOMPILE AND
DEBUG YOUR APPLICATIONS.



- New ⌘ N
- Open... ⌘ O
- Open Recent >
- Close ⌘ W
- Save ⌘ S
- Save As... ⌘⌘ S
- Import Types...
- Export Types...
- Import Types from C-like Header File...
- Export Objective-C Header File...
- Produce Assembly Text File...
- Produce Assembly For Current Procedure...
- Produce Assembly For Current Selection...
- Produce Pseudo-Code File For Current Procedure...
- Produce Pseudo-Code File For All Procedures...
- Read Executable to Disassemble... ⌘⌘ O**
- Produce New Executable... ⌘⌘ E
- Read Debug Symbols File...
- Load Additional Binary...





Catalyst Prepare.hop

Labels Proc. Str ⚡

Q Search

Tag Scope

Address	Type	Name
0x100000000	S	__mh_execute_header
0x100000c34	A	aUsrllibdyld
0x100000cb0	A	aSystemlibraryf
0x100000d10	A	aSystemlibraryf
0x100000d68	A	aSystemlibraryf
0x100000dd0	A	aSystemlibraryf
0x100000e28	A	aSystemlibraryf
0x100000e90	A	aSystemlibraryf
0x100000ee8	A	aSystemlibraryf
0x100000f48	A	aSystemlibraryf
0x100000fb0	A	aSystemlibraryf
0x100001018	A	aSystemlibraryf
0x100001078	A	aSystemlibraryf
0x1000010d8	A	aSystemlibraryf
0x100001140	A	aSystemlibraryf
0x1000011a0	A	aSystemlibraryf
0x100001210	A	aSystemlibraryf
0x100001270	A	aSystemlibraryf
0x1000012e0	A	aSystemlibraryf
0x100001348	A	aSystemlibraryf
0x100001398	A	aSystemlibraryf
0x1000013f0	A	aExecutablepath
0x100001440	A	aExecutablepath
0x100001488	A	aUsrllibcurl4
0x1000014c0	A	aRpathlibqt5cor
0x1000014f8	A	aRpathlibqt5gui
0x100001530	A	aRpathlibqt5wid
0x100001568	A	aRpathlibqt5qui
0x1000015a0	A	aRpathlibqt5qml
0x1000015d8	A	aRpathlibqt5net
0x100001610	A	aRpathlibqt5ope
0x100001648	A	aRpathlibqt5scr
0x100001680	A	aRpathlibqt5scr
0x1000016c0	A	aRpathlibqt5web
0x1000016f8	A	aRpathlibqt5sql
0x100001730	A	aRpathlibqt5pos
0x100001770	A	aRpathlibqt5web
0x1000017b0	A	aRpathlibqt5web
0x1000017f0	A	aRpathlibqt5pri
0x100001830	A	aRpathlibqt5xml
0x100001868	A	aRpathlibqt5xml
0x1000018a8	A	aSystemlibraryf
0x100001910	A	aSystemlibraryf
0x100001968	A	aSystemlibraryf

000000010218a4a8 db "2signalChange(FolderImportDriveModel::EChangeType, int)"
000000010218a4e0 db "1onSignalChange(FolderImportDriveModel::EChangeType, in
aFolderimportdr_10218a51a: // aFolderimportdr
000000010218a51a db "FolderImportDriveModel::TVolumePtrVec", 0 ; DATA XREF=
aFolderimportdr_10218a540: // aFolderimportdr
000000010218a540 db "FolderImportDriveModel::EChangeType", 0 ; DATA XREF=
aFilename:
db "fileName", 0 ; DATA XREF=
aFilepath:
db "filePath", 0 ; DATA XREF=
aItemtype:
db "itemType", 0 ; DATA XREF=
aRescatsplashpr:
db(":/res/CatSplash_Prepare_Hex.png", 0 ; DATA XREF=
aRescatsplashpr_10218a59f: // aRescatsplashpr
000000010218a59f db(":/res/CatSplash_Prepare_Hex@2x.png", 0 ; DATA XREF=
aPlugins:
db "/plugins", 0 ; DATA XREF=
aHttpswwwmedias_10218a5cb: // aHttpswwwmedias
000000010218a5cb db "https://www.mediasoftwareapps.com/sparkle/beta/?appName"
aHttpswwwmedias_10218a629: // aHttpswwwmedias
000000010218a629 db "https://www.mediasoftwareapps.com/sparkle/?appName=cata
aZhk:
db "zh-HK", 0 ; DATA XREF=
aZhtw:
db "zh-TW", 0 ; DATA XREF=
a2messagereceive:
db "2messageReceived(const QString&)", 0 ; DATA XREF=
a1handleregmess:
db "1handleRegMessage(const QString&)", 0 ; DATA XREF=
aSoregqtcontrol:
db "SoRegQtController", 0 ; DATA XREF=
aNotCreatable:
db "not creatable", 0 ; DATA XREF=
aQrcqmlmainqml:
db "qrc:///qml/main.qml", 0 ; DATA XREF=
a2enterfullscre:
db "2enterFullscreen()", 0 ; DATA XREF=
a1enterfullscre:
db "1enterFullscreen()", 0 ; DATA XREF=
a2leavefullscre:
db "2leaveFullscreen()", 0 ; DATA XREF=
a1leavefullscre:
db "1leaveFullscreen()", 0 ; DATA XREF=
a2togglefullscr:
db "2toggleFullscreen()", 0 ; DATA XREF=
a1togglefullscr:
db "1toggleFullscreen()", 0 ; DATA XREF=
a2minimize:
db "2minimize()", 0 ; DATA XREF=
a1minimize:
db "1minimize()", 0 ; DATA XREF=

181727 labels

Address 0x10218a5cb, Segment __TEXT, aHttpswwwmedias_10218a5cb + 0, Section __cstring, file offset 0x218a5cb - Alt+Double Click to follow link in a new pane

File Information

Path: /Applications/Catalyst Prepare.app/Cor
Loader: Mach-O
CPU: intel/x86_64
Branch instructions always stop process
CPU Syntax Variant: Intel
Calling Convention: System V

Address Information

Type: ASCII
Prolog Heuristic: Not a procedure prolog
Prolog Mode: Use Heuristic

Navigation History

0x100123760 (_main)
0x10218a5cb (aHttpswwwmedias_10218a5cb)
0x10218a629 (aHttpswwwmedias_10218a629)

Clear Navigation Stack

Graphic Views

Comment

Colors and Tags

Area: Set Clear
Procedure: Set Clear
Address:
Block:
Procedure:

Manage Tags

Is Referenced By

Address instruction
0x100123281 lea rsi, qword [aHttps...]

1 reference
Remove Reference Add Reference

>>> Python Command

Working...

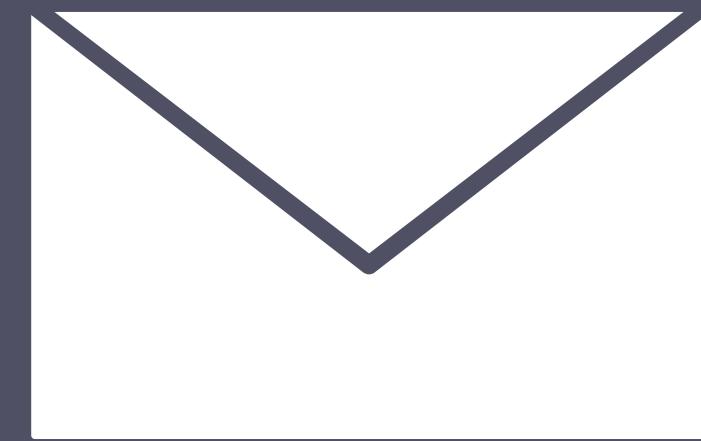
The screenshot shows the Catalyst Prepare.hop debugger interface. The main window displays assembly code in the center, with memory dump and registers sections on the left and right respectively. A navigation bar at the top includes buttons for Labels, Proc., Str, and Python Command. The status bar at the bottom shows the number of strings analyzed (12413) and the current assembly pass (7/10). The right side features several panels: File Information, Address Information, Navigation History, Graphic Views, Comment, Colors and Tags, and Is Referenced By. The Is Referenced By panel shows a table with one entry: Address 0x100123281, instruction lea rsi, qword [aHttpsw...]. A large watermark for 'Demovision' is visible across the entire screen.

The screenshot shows the Demovs debugger interface with several panes:

- Top Bar:** Includes file navigation (Back, Forward, Home, Stop, Go), assembly sections (D, A, C, P, U), memory operations (mov add, if(b) f(x)), and a status bar with file offset (0x218a629), instruction count (48678), and memory size (786572).
- Left Panel:** Shows a search bar for "https://". Below it is a "Tag Scope" section listing URLs such as https://www.mediasoftwareapps.com/registration/s3_subscription/handshake.aspx, https://msatest.sonymediasoftware.com/registration/s3_subscription/handshake.aspx, and https://www.mediasoftwareapps.com/registration/s3_plugins/.
- Center Panel:** Displays assembly code in green and blue font. The current instruction is highlighted in blue: `000000010218a4a8 db "2signalChange(FolderImportDriveModel::EChangeType, int)`. The assembly code continues with various labels and data definitions.
- Right Panel:** Contains several sections:
 - File Information:** Path: /Applications/Catalyst Prepare.app/Cor, Loader: Mach-O, CPU: intel/x86_64.
 - Address Information:** Type: ASCII, Prolog Heuristic: Not a procedure prolog, Prolog Mode: Use Heuristic.
 - Navigation History:** List of memory addresses: 0x100123760 (_main), 0x10218a5cb (aHttpswwwmedias_10218a5cb), 0x10218a629 (aHttpswwwmedias_10218a629), 0x10218a5cb (aHttpswwwmedias_10218a5cb). A "Clear Navigation Stack" button is present.
 - Graphic Views:** Section for viewing graphical representations of data.
 - Comment:** A large empty text area for comments.
 - Colors and Tags:** Buttons for setting colors for Area, Procedure, Address, Block, and Procedure.
 - Is Referenced By:** Shows a reference from address 0x1001232c6 to the instruction at 0x10218a629.

At the bottom, there's a status bar with "12413 strings" and a Python Command input field with the placeholder "1 reference Remove Reference Add Reference".

One More thing...



One More thing...

macmule.com

FOSSHUB & AUTOPKG



A few years ago FossHub's Terms of Service (read: TOS) did not allow for automated downloads.

This has changed recently, with details on how to now download from FossHub via AutoPkg below.

Contents [hide]

- 1 What happened?
- 2 What changed?
- 3 So, is there a secret handshake or...?
- 4 Do you have an example recipe?
- 5 Why am I getting "Processor: URLDownloader: Error: Curl failure: The requested URL returned error: 403 (exit code 22)" errors?

What happened?

The details of the original change to not allow for automated downloads, is detailed some [here](#).

What changed?

The TOS changed in the second half of 2018, with the below noted in the TOS's [exceptions](#) section:

If you wish to retrieve files from www.fosshub.com using an automated tool or script with the purpose of redistributing them on your internal network, download server, download mirror, CDN or any other similar service we might allow you to do this under the following conditions:

macadmins.software

Downloads Documents Tools Preferences Matrix Mac App Store MAU Status msupdate Calendar Update Size CVE Counter Silicon/M1 Videos Articles A-Team

Microsoft Mac Downloads

Page Last Updated: May 1, 2021 @ 7:23am Pacific Time

All links on this page point to Microsoft's official download on its Content Delivery Network (CDN).

Office Product Release	License Type	Office Version	Build	Part Number	Download
Office 365	Subscription	16.48.0	16.48.21041102 64-bit Universal 2	Subscription	Download
Office 365 Business Pro	Subscription	16.48.0	16.48.21041102 64-bit Universal 2	Subscription (inc Teams)	Download
Office 2021 (Preview) Volume License Serializer	Perpetual	16.48.0	VL Serializer 4.0 64-bit Universal 2	Preview Expires January 17, 2022	Download
Office 2019 Volume License Serializer	Perpetual	16.48.0	VL Serializer 3.0 64-bit Universal 2	X22-61752	Download
Office 2019 Volume License	Perpetual	16.48.0	16.48.21041102 64-bit Universal 2	X21-74715	Download
Office 2019 Home & Student Retail	Perpetual	16.48.0	16.48.21041102 64-bit Universal 2	X21-74729	Download

[Click here for information about the Microsoft Office 2021 \(Preview\) for Mac](#)

Latest Installers [Raw XML](#)

Latest Released Package	Last Updated	CFBundle Version	CFBundle ShortVersionString	CFBundle Identifier	Minimum OS	SHA1 / SHA256 Hash	Worldwide Download
Office 365/2019 Suite Installer (Word / Excel / PowerPoint / Outlook / OneNote / OneDrive / MAU)	April 13, 2021	16.48.21041102	16.48	NA	10.14	c3790619faa1fc99a86677b6879daf0f6d812883 5e78cf692b8925a48e0b9f50402874f12293955444b4e6eace9505a4a5969379	
Office 365 BusinessPro Suite Installer (Word / Excel / PowerPoint / Outlook / OneNote / OneDrive / Teams / MAU)	April 13, 2021	16.48.21041102	16.48	NA	10.14	3da88baa3e9b79efb7e0ce341453187532f2e3ff f3f90d52455b6183a3f64d914937987cac6a6b85fc4fef72bf3cdc67074f31b4	
Word 365/2019 Standalone Installer	April 13, 2021	16.48.21041102	16.48	com.microsoft.Word	10.14	67aaacf2b582c62a5cd074f4af58d5187867355d f271cb41ca761cb66b65e1fa9eac16ac9655b63f4f675c7759f0a139a7c087ab	
Excel 365/2019 Standalone Installer	April 13, 2021	16.48.21041102	16.48	com.microsoft.Excel	10.14	32ea9f2c65dbd9124fd80e98ce96eba5c30e2f0a 0fc8c3a884f69e031f3dc627f31d4cdb071f0788809a4d34a8551fe89ab65f38	
PowerPoint 365/2019 Standalone Installer	April 13, 2021	16.48.21041102	16.48	com.microsoft.Powerpoint	10.14	5b15ccb50a39112eca947cf57b8cf95f299daa78 f10987d756a914df264c8177cc20216146057cd8274d9c654b572533aa96457c	
Outlook 365/2019 Standalone Installer	April 13, 2021	16.48.21041102	16.48	com.microsoft.Outlook	10.14	11d70863a8375a200831447e89fdbed33c69c2bd 7012a8045a51871924alcd383697be2a77f0f2ela1766ed5c5723f89557ac08	
OneNote Free Standalone Updater	April 13, 2021	16.48.21041102	16.48	com.microsoft.onenote.mac	10.14	289c20e70f3139ec040b1fdc7b5bdfc2524cf3cc 3f408b0045ec2df2e5040516d3bd9e075eb83f449a47b1a3c3dd68c4fcba8e1	
OneDrive Standalone Installer Release Notes	April 12, 2021	21052.0314.0001	21.052.0314	com.microsoft.OneDrive	10.12	513ff7f61a8f11500d08a05ddaa0ed6b878be825 5eb91bf3ce02c71e7d970767a703d9db72582b776elabee24b667ff925b3bdbd	
Skype for Business Standalone Installer Whats New	January 25, 2021	16.29.42	16.29.42	com.microsoft.SkypeForBusiness	10.11	3cb7acef6e45bc1c0dde5e11479aba6122c108f2 d9724e6652361915ef73b70f54a915f5f0971f6da56e148fad5486e1de1a0a8b	
Teams Standalone Installer	April 26, 2021	410515	1.00.410515	com.microsoft.teams	10.11	457438c15a72e66a53d37f16277b2758a2b7396e 53d2ee7c6352115fb4acd188a9907da688a71a30e16a2d2c33af3f06587f39a	
Intune Company Portal Standalone Installer Release Notes	April 22, 2021	52.2104476.000	2.15.210400	com.microsoft.CompanyPortalMac	10.13	48e84d3ad9a39977dbf03e8ee6fe95aee3163c16 db04c3d5c09cc095f1e93a242d4f53067cd16c7efb1ed344da95bbd7c5de984e	
Edge Stable Channel Installer Release Notes	April 29, 2021	90.818.21042751	90.0.818.51	com.microsoft.edgemac	10.12	55362d313bd092612c76cc83c8feld652d2faa8b 98dfd07f18d0a61f557062201e0fb24375aa41ee6a21ff1cfa5f539eab6aeef13	
Defender Standalone Installer	April 23					f10829d6795bb62422e21022ed94e5f7b5f644ed9	



#autopkg



<https://github.com/dataJAR/MacDevOpsYVR2021>
