

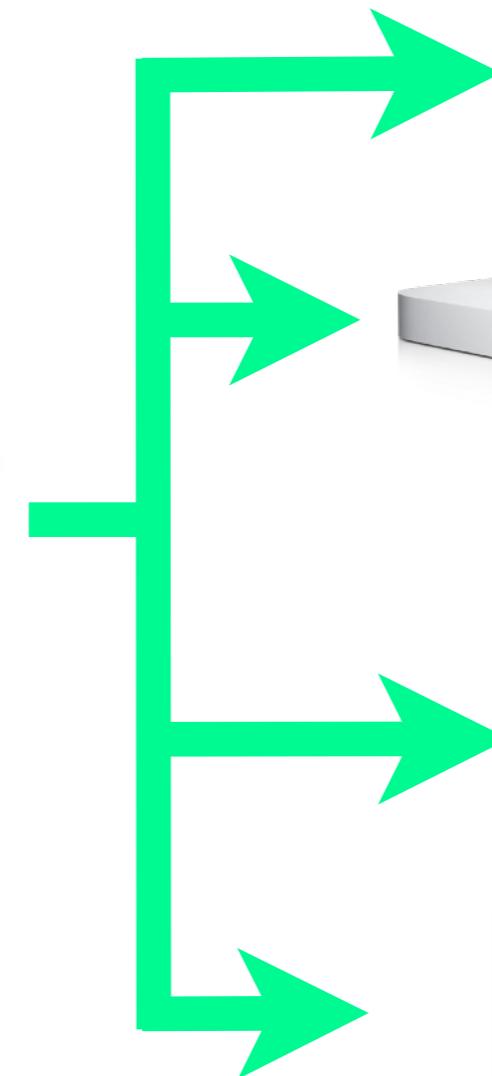
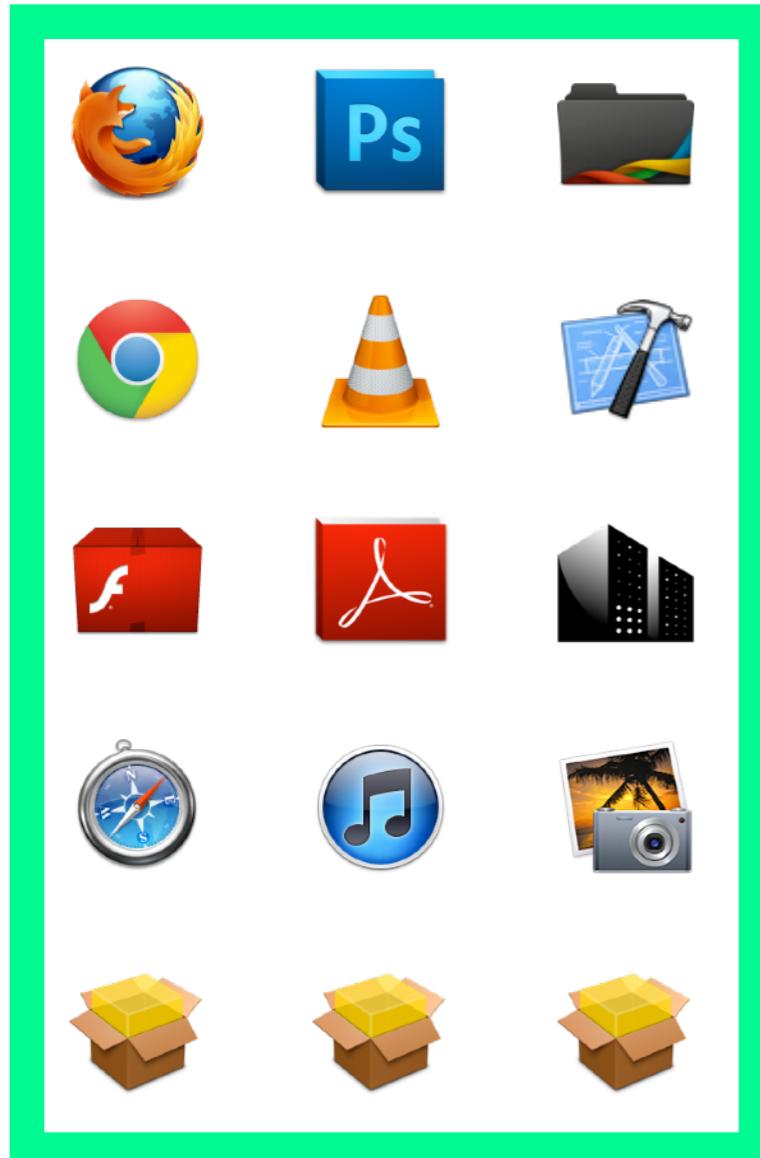
The background of the image is a clear blue sky with a few wispy white clouds. In the upper right quadrant, a bright, thin crescent moon is visible, partially illuminated by the sun.

AutoPkg + Munki

You have a lot of work to do.



There's a lot of software
to install.



But you are never done.

There are always updates.

There are a lot of
updates.



How do you find out about
updates?



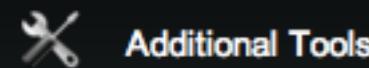
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Products



Office 2011



Additional Tools

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AutoUpdate for Mac

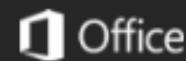
Keep your software up to date automatically with Microsoft Office AutoUpdate for Mac.

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Office Web Apps

Extend your Office for Mac experience to the Web.

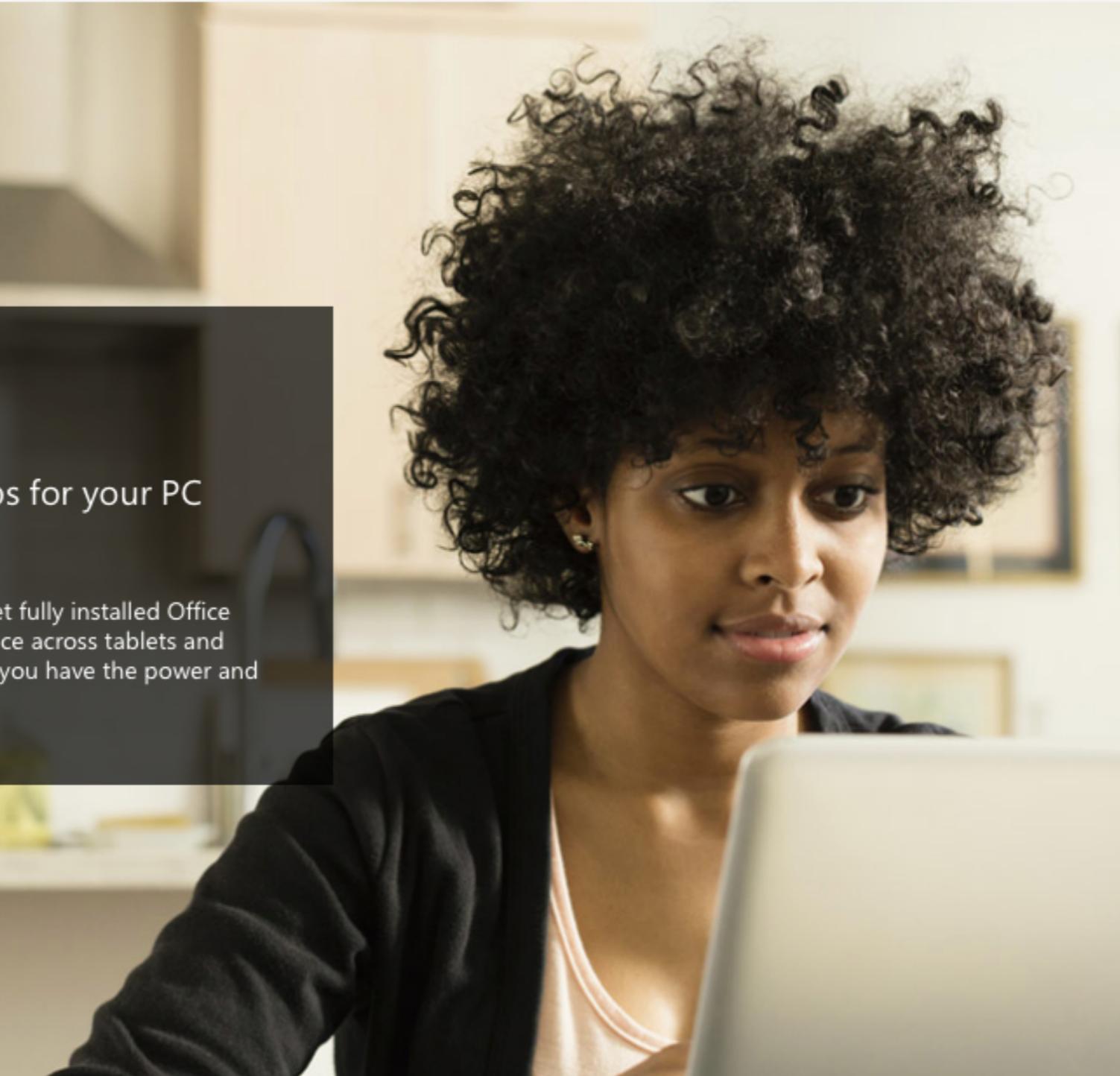
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FREE

Date: 12/4/2015

This update fixes critical issues and also helps to improve security. It includes fixes for vulnerabilities that an attacker can use to overwrite the ...



[Update for Microsoft Office 2016 \(KB2920684\) 32-Bit Edition](#)

FREE

Date: 12/1/2015

Microsoft has released an update for Microsoft Office 2016 32-Bit Edition. This update provides the latest fixes to Microsoft Office 2016 32-Bit Edition...



[Update for Microsoft Office 2016 \(KB2920684\) 64-Bit Edition](#)

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Date: 12/1/2015

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[Update for Microsoft Office 2013 \(KB3114346\) 32-Bit Edition](#)

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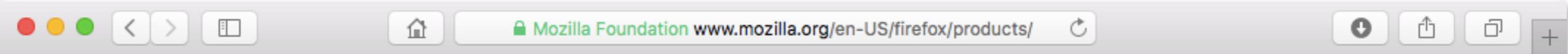
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Choose Independent. Choose Firefox.

DOWNLOAD



Free yourself
with **Firefox®**



Firefox for desktop »
Trusted. Flexible. Fast.

The image shows two web browser windows side-by-side, comparing the Mozilla Firefox and Google Chrome websites.

Mozilla Firefox Website (Left):

- Title Bar:** Mozilla Foundation www.mozilla.org/en-US/firefox/products/
- Header:** Choose Independent. Choose Firefox. [DOWNLOAD](#)
- Image:** A large, stylized orange fox running across the page, with the Mozilla logo in the top right corner of its tail.
- Text:** Free yourself with **Firefox®**
- Call-to-action:** [Firefox for desktop »](#) Trusted. Flexible. Fast.
- Mobile View:** An image of a smartphone displaying the Firefox mobile interface.
- Call-to-action:** [Firefox for Android »](#)

Google Chrome Website (Right):

- Title Bar:** www.google.com/chrome/
- Header:** chrome [DOWNLOAD](#) [SET UP](#) [CHROMEBOOKS](#) [CHROMECAST](#)
- Image:** A large image of a laptop screen showing the Chrome browser interface.
- Text:** chrome
The fast, free browser that's built for the modern web.
- Call-to-action:** [Download now](#)
- Callouts:** Lightsaber Escape, Chromebook: For Everyone, Everywhere, Kick with Chrome
- Footer:** PRODUCTS, BUSINESSES, EDUCATION, DEV AND PARTNERS, LATEST NEWS

Where's the version number?

The image shows two browser windows side-by-side, comparing the Mozilla Firefox and Google Chrome websites.

Mozilla Firefox Website (Left):

- The title bar says "Mozilla Foundation www.mozilla.org/en-US/firefox/products/".
- The main heading is "Choose Independent. Choose Firefox." with a "DOWNLOAD" button.
- A large orange fox logo is prominently displayed.
- The text "Free yourself with Firefox®" is visible.
- Below the fox, there are links for "Firefox for desktop »" (Trusted. Flexible. Fast.) and "Firefox for Android »".

Google Chrome Website (Right):

- The title bar says "www.google.com/chrome/".
- The main heading is "chrome" with the subtext "The fast, free browser that's built for the modern web."
- A "Download now" button is present.
- Below the heading, there are three promotional cards: "Lightsaber Escape", "Chromebook: For Everyone, Everywhere", and "Kick with Chrome".
- At the bottom, there are navigation links for "PRODUCTS", "BUSINESSES", "EDUCATION", "DEV AND PARTNERS", and "LATEST NEWS".

versiontracker.com?

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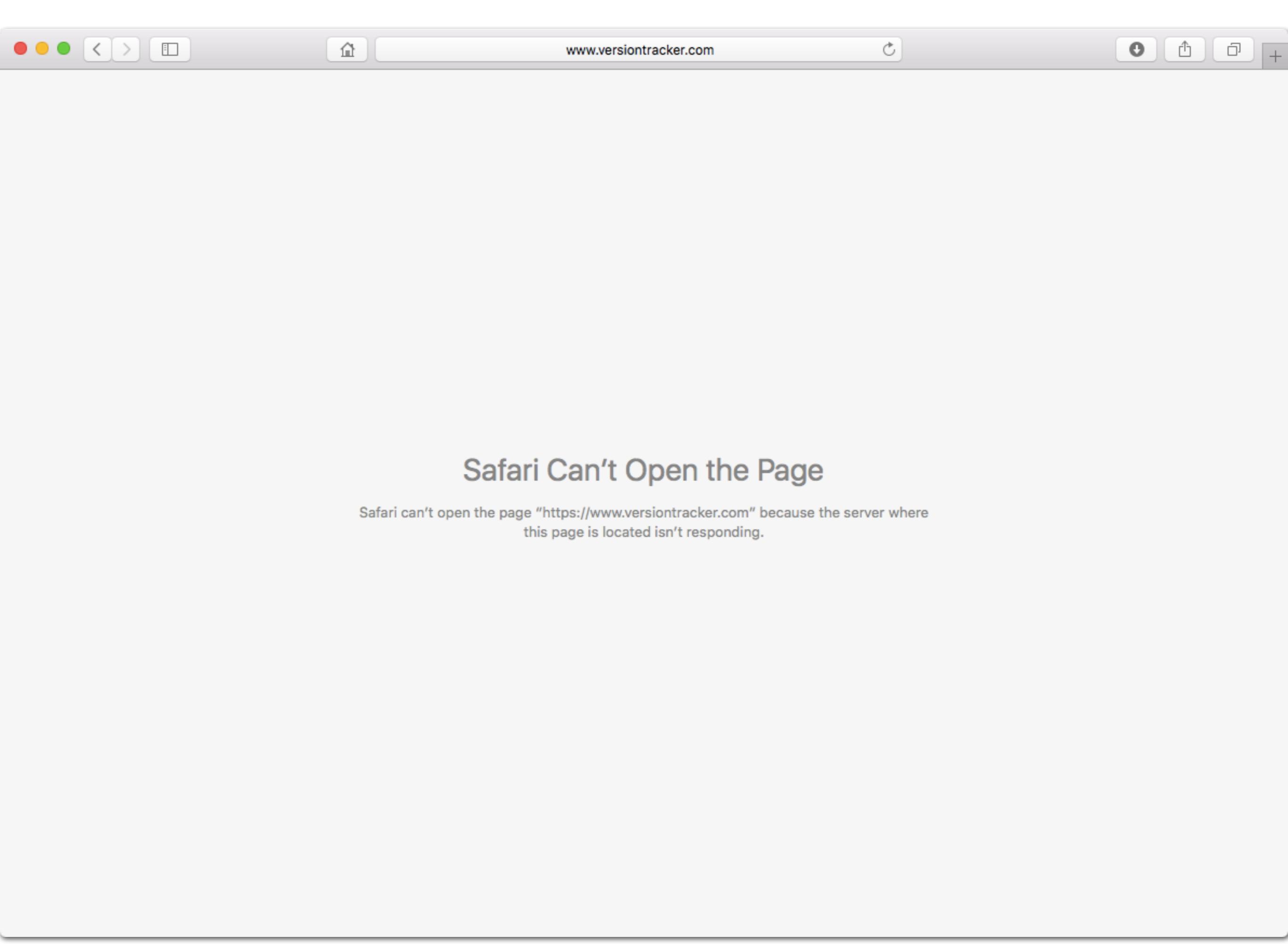
Today - Friday, March 27, 2009 - 51 updates

Mozilla Firefox 3.0.8 - Surf the Web with this lean and fast open-source browser.[17.3M](#)[Freeware](#)**Billiards 4.0** - Smooth 9-ball, 8-ball & 3-ball billiards simulation.[10.7M](#)[Shareware](#)**FmPro Migrator 4.74** - Migration tool for FileMaker Pro.[21.3M](#)[Shareware](#)**MacVector 10.6** - Molecular biology sequence analysis program.[34.8M](#)[Update](#)**BatchXSLT for InDesign (OSX) 1100C1** - Export InDesign to xml & html, create flip page eBook web site.[118.1M](#)[Shareware](#)**Aobo Mac OS X Keylogger Standard 1.2** - Record keystrokes to a file.[537k](#)[Commercial](#)**Sync'Em 1.27** - Sync Exchange, Google and Apple contacts & calendars.[17.3M](#)[Shareware](#)**viJournal 2.2.1** - Enable personal journal with blogging and video support.[2.5M](#)[Shareware](#)**viJournal Lite 2.2.1** - Enable personal journal with blogging and video support.[1.7M](#)[Freeware](#)**Welcome!****Latest Blog Posts:**

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Safari Can't Open the Page

Safari can't open the page "https://www.versiontracker.com" because the server where this page is located isn't responding.

macupdate.com?

www.macupdate.com

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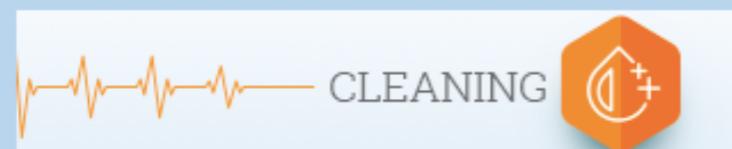
MacUpdate simplifies **finding, buying** and **installing** apps for your Mac

These Mac apps are great for going to school

Swift Publisher Circus Ponies NoteBook LibreOffice iStudiez Pro iProcrastinate Papers Sente Schoolhouse +3 more

Endurance Boost your Mac's battery

New Mac Software Updated 31 minutes ago Filter 3 Simple steps for Mac cleanup



iDoctor
Instant Mac Cleanup

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Firefox 43.0.3 • 29-Dec-2015

Fast, safe Web browser.



Install Now
w/MacUpdate Desktop



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82.9 MB

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Firefox offers a fast, safe Web browsing experience. Browse quickly, securely, and effortlessly. With its industry-leading features, Firefox is the choice of Web development professionals and casual users alike.

The Web, as it's meant to be experienced

Features

- **Faster than Safari.** Firefox stays speedy when other browsers become sluggish.
- **More private than Chrome.** Firefox respects your privacy by minimizing suggestive pop-ups.
- **Bursting with features.** Tabbed browsing, developer tools, extensions -- Firefox has [more...](#)

What's New

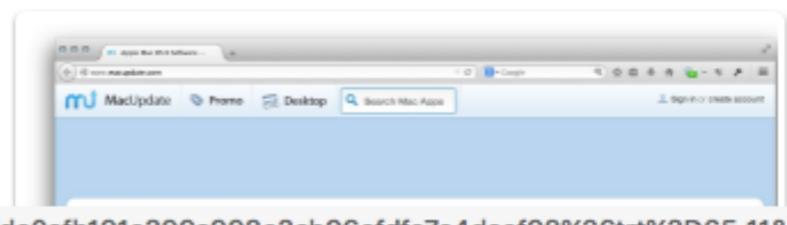
Version 43.0.3:

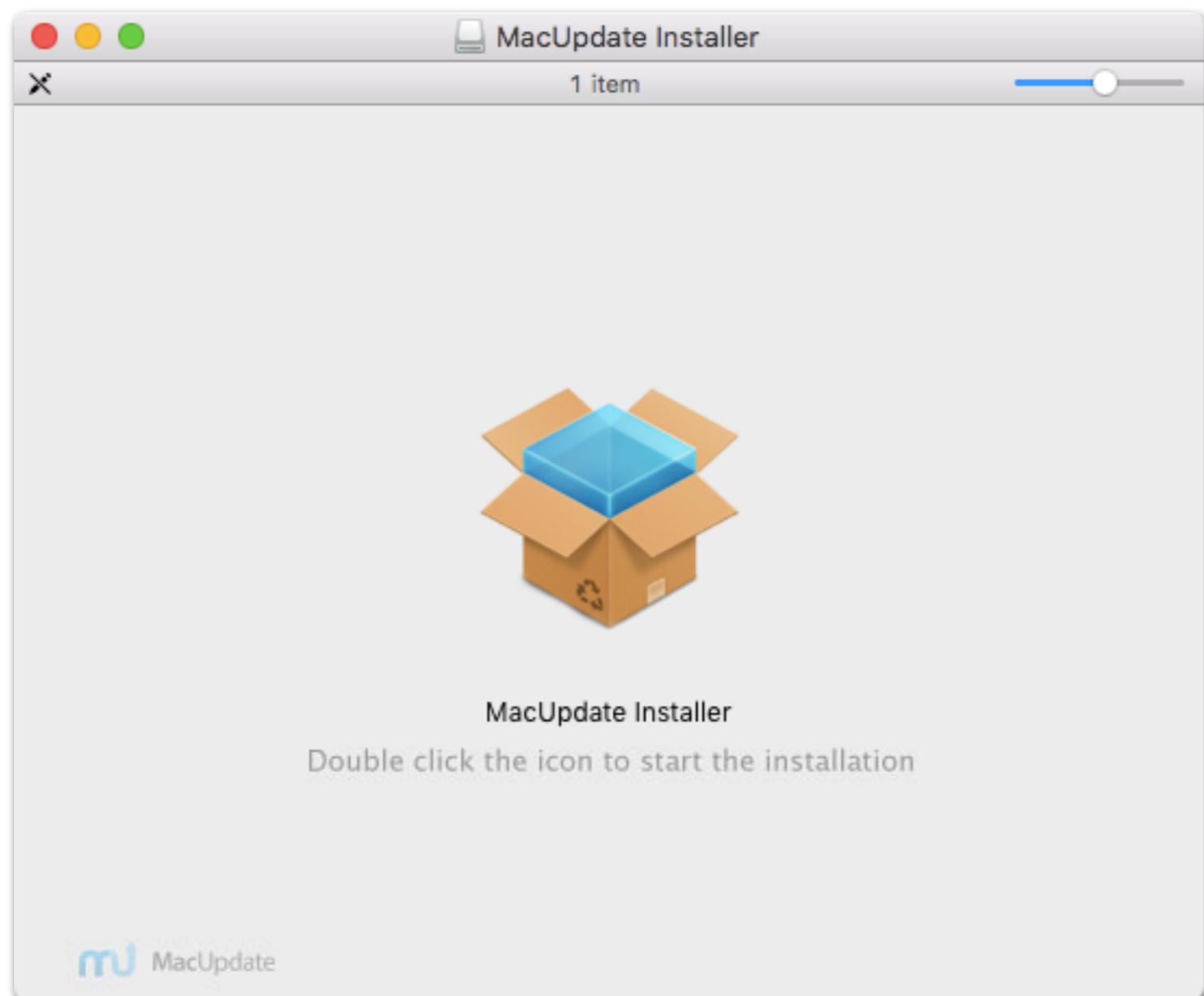
- Fix network issue when using Nvidia's Network Access Manager

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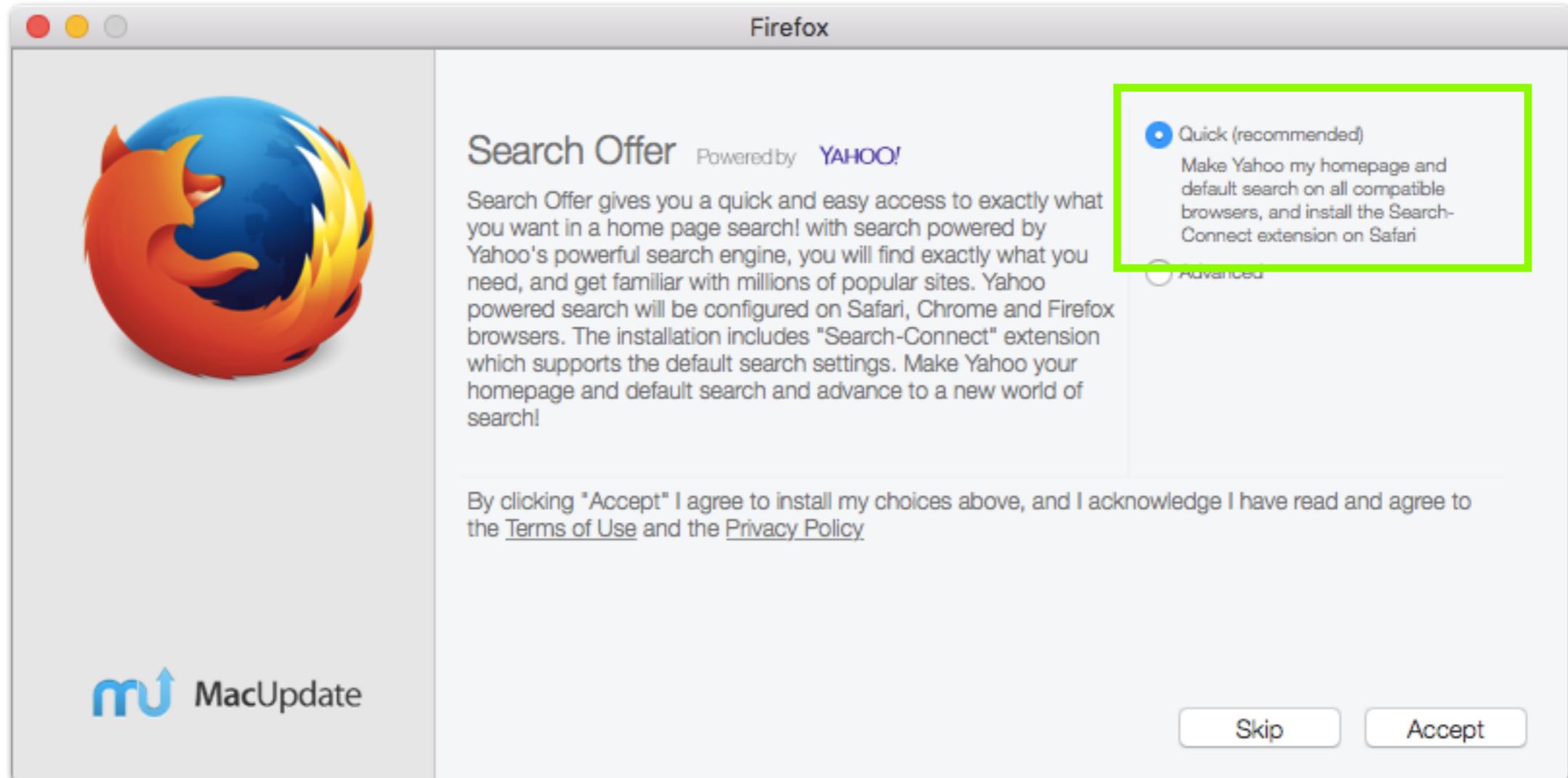
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Firefox [@firefox](#)
Rocking the free Web for the past 10 years as the only independent browser out there.
All over the world
[mozilla.org](#)
Joined March 2007

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The stars look very different today mzl.la/1ndREVi

Mozilla India [@MozillaIndia](#) · 1h
Tip of the day: Please Import saved pages from your old browser.

Firefox [@firefox](#) · Jan 8
January is all about online life organization

Adobe Flash Player [@AdobePlayer](#)
Adobe and community news from the Adobe Developer Relations Community team. Home Web : adobe.com/products/flash...
Joined February 2012

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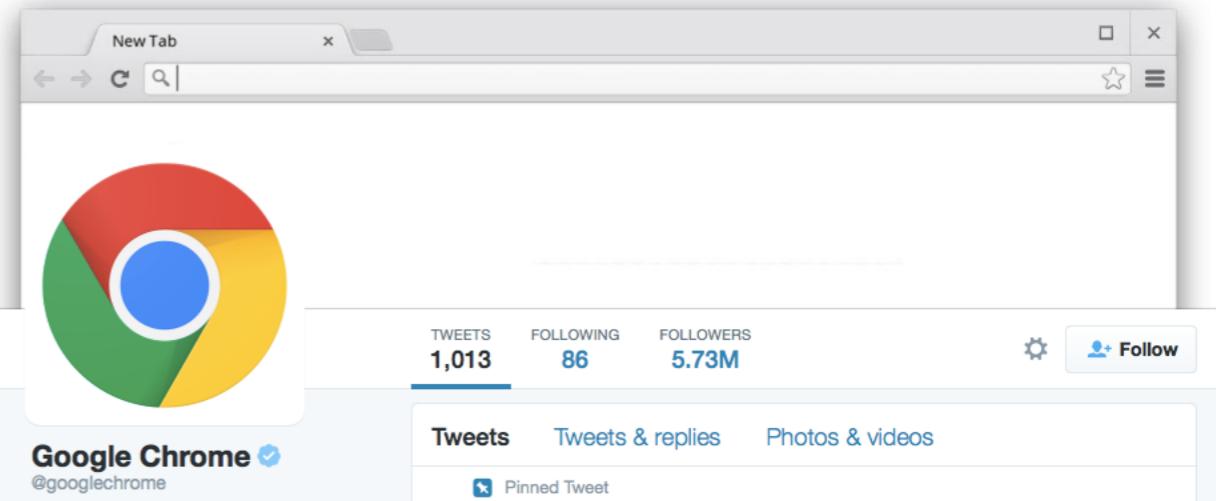
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New Tab

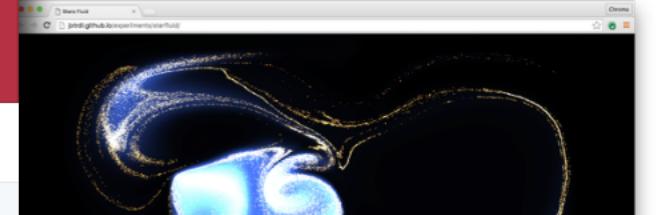


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Google Chrome [@googlechrome](#) · Jan 8
Want w/ sparkling particles in StarFluid, a WebGL @ChromeExp by Hann Troendle goo.gl/j3TWvT #fridayfun



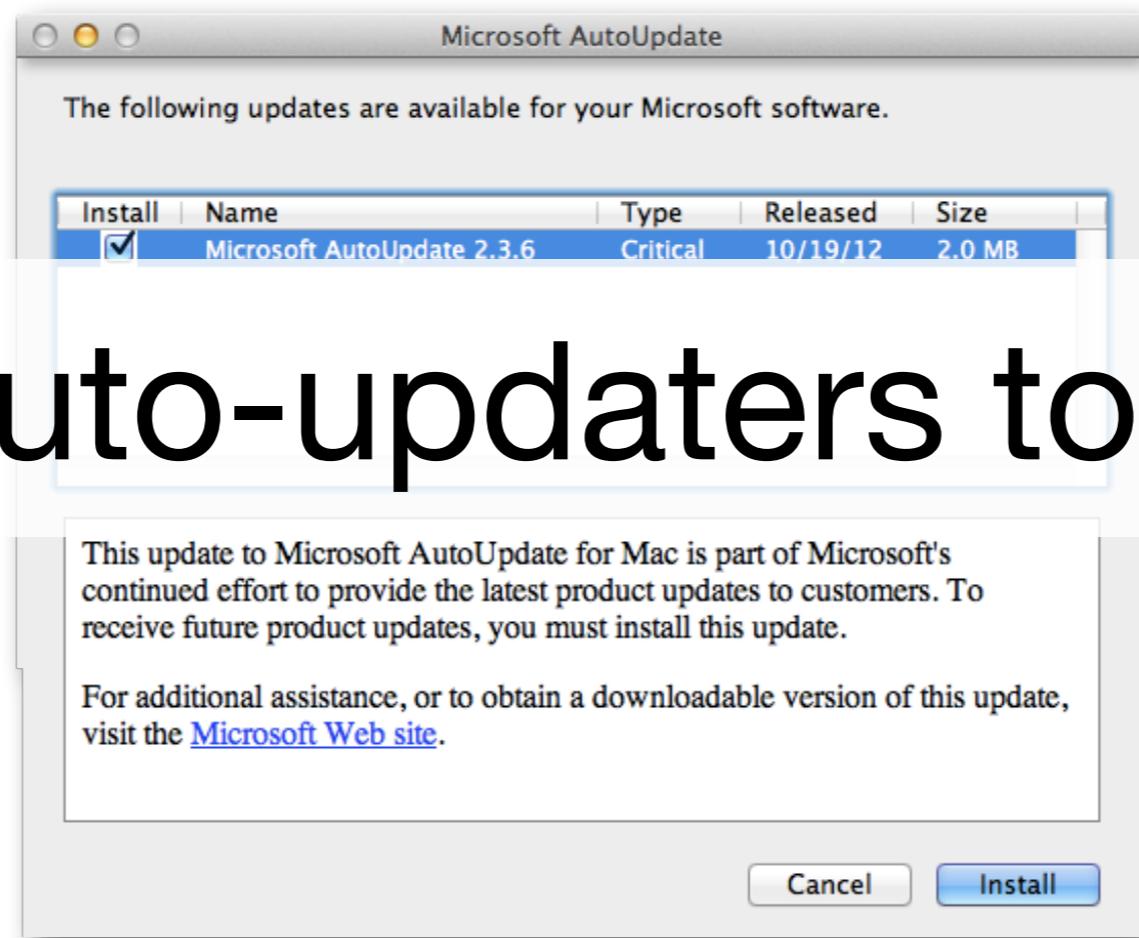
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Adobe Flash Player [@AdobePlayer](#) · 14 Jun 2014
SJP Network Solutions, LLC provides comprehensive networking, computer repair... sjpnetwork.com

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Promoted Tweet

Wait for auto-updaters to bug you?



“Firefox keeps telling
me to update...”

Wait for end-users to bug you?



We need an update strategy!

Repetitive tasks

- Finding
- Downloading
- Transforming
- Importing

Repetitive tasks

- Finding new updates
- Downloading updates
- Transforming downloads into pkgs or dmgs
- Importing pkgs or dmgs into Munki

Munki automates installing
updates to your fleet of machines.

Wouldn't it be nice to have a tool to:

- Find new updates
- Automate importing them into Munki?

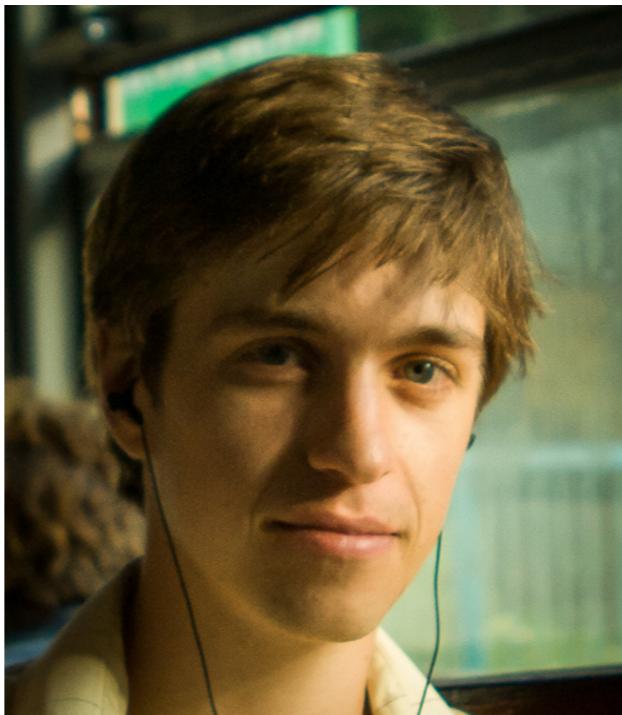
autopkg



Per Olofsson
[@MagerValp](https://twitter.com/MagerValp)



Greg Neagle
[@gregneagle](https://twitter.com/gregneagle)



Tim Sutton
[@tvsutton](https://twitter.com/tvsutton)

A screenshot of a web browser window displaying the AutoPkg GitHub Pages site. The URL in the address bar is autopkg.github.io/autopkg/. The page content includes a sidebar on the left with the AutoPkg logo and a "View On GitHub" button. The main content area features a large heading "AutoPkg", a description of the tool, and links to the wiki and discussion page.

AutoPkg

Automating tedious tasks since 2010!

[View On GitHub](#)

AutoPkg

AutoPkg is a system for automatically preparing software for distribution to managed clients. Recipes allow you to specify a series of simple actions which combined together can perform complex tasks, similar to Automator workflows or Unix pipes.

See [the wiki](#) for more information and full documentation.

Discussion of the use and development of AutoPkg is [here](#).

<http://autopkg.github.io/autopkg>

Download and install the latest installer package.

<https://github.com/autopkg/autopkg>

Configuration

Set the MUNKI_REPO preference to use recipes that can import to a Munki repository.

```
defaults write com.github.autopkg MUNKI_REPO /path/to/your/munki/repo
```

Usage

These are just a few examples. See [the wiki](#) for more usage info.

Run a recipe:

```
autopkg run recipename
```

autopkg runs recipes.

Recipes can:

- Find the latest version of a software item
- Download pkgs/dmgs
- Package (or repackage) downloads
- Import pkgs/dmgs into Munki/Casper/etc
- Install software

Package (or repackage) downloads

- Repackage Adobe AIR for automated deployment (even to non-boot volumes and at the loginwindow)
- Fix a broken preflight script for Adobe Reader
- Extract a deployment package from the Adobe Flash Player installer
- Fix versioning issues in Oracle Java packages

autopkg run Firefox.pkg

```
% autopkg run Firefox.pkg
```

```
Processing Firefox.pkg...
```

```
The following packages were built:
```

Identifier	Version	Pkg path
-----	-----	-----
org.mozilla.firefox.pkg	43.0.4	/Users/gneagle/Lib...

```
The following new items were downloaded:
```

Download Path

/Users/gneagle/Library/AutoPkg/Cache/ com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg

```
% autopkg run -v Firefox.pkg
```



```
% autopkg run -v Firefox.pkg  
Processing Firefox.pkg...  
MozillaURLProvider  
MozillaURLProvider: Found URL https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
```

```
% autopkg run -v Firefox.pkg
Processing Firefox.pkg...
MozillaURLProvider
MozillaURI Provider: Found URI https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
URLDownloader
URLDownloader: Storing new Last-Modified header: Wed, 06 Jan 2016 19:16:03 GMT
URLDownloader: Storing new ETag header: "61dfb5ae5416634cc16680a27a21c27f"
URLDownloader: Downloaded /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
```

```
% autopkg run -v Firefox.pkg
Processing Firefox.pkg...
MozillaURLProvider
MozillaURLProvider: Found URL https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
URLDownloader
URLDownloader: Storing new Last-Modified header: Wed, 06 Jan 2016 19:16:03 GMT
URLDownloader: Storing new ETag header: "61dfb5ae5416634cc16680a27a21c27f"
URI Downloader: Downloaded /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier
CodeSignatureVerifier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier: Verifying application bundle signature...
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: valid on disk
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: satisfies its Designated Requirement
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: explicit requirement satisfied
CodeSignatureVerifier: Signature is valid
```

```
% autopkg run -v Firefox.pkg
Processing Firefox.pkg...
MozillaURLProvider
MozillaURLProvider: Found URL https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
URLDownloader
URLDownloader: Storing new Last-Modified header: Wed, 06 Jan 2016 19:16:03 GMT
URLDownloader: Storing new ETag header: "61dfb5ae5416634cc16680a27a21c27f"
URLDownloader: Downloaded /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier
CodeSignatureVerifier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier: Verifying application bundle signature...
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: valid on disk
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: satisfies its Designated Requirement
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: explicit requirement satisfied
CodeSignatureVerifier: Signature is valid
AppDmgVersioner
AppDmgVersioner: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
AppDmgVersioner: BundleID: org.mozilla.firefox
AppDmgVersioner: Version: 43.0.4
```

```
% autopkg run -v Firefox.pkg
Processing Firefox.pkg...
MozillaURLProvider
MozillaURLProvider: Found URL https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
URLDownloader
URLDownloader: Storing new Last-Modified header: Wed, 06 Jan 2016 19:16:03 GMT
URLDownloader: Storing new ETag header: "61dfb5ae5416634cc16680a27a21c27f"
URLDownloader: Downloaded /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier
CodeSignatureVerifier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier: Verifying application bundle signature...
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: valid on disk
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: satisfies its Designated Requirement
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: explicit requirement satisfied
CodeSignatureVerifier: Signature is valid
AppDmgVersioner
AppDmgVersioner: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
AppDmgVersioner: BundleID: org.mozilla.firefox
AppDmgVersioner: Version: 43.0.4
PkgRootCreator
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox/Applications
```

```
% autopkg run -v Firefox.pkg
Processing Firefox.pkg...
MozillaURLProvider
MozillaURLProvider: Found URL https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
URLDownloader
URLDownloader: Storing new Last-Modified header: Wed, 06 Jan 2016 19:16:03 GMT
URLDownloader: Storing new ETag header: "61dfb5ae5416634cc16680a27a21c27f"
URLDownloader: Downloaded /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier
CodeSignatureVerifier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier: Verifying application bundle signature...
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: valid on disk
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: satisfies its Designated Requirement
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: explicit requirement satisfied
CodeSignatureVerifier: Signature is valid
AppDmgVersioner
AppDmgVersioner: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
AppDmgVersioner: BundleID: org.mozilla.firefox
AppDmgVersioner: Version: 43.0.4
PkgRootCreator
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox/Applications
Copier
Copier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
Copier: Copied /private/tmp/dmg.qBStDr/Firefox.app to /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox
```

```
% autopkg run -v Firefox.pkg
Processing Firefox.pkg...
MozillaURLProvider
MozillaURLProvider: Found URL https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
URLDownloader
URLDownloader: Storing new Last-Modified header: Wed, 06 Jan 2016 19:16:03 GMT
URLDownloader: Storing new ETag header: "61dfb5ae5416634cc16680a27a21c27f"
URLDownloader: Downloaded /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier
CodeSignatureVerifier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier: Verifying application bundle signature...
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: valid on disk
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: satisfies its Designated Requirement
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: explicit requirement satisfied
CodeSignatureVerifier: Signature is valid
AppDmgVersioner
AppDmgVersioner: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
AppDmgVersioner: BundleID: org.mozilla.firefox
AppDmgVersioner: Version: 43.0.4
PkgRootCreator
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox/Applications
Copier
Copier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
Copier: Copied /private/tmp/dmg.aRStDr/Firefox.app to /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox
PkgCreator
PkgCreator: Connecting
PkgCreator: Sending packaging request
PkgCreator: Disconnecting
```

```
% autopkg run -v Firefox.pkg
Processing Firefox.pkg...
MozillaURLProvider
MozillaURLProvider: Found URL https://download.mozilla.org/?product=firefox-latest&os=osx&lang=en-US
URLDownloader
URLDownloader: Storing new Last-Modified header: Wed, 06 Jan 2016 19:16:03 GMT
URLDownloader: Storing new ETag header: "61dfb5ae5416634cc16680a27a21c27f"
URLDownloader: Downloaded /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier
CodeSignatureVerifier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
CodeSignatureVerifier: Verifying application bundle signature...
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: valid on disk
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: satisfies its Designated Requirement
CodeSignatureVerifier: /private/tmp/dmg.WTqTWf/Firefox.app: explicit requirement satisfied
CodeSignatureVerifier: Signature is valid
AppDmgVersioner
AppDmgVersioner: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
AppDmgVersioner: BundleID: org.mozilla.firefox
AppDmgVersioner: Version: 43.0.4
PkgRootCreator
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox
PkgRootCreator: Created /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox/Applications
Copier
Copier: Mounted disk image /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg
Copier: Copied /private/tmp/dmg.qBStDr/Firefox.app to /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox
PkgCreator
PkgCreator: Connecting
PkgCreator: Sending packaging request
PkgCreator: Disconnecting
```

Receipt written to /Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/receipts/Firefox-receipt-20160113-155655

The following packages were built:

Identifier	Version	Pkg Path
-----	-----	-----
org.mozilla.firefox.pkg	43.0.4	/Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/Firefox-43.0.4.pkg

The following new items were downloaded:

Download Path

/Users/gneagle/Library/AutoPkg/Cache/com.github.autopkg.pkg.Firefox_EN/downloads/Firefox.dmg

`autopkg run GoogleChrome.munki`

```
% autopkg run GoogleChrome.munki  
Processing GoogleChrome.munki...
```

The following new items were imported:

Name	Version	Catalogs	Pkginfo Path
---	-----	-----	-----
GoogleChrome	47.0.2526.106	production	apps/GoogleChrome -47.0.2526.106.plist

The following new items were downloaded:

Download Path

/Users/gneagle/Library/AutoPkg/Cache/
com.github.autopkg.munki.google-chrome/downloads/
GoogleChrome.dmg

Installing AutoPkg

AutoPkg

Automating tedious
tasks since 2010!

 View On GitHub

AutoPkg

AutoPkg is a system for automatically preparing software for distribution to managed clients. Recipes allow you to specify a series of simple actions which combined together can perform complex tasks, similar to Automator workflows or Unix pipes.

See [the wiki](#) for more information and full documentation.

Discussion of the use and development of AutoPkg is [here](#).

Installation

Download and install the [latest installer package](#).

This will also set up a packaging server and a launchd job so regular users can create packages.

Configuration

Set the MUNKI_REPO preference to use recipes that can import to a Munki repository.

```
defaults write com.github.autopkg MUNKI_REPO /path/to/your/munki/repo
```

Usage

These are just a few examples. See [the wiki](#) for more usage info.

Run a recipe:

```
autopkg run recipename
```

<https://github.com/autopkg/autopkg/releases>

GitHub, Inc. github.com/autopkg/autopkg/releases

Unwatch 122 Star 456 Fork 87

Code Issues 45 Pull requests 29 Projects 0 Wiki Pulse Graphs Settings

Releases Tags Draft a new release

Latest release

v0.6.1
-o b9c2c18

AutoPkg 0.6.1

 **timsutton** released this on Mar 18 · 58 commits to master since this release

0.6.1 (March 18, 2016)

FIXES:

- Fix too-restrictive 600 permissions on files downloaded by curl. This caused an issue where a file copied to either a local or remote Munki repo may not be readable by the webserver. Modes of downloaded files are now set to 644.

Downloads

 →

-  [autopkg-0.6.1.pkg](#) 80.8 KB
-  [Source code \(zip\)](#)
-  [Source code \(tar.gz\)](#)

Getting Recipes

autopkg repo-add <URL>

autopkg repo-add

recipes

autopkg repo-add **recipes**

```
% autopkg repo-add recipes
Attempting git clone...
Cloning into '/Users/gneagle/Library/AutoPkg/
RecipeRepos/com.github.autopkg.recipes'...
```

```
Recipe search path is:
  ".",
  "~/.Library/AutoPkg/Recipes",
  "/Library/AutoPkg/Recipes",
  "/Users/gneagle/Library/AutoPkg/RecipeRepos/
com.github.autopkg.recipes"
)
```

autopkg repo-add <http://github.com/autopkg/recipes>

45 download recipes

36 package recipes

58 Munki recipes

17 install recipes



https://github.com/autopkg

[Repositories](#)[People 62](#)[Teams 65](#)[Settings](#)[Filters ▾](#)[+ New repository](#)

recipes

recipes for autopkg

Updated 2 hours ago

Python ★ 77 ⚡ 81

hansen-m-recipes

My recipes for Autopkg - <https://github.com/autopkg>

Updated 2 hours ago

Python ★ 10 ⚡ 8

jss-recipes

Recipes for adding autopkg software to the JSS using JSSImporter.

Updated 4 hours ago

Python ★ 9 ⚡ 10

patgmac-recipes

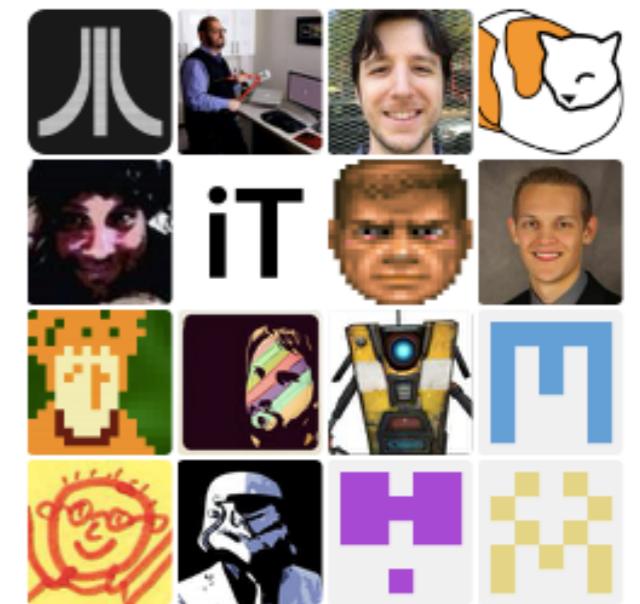
AutoPKG recipes

Updated 5 hours ago

★ 3 ⚡ 1

People

62 >

[Invite someone](#)

`autopkg repo-add hansen-m-recipes`

- ~80 recipe repos
- ~1200 download recipes
- ~800 package recipes
- >1000 Munki recipes

Finding Recipes

PUBLIC



autopkg / hansen-m-recipes

[Unwatch](#) 4[Star](#) 2[Fork](#) 0My recipes for Autopkg - <https://github.com/autopkg/hansen-m-recipes> — Edit

49 commits

1 branch

0 releases

1 contributor



branch: master

[hansen-m-recipes](#) / +

Added download recipe for Doceri Desktop

hansen-m authored 2 hours ago

latest commit 7bd002e0c3



Adobe Added Adobe Digital Editions download recipe 4 months ago

Amazon Added Kindle and Picasa download recipes, removed unused request_head... 2 months ago

Anki Added Kindle and Picasa download recipes, removed unused request_head... 2 months ago

ApplePrinterDrivers Added BrotherPrinterDrivers recipe and fixed version regex in XeroxPr... a month ago

Aquamacs Added KeyCurriculum Sketchpad 5, mixed indentation char cleanup 3 months ago

Astronomy Added IRAF CDBS download recipe 4 months ago

Box Added KeyCurriculum Sketchpad 5, mixed indentation char cleanup 3 months ago

CodingMonkeys Added KeyCurriculum Sketchpad 5, mixed indentation char cleanup 3 months ago

Cycling74 Added Cycling74 Soundflower download recipe 2 months ago

Doceri Added download recipe for Doceri Desktop 2 hours ago

Doxygen Switch to new URLTextSearcher processor 5 months ago

Dymo Added DymoLabel download recipe 2 months ago

Enthought Added KeyCurriculum Sketchpad 5, mixed indentation char cleanup 3 months ago

FeltTip Switch to new URI TextSearcher processor 5 months ago

Fetch Switch to new URLTextSearcher processor 5 months ago

FirestormViewer Added download recipes for Firestorm 2 months ago

Code

Issues 0

Pull Requests 0

Wiki

Pulse

Graphs

Network

Settings

HTTPS clone URL

<https://github.com/ai>You can clone with [HTTPS](#), [SSH](#), or [Subversion](#). ?[Clone in Desktop](#)[Download ZIP](#)

hansen-m-recipes/Fetch at master · autopkg/hansen-m-recipes

GitHub, Inc. github.com/autopkg/hansen-m-recipes/tree/master/Fetch Reader

This repository Search or type a command ? Explore Gist Blog Help

autopkg / hansen-m-recipes

branch: master + hansen-m-recipes / Fetch / +

Switch to new URLTextSearcher processor

 hansen-m authored on Feb 4

..

 Fetch.download.recipe Switch to new URLTextSearcher processor

 FetchVersionFixer.py Switch to new URLTextSearcher processor

`autopkg repo-add hansen-m-recipes`

autopkg search

```
% autopkg search Fetch
```

Name	Repo	Path
Fetch.download.recipe	hansen-m-recipes	Fetch/Fetch.download.recipe
IRAFCDBS.download.recipe	hansen-m-recipes	Astronomy/IRAFCDBS.download.recipe
Fetch.ds.recipe	jazzace-recipes	Fetch/Fetch.ds.recipe
Fetch.download.recipe	jleggat-recipes	Fetch/Fetch.download.recipe
Fetch.install.recipe	jleggat-recipes	Fetch/Fetch.install.recipe
Fetch.munki.recipe	jleggat-recipes	Fetch/Fetch.munki.recipe
Fetch.pkg.recipe	jleggat-recipes	Fetch/Fetch.pkg.recipe
screenFetch.install.recipe	jleggat-recipes	screenFetch/screenFetch.install.recipe
screenFetch.download.recipe	jleggat-recipes	screenFetch/screenFetch.download.recipe
screenFetch.munki.recipe	jleggat-recipes	screenFetch/screenFetch.munki.recipe
screenFetch.pkg.recipe	jleggat-recipes	screenFetch/screenFetch.pkg.recipe
AdobeShockwavePlayer.pkg.recipe	jleggat-recipes	AdobeShockwavePlayer/AdobeShockwavePl
SassafrasK2Client.munki.recipe	recipes	SassafrasK2Client/SassafrasK2Client.m
Fetch.jss.recipe	scriptingosx-recipes	Fetch/Fetch.jss.recipe
Fetch_old.pkg.recipe	scriptingosx-recipes	Fetch/Fetch_old.pkg.recipe

```
% autopkg search Fetch
```

Name	Repo	Path
Fetch.download.recipe	hansen-m-recipes	Fetch/Fetch.download.recipe
IRAFCDBS.download.recipe	hansen-m-recipes	Astronomy/IRAFCDBS.download.recipe
Fetch.ds.recipe	jazzace-recipes	Fetch/Fetch.ds.recipe
Fetch.download.recipe	jleggat-recipes	Fetch/Fetch.download.recipe
Fetch.install.recipe	jleggat-recipes	Fetch/Fetch.install.recipe
Fetch.munki.recipe	jleggat-recipes	Fetch/Fetch.munki.recipe
Fetch.pkg.recipe	jleggat-recipes	Fetch/Fetch.pkg.recipe
screenFetch.install.recipe	jleggat-recipes	screenFetch/screenFetch.install.recipe
screenFetch.download.recipe	jleggat-recipes	screenFetch/screenFetch.download.recipe
screenFetch.munki.recipe	jleggat-recipes	screenFetch/screenFetch.munki.recipe
screenFetch.pkg.recipe	jleggat-recipes	screenFetch/screenFetch.pkg.recipe
AdobeShockwavePlayer.pkg.recipe	jleggat-recipes	AdobeShockwavePlayer/AdobeShockwavePl
SassafrasK2Client.munki.recipe	recipes	SassafrasK2Client/SassafrasK2Client.m
Fetch.jss.recipe	scriptingosx-recipes	Fetch/Fetch.jss.recipe
Fetch_old.pkg.recipe	scriptingosx-recipes	Fetch/Fetch_old.pkg.recipe

```
% autopkg search Fetch
```

Name	Repo	Path
Fetch.download.recipe	hansen-m-recipes	Fetch/Fetch.download.recipe
IRAFCDBS.download.recipe	hansen-m-recipes	Astronomy/IRAFCDBS.download.recipe
Fetch.ds.recipe	jazzace-recipes	Fetch/Fetch.ds.recipe
Fetch.download.recipe	jleggat-recipes	Fetch/Fetch.download.recipe
Fetch.install.recipe	jleaaat-recipes	Fetch/Fetch.install.recipe
Fetch.munki.recipe	jleggat-recipes	Fetch/Fetch.munki.recipe
Fetch.pkg.recipe	jleggat-recipes	Fetch/Fetch.pkg.recipe
screenFetch.install.recipe	jleggat-recipes	screenFetch/screenFetch.install.recipe
screenFetch.download.recipe	jleggat-recipes	screenFetch/screenFetch.download.recipe
screenFetch.munki.recipe	jleggat-recipes	screenFetch/screenFetch.munki.recipe
screenFetch.pkg.recipe	jleggat-recipes	screenFetch/screenFetch.pkg.recipe
AdobeShockwavePlayer.pkg.recipe	jleggat-recipes	AdobeShockwavePlayer/AdobeShockwavePl
SassafrasK2Client.munki.recipe	recipes	SassafrasK2Client/SassafrasK2Client.m
Fetch.jss.recipe	scriptingosx-recipes	Fetch/Fetch.jss.recipe
Fetch_old.pkg.recipe	scriptingosx-recipes	Fetch/Fetch_old.pkg.recipe

Recipe variants

```
% autopkg search Fetch
```

Name	Repo
Fetch.download.recipe	hansen-m-recipes
IRAFCDBS.download.recipe	hansen-m-recipes
Fetch.ds.recipe	jazzace-recipes
Fetch.download.recipe	jleggat-recipes
Fetch.install.recipe	jleggat-recipes
Fetch.munki.recipe	jleggat-recipes
Fetch.pkg.recipe	jleggat-recipes
screenFetch.install.recipe	jleggat-recipes
screenFetch.download.recipe	jleggat-recipes
screenFetch.munki.recipe	jleggat-recipes
screenFetch.pkg.recipe	jleggat-recipes
AdobeShockwavePlayer.pkg.recipe	jleggat-recipes
SassafrasK2Client.munki.recipe	recipes
Fetch.jss.recipe	scriptingosx-recipes
Fetch_old.pkg.recipe	scriptingosx-recipes

Path
Fetch/Fetch.download.recipe
Astronomy/IRAFCDBS.download.recipe
Fetch/Fetch.ds.recipe
Fetch/Fetch.download.recipe
Fetch/Fetch.install.recipe
Fetch/Fetch.munki.recipe
Fetch/Fetch.pkg.recipe
screenFetch/screenFetch.install.recipe
screenFetch/screenFetch.download.recipe
screenFetch/screenFetch.munki.recipe
screenFetch/screenFetch.pkg.recipe
AdobeShockwavePlayer/AdobeShockwavePlayer.pkg.recipe
SassafrasK2Client/SassafrasK2Client.munki.recipe
Fetch/Fetch.jss.recipe
Fetch/Fetch_old.pkg.recipe

Recipe variants

.download.recipe	Finds and downloads item
.pkg.recipe	Extracts/creates/recreates an Installer package
.munki.recipe	Imports item into Munki repo
.jss.recipe	Imports item into JSS (Casper)
.install.recipe	Installs item

`autopkg list-recipes`

```
% autopkg list-recipes
Adium.munki
Adium.pkg
AdobeAIR.pkg
AdobeAcrobatPro9Update.munki
AdobeAcrobatProXUpdate.munki
AdobeAir.munki
AdobeFlashPlayer.munki
AdobeFlashPlayer.pkg
AdobeFlashPlayerExtractPackage.munki
AdobeFlashPlayerRepackage.munki
AdobeFlashPlayerRepackage.pkg
AdobeReader.munki
AdobeReader.pkg
```

Thunderbird.pkg

Transmit.munki

VLC.munki

VLC.pkg

XLD.munki

XQuartz.munki

munkitools.munki

Sharing knowledge and process

Example: Adobe Reader

GitHub, Inc. github.com/munki/munki/wiki/Adobe-Reader

This repository Search Pull requests Issues Gist

munki / munki Unwatch 123 Star 623 Fork 87

Code Issues 60 Pull requests 7 Wiki Pulse Graphs Settings

Adobe Reader

gregneagle edited this page on Sep 23, 2014 · 3 revisions

Edit New Page

Introduction

Due to an issue with the Adobe Reader X/XI installer packages, installation will fail at the loginwindow. Here's how to fix it without repackaging.

Details for those who wish to inflict more pain upon themselves

See this discussion: [Adobe Reader X 10.1 preinstall script fail](#)

To avoid the issue, add a preinstall_script to the package info:

```
<key>preinstall_script</key>
<string>#!/bin/sh
if [ -e "/Applications/Adobe Reader.app" ]; then
    rm -r "/Applications/Adobe Reader.app"
fi
exit 0
</string>
```

This has been tested up through the 11.0.07 update and is still required.

Pages 92

Introduction

- [Getting Started](#)
- [Overview](#)
- [Discussion Group](#)
- [Demonstration Setup](#)
- [Glossary](#)
- [Frequently Asked Questions](#)
- [Release Notes](#)

New in Munki 2

- [Introduction](#)
- [Munki Links](#)
- [Product Icons](#)
- [Screenshots In Product Descriptions](#)
- [Client Customization](#)
- [Custom Help Content](#)
- [Upgrading to Munki 2](#)

Tools

- [makepkginfo](#)
- [munkiimport](#)
- [managedsoftwareupdate](#)

autopkg run AdobeReader.munki

Lots of shared knowledge

- ~80 recipe repos
- ~1200 download recipes
- ~800 package recipes
- 560+ install recipes
- >1000 Munki recipes
- 280+ Jamf Pro recipes

autopkg components

autopkg components

- autopkg tool
- Packaging server
- Processors
- Recipes

autopkg recipes

- Start with a set of ingredients (Input)
- Ingredients go through a series of steps (Process)
- Each step passes its output (and unused ingredients) to the next step

human directions

In the event of my death:

Here's how to keep Google Chrome updated with Munki.

1. Download the current Google Chrome from:

<https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg>

2. Run munkiimport to import it into the testing catalog, storing in the “apps” subdirectory.

```
munkiimport ~/Downloads/googlechrome.dmg --catalog testing \
--subdirectory apps
```

autopkg recipes

GoogleChrome MunkiImport Recipe:

Description:

Downloads the latest Google Chrome disk image and imports into Munki.

Process:

1. URLDownloader

url: <https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg>

2. MunkiImporter

pkg_path: item_downloaded_in_step_1

repo_subdirectory: apps

pkginfo: catalog: testing

human directions

In the event of my death:

Here's how to keep Google Chrome updated with Munki.

`autopkg run GoogleChrome.munki`

autopkg recipes

```
<?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>Description</key>
  <string>Downloads the latest Google Chrome disk image and imports into Munki.</string>
  <key>Identifier</key>
  <string>com.github.autopkg.demo.munki.google-chrome</string>
  <key>Input</key>
  <dict>
    </dict>
  <key>Process</key>
  <array>
    <dict>
      <key>Processor</key>
      <string>URLDownloader</string>
      <key>Arguments</key>
      <dict>
        <key>url</key>
        <string>https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg</string>
      </dict>
    </dict>
    <dict>
      <key>Processor</key>
      <string>MunkiImporter</string>
      <key>Arguments</key>
      <dict>
        <key>nkg_path</key>
```

autopkg recipes

```
<?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>Description</key>
  <string>Downloads the latest Google Chrome disk image and imports into Munki.</string>
  <key>Identifier</key>
  <string>com.github.autopkg.demo.munki.google-chrome</string>
  <key>Input</key>
  <dict>
  </dict>
  <key>Process</key>
  <array>
    <dict>
      <key>Processor</key>
      <string>URLDownloader</string>
      <key>Arguments</key>
      <dict>
        <key>url</key>
        <string>https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg</string>
      </dict>
    </dict>
    <dict>
      <key>Processor</key>
      <string>MunkiImporter</string>
      <key>Arguments</key>
      <dict>
        <key>nkg_path</key>
```

```
<key>Process</key>
<array>
<dict>
    <key>Processor</key>
    <string>URLDownloader</string>
    <key>Arguments</key>
    <dict>
        <key>url</key>
        <string>https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg</string>
    </dict>
</dict>
<dict>
    <key>Processor</key>
    <string>Munki Importer</string>
    <key>Arguments</key>
    <dict>
        <key>pkg_path</key>
        <string>%pathname%</string>
        <key>repo_subdirectory</key>
        <string>apps</string>
        <key>pkginfo</key>
        <dict>
            <key>catalogs</key>
            <array>
                <string>testing</string>
            </array>
            <key>description</key>
            <string>Google's web browser.</string>
            <key>display_name</key>
            <string>Google Chrome</string>
            <key>name</key>
            <string>GoogleChrome</string>
            <key>unattended_install</key>
            <true/>
        </dict>
    </dict>
```

```
<key>Process</key>
<array>
<dict>
    <key>Processor</key>
    <string>URLDownloader</string>
    <key>Arguments</key>
    <dict>
        <key>url</key>
        <string>https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg</string>
    </dict>
</dict>
<dict>
    <key>Processor</key>
    <string>Munki Importer</string>
    <key>Arguments</key>
    <dict>
        <key>pkg_path</key>
        <string>%pathname%</string>
        <key>repo_subdirectory</key>
        <string>apps</string>
        <key>pkginfo</key>
        <dict>
            <key>catalogs</key>
            <array>
                <string>testing</string>
            </array>
            <key>description</key>
            <string>Google's web browser.</string>
            <key>display_name</key>
            <string>Google Chrome</string>
            <key>name</key>
            <string>GoogleChrome</string>
            <key>unattended_install</key>
            <true/>
        </dict>
    </dict>
```

```
<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg</string>
</dict>
</dict>
<dict>
    <key>Processor</key>
    <string>Munki Importer</string>
    <key>Arguments</key>
    <dict>
        <key>pkg_path</key>
        <string>%pathname%</string>
        <key>repo_subdirectory</key>
        <string>apps</string>
        <key>pkginfo</key>
        <dict>
            <key>catalogs</key>
            <array>
                <string>testing</string>
            </array>
            <key>description</key>
            <string>Google's web browser.</string>
            <key>display_name</key>
            <string>Google Chrome</string>
            <key>name</key>
            <string>GoogleChrome</string>
            <key>unattended_install</key>
            <true/>
        </dict>
    </dict>
</dict>
</array>
</dict>
</plist>
```

```
<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://dl.google.com/chrome/mac/stable/GoogleChrome.dmg</string>
</dict>
```

autopkg recipes

```
</dict>
```

```
<dict>
```

```
    <key>Processor</key>
```

```
    <string>Munki Importer</string>
```

```
    <key>Arguments</key>
```

```
    <dict>
```

```
        <key>pkg_path</key>
```

```
        <string>%pathname%</string>
```

```
        <key>repo_subdirectory</key>
```

```
        <string>apps</string>
```

```
        <key>pkginfo</key>
```

```
        <dict>
```

```
            <key>catalogs</key>
```

```
            <array>
```

```
                <string>testing</string>
```

```
            </array>
```

```
            <key>description</key>
```

```
            <string>Google's web browser.</string>
```

```
            <key>display_name</key>
```

```
            <string>Google Chrome</string>
```

```
            <key>name</key>
```

```
            <string>GoogleChrome</string>
```

```
            <key>unattended_install</key>
```

```
            <true/>
```

```
        </dict>
```

```
    </dict>
```

```
</dict>
```

```
</array>
```

```
</dict>
```

```
</plist>
```

```
<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg</string>
</dict>
</dict>
<dict>
    <key>Processor</key>
    <string>MunkiImporter</string>
    <key>Arguments</key>
    <dict>
        <key>pkg_path</key>
        <string>%pathname%</string>
        <key>repo_subdirectory</key>
        <string>apps</string>
        <key>pkginfo</key>
        <dict>
            <key>catalogs</key>
            <array>
                <string>testing</string>
            </array>
            <key>description</key>
            <string>Google's web browser.</string>
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            <key>unattended_install</key>
            <true/>
        </dict>
    </dict>
</dict>
</array>
</dict>
</plist>
```

autopkg recipes

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    <key>url</key>
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</dict>
</dict>
<dict>
    <key>Processor</key>
    <string>MunkiImporter</string>
    <key>Arguments</key>
    <dict>
        <key>pkg_path</key>
        <string>%pathname%</string>
        <key>repo_subdirectory</key>
        <string>apps</string>
        <key>pkginfo</key>
        <dict>
            <key>catalogs</key>
            <array>
                <string>testing</string>
            </array>
            <key>description</key>
            <string>Google's web browser.</string>
            <key>display_name</key>
            <string>Google Chrome</string>
            <key>name</key>
            <string>GoogleChrome</string>
            <key>unattended_install</key>
            <true/>
        </dict>
    </dict>
</dict>
</array>
</dict>
</plist>
```

autopkg recipes

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<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://dl.google.com/chrome/mac/stable/GoogleChrome.dmg</string>
</dict>
</dict>
<dict>
    <key>Processor</key>
    <string>MunkiImporter</string>
    <key>Arguments</key>
    <dict>
        <key>pkg_path</key>
        <string>%pathname%</string>
        <key>repo_subdirectory</key>
        <string>apps</string>
        <key>pkginfo</key>
        <dict>
            <key>catalogs</key>
            <array>
                <string>testing</string>
            </array>
            <key>description</key>
            <string>Google's web browser.</string>
            <key>display_name</key>
            <string>Google Chrome</string>
            <key>name</key>
            <string>GoogleChrome</string>
            <key>unattended_install</key>
            <true/>
        </dict>
    </dict>
</dict>
</array>
</dict>
</plist>
```

```
<key>Arguments</key>
<dict>
    <key>url</key>
    <string>https://dl.google.com/chrome/mac/stable/GGR0/googlechrome.dmg</string>
</dict>
</dict>
<dict>
    <key>Processor</key>
    <string>MunkiImporter</string>
    <key>Arguments</key>
    <dict>
        <key>pkg_path</key>
        <string>%pathname%</string>
        <key>repo_subdirectory</key>
        <string>apps</string>
        <key>pkginfo</key>
        <dict>
            <key>catalogs</key>
            <array>
                <string>testing</string>
            </array>
            <key>description</key>
            <string>Google's web browser.</string>
            <key>display_name</key>
            <string>Google Chrome</string>
            <key>name</key>
            <string>GoogleChrome</string>
            <key>unattended_install</key>
            <true/>
        </dict>
    </dict>
</dict>
</array>
</dict>
</plist>
```

Automating AutoPkg

Recipe lists

```
% cat ~/Library/AutoPkg/recipelist
AdobeAIR.munki
AdobeFlashPlayer.munki
AdobeReader.munki
Firefox_ESR.munki
#Firefox_17ESR.munki
Firefox_RC.munki
GoogleChrome.munki
GoogleEarth.munki
LibreOffice.munki
MSOffice2011Updates.munki
OmniFocus.munki
OmniGrafflePro.munki
OmniOutlinerPro.munki
#OmniPlan.munki
OracleJava7.munki
Silverlight.munki
Skype.munki
TextWrangler.munki
Thunderbird_ESR.munki
Thunderbird_RC.munki
VLC.munki
XQuartz.munki
#munkitools
MakeCatalogs.munki
```

```
% autopkg run --recipe-list ~/Library/AutoPkg/recipelist
Processing AdobeAIR.munki...
Processing AdobeFlashPlayer.munki...
Processing AdobeReader.munki...
Processing Firefox_ESR.munki...
Processing Firefox_RC.munki...
Processing GoogleChrome.munki...
Processing GoogleEarth.munki...
Processing LibreOffice.munki...
Processing MSOffice2011Updates.munki...
Processing OmniFocus.munki...
Processing OmniGrafflePro.munki...
Processing OmniOutlinerPro.munki...
Processing OracleJava7.munki...
Processing Silverlight.munki...
Processing Skype.munki...
Processing TextWrangler.munki...
Processing Thunderbird_ESR.munki...
Processing Thunderbird_RC.munki...
Processing VLC.munki...
Processing XQuartz.munki...
Processing MakeCatalogs.munki...
```

Scripts

```
#!/bin/sh

/usr/local/bin/autopkg run \
    AdobeAIR.munki \
    AdobeFlashPlayer.munki \
    AdobeReader.munki \
    Firefox_ESR.munki \
    Firefox_RC.munki \
    GoogleChrome.munki \
    GoogleEarth.munki \
    LibreOffice.munki \
    MSOffice2011Updates.munki \
    OmniFocus.munki \
    OmniGrafflePro.munki \
    OmniOutlinerPro.munki \
    OracleJava7.munki \
    Silverlight.munki \
    Skype.munki \
    TextWrangler.munki \
    Thunderbird_ESR.munki \
    Thunderbird_RC.munki \
    VLC.munki \
    XQuartz.munki \
    MakeCatalogs.munki
```

GUI

AutoPkgr

AutoPkgr



Technology ■ Strategy ■ Integrity

<https://www.lindegroup.com/autopkgr>

[What We Do](#) [AutoPkgr](#) [Careers](#) [Contact](#)

We put more “auto” into AutoPkg.



AutoPkgr

Get started faster.

AutoPkgr allows you to easily install all the components that AutoPkg requires so you can start downloading recipes right away.

You've got updates!

When a scheduled check reveals new versions of the recipes you're subscribed to, AutoPkgr will send an email notification to alert you.

Munki friendly.

If you use Munki to deliver managed software updates to your fleet of Macs, AutoPkgr will allow you to easily specify your repos. No Terminal commands required.

One-click access to repositories.

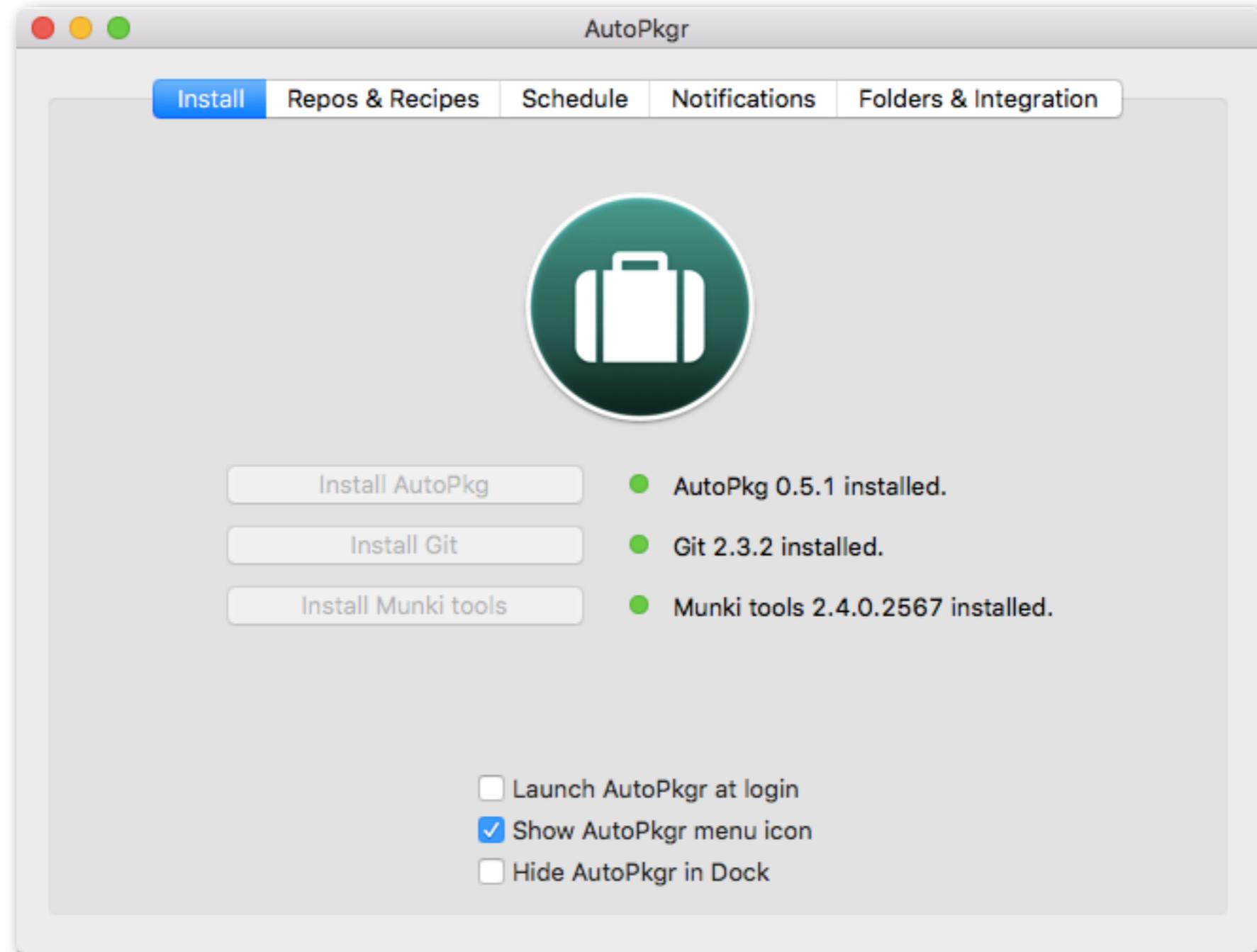
AutoPkgr is ready to connect to popular recipe repositories with the click of a button. Of course, you can add repositories manually too.

Track the apps you care about.

Once you specify which recipes you want to watch, AutoPkgr remembers these recipes so you don't have to. You can go back and change the recipe watch list at any time.

Easier integration.

AutoPkgr also includes the ability to configure automatic import into popular software distribution systems like Munki and Casper in just a few clicks.



AutoPkgr

Install **Repos & Recipes** Schedule Notifications Folders & Integration

Update Repos Now ? Filter repos

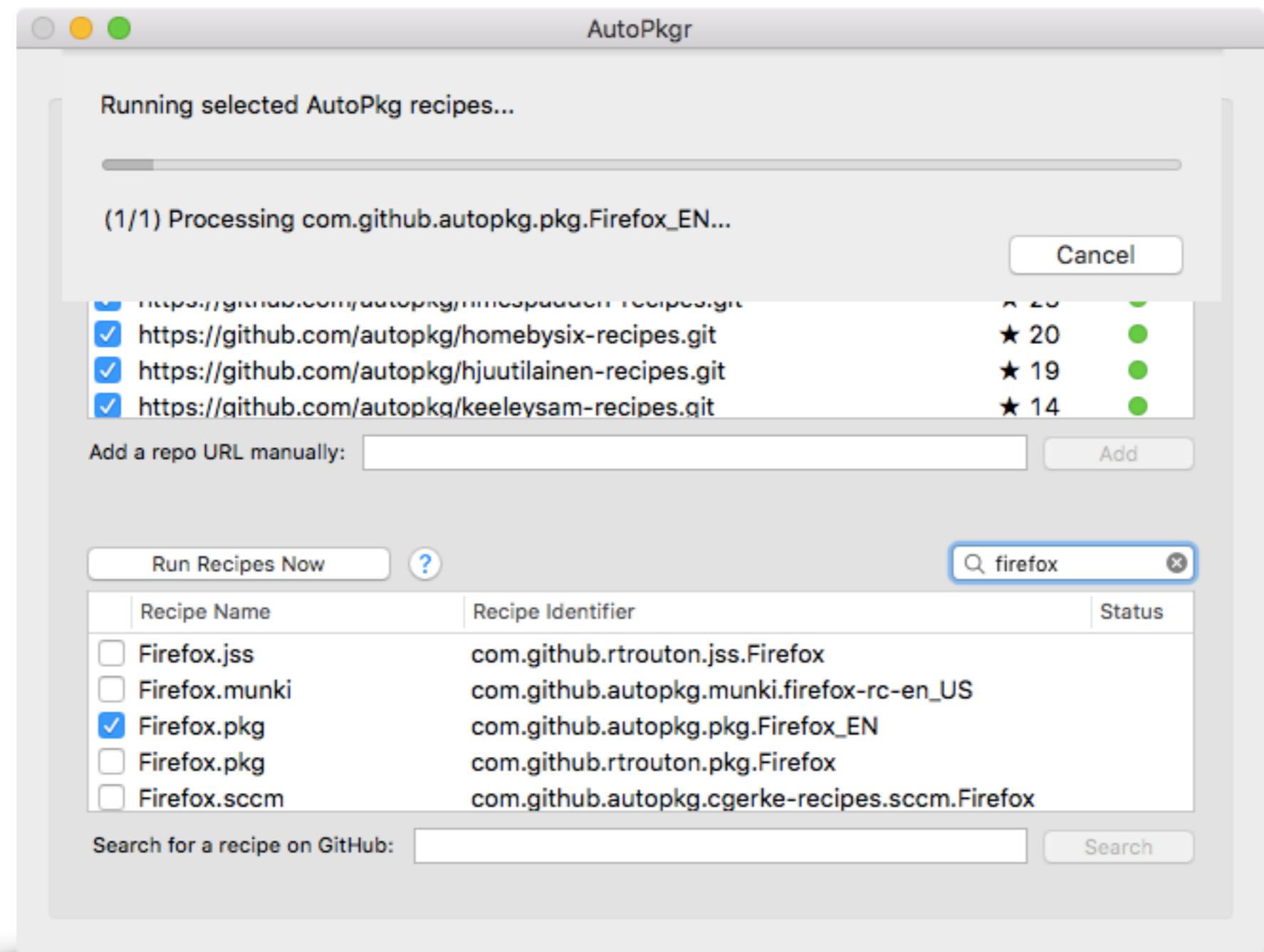
Repo Clone URL	Stars	Status
<input checked="" type="checkbox"/> https://github.com/autopkg/recipes.git	★ 76	green
<input checked="" type="checkbox"/> https://github.com/autopkg/nmcspadden-recipes.git	★ 23	green
<input checked="" type="checkbox"/> https://github.com/autopkg/homebysix-recipes.git	★ 20	green
<input checked="" type="checkbox"/> https://github.com/autopkg/hjuutilainen-recipes.git	★ 19	green
<input checked="" type="checkbox"/> https://github.com/autopkg/keeleysam-recipes.git	★ 14	green

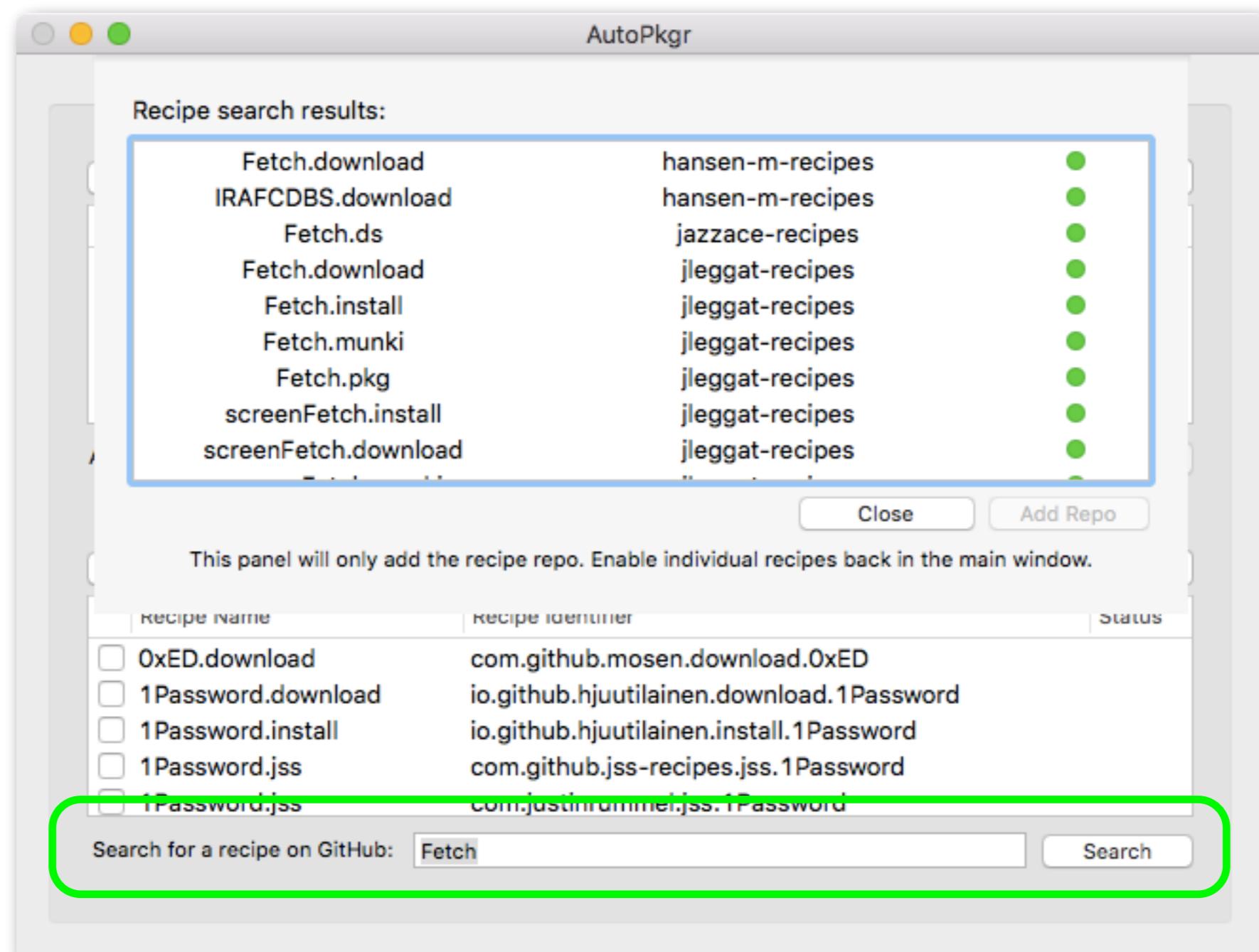
Add a repo URL manually: Add

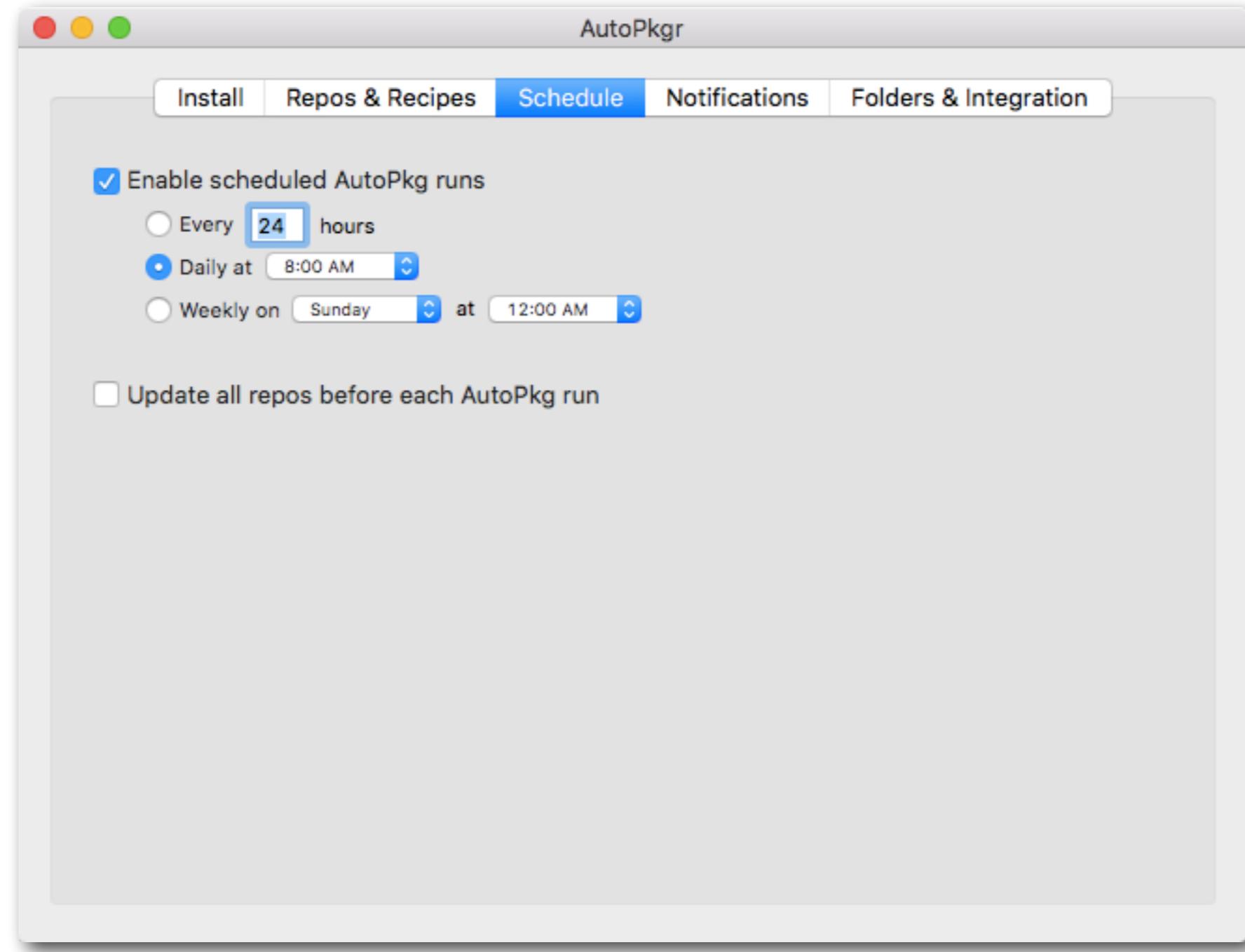
Run Recipes Now ? Filter recipes

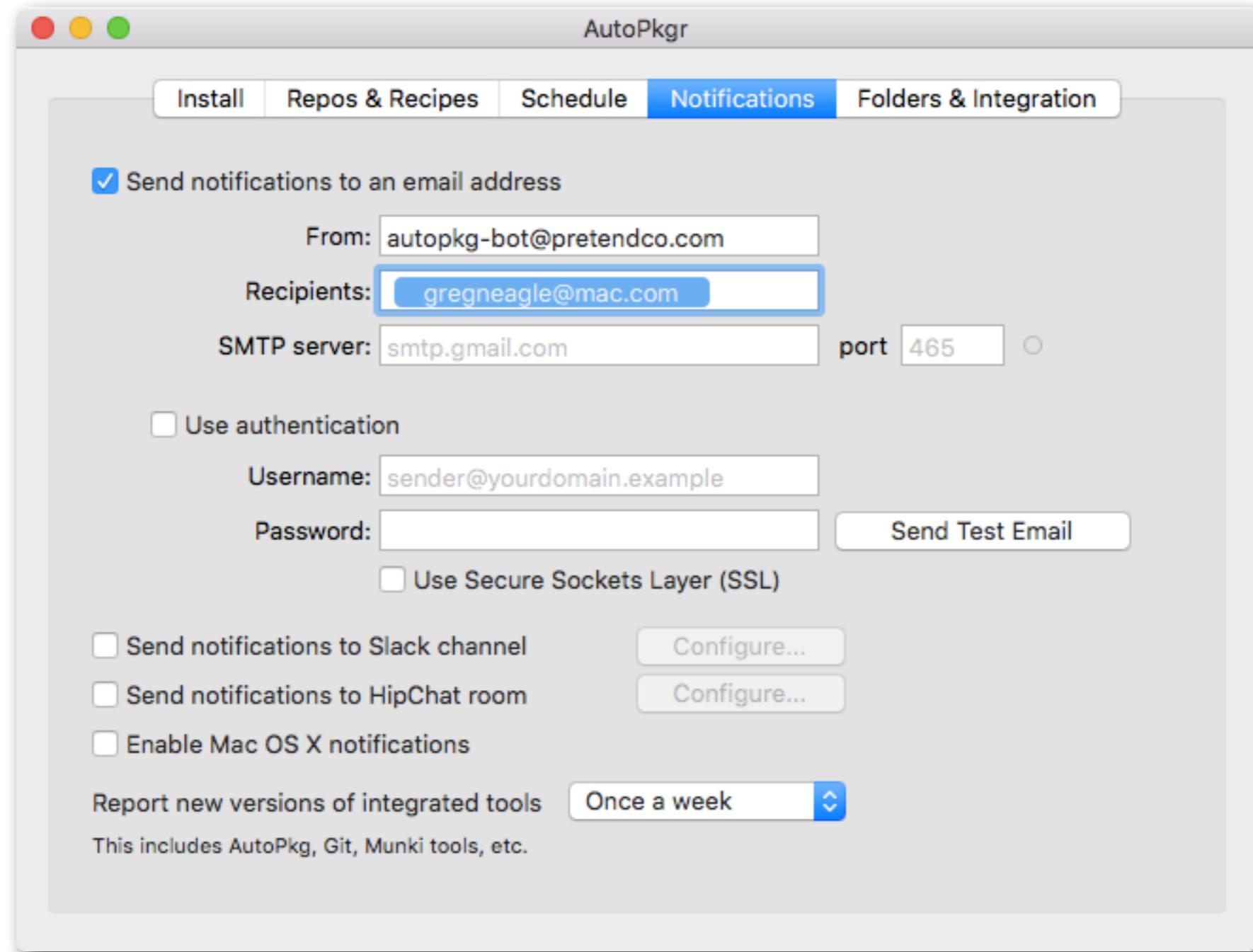
Recipe Name	Recipe Identifier	Status
<input type="checkbox"/> 0xED.download	com.github.mosen.download.0xED	
<input type="checkbox"/> 1Password.download	io.github.hjuutilainen.download.1Password	
<input type="checkbox"/> 1Password.install	io.github.hjuutilainen.install.1Password	
<input type="checkbox"/> 1Password.jss	com.github.jss-recipes.jss.1Password	
<input type="checkbox"/> 1Password.jss	com.justinrummel.jss.1Password	

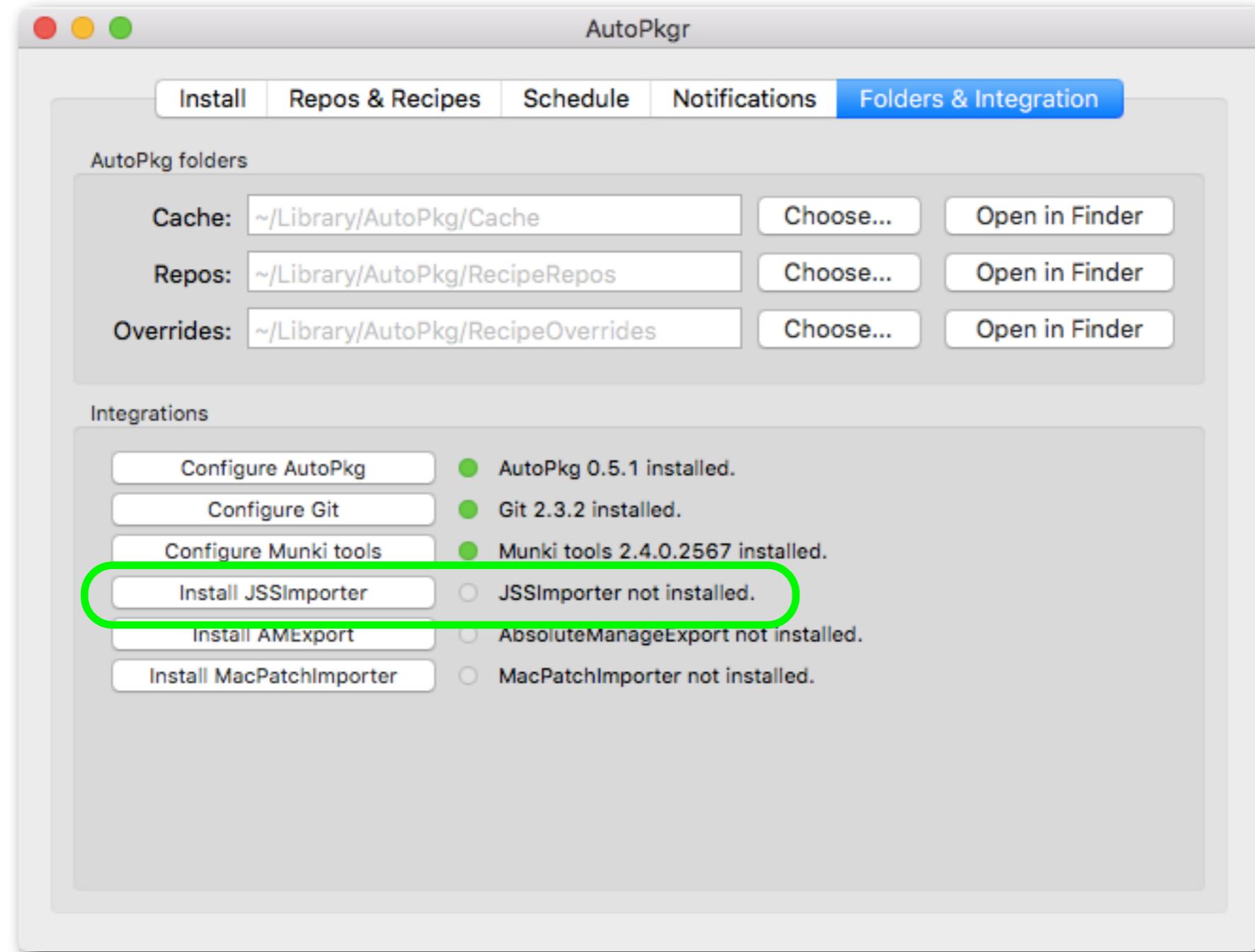
Search for a recipe on GitHub: Search











Recipe Robot



Recipe Robot

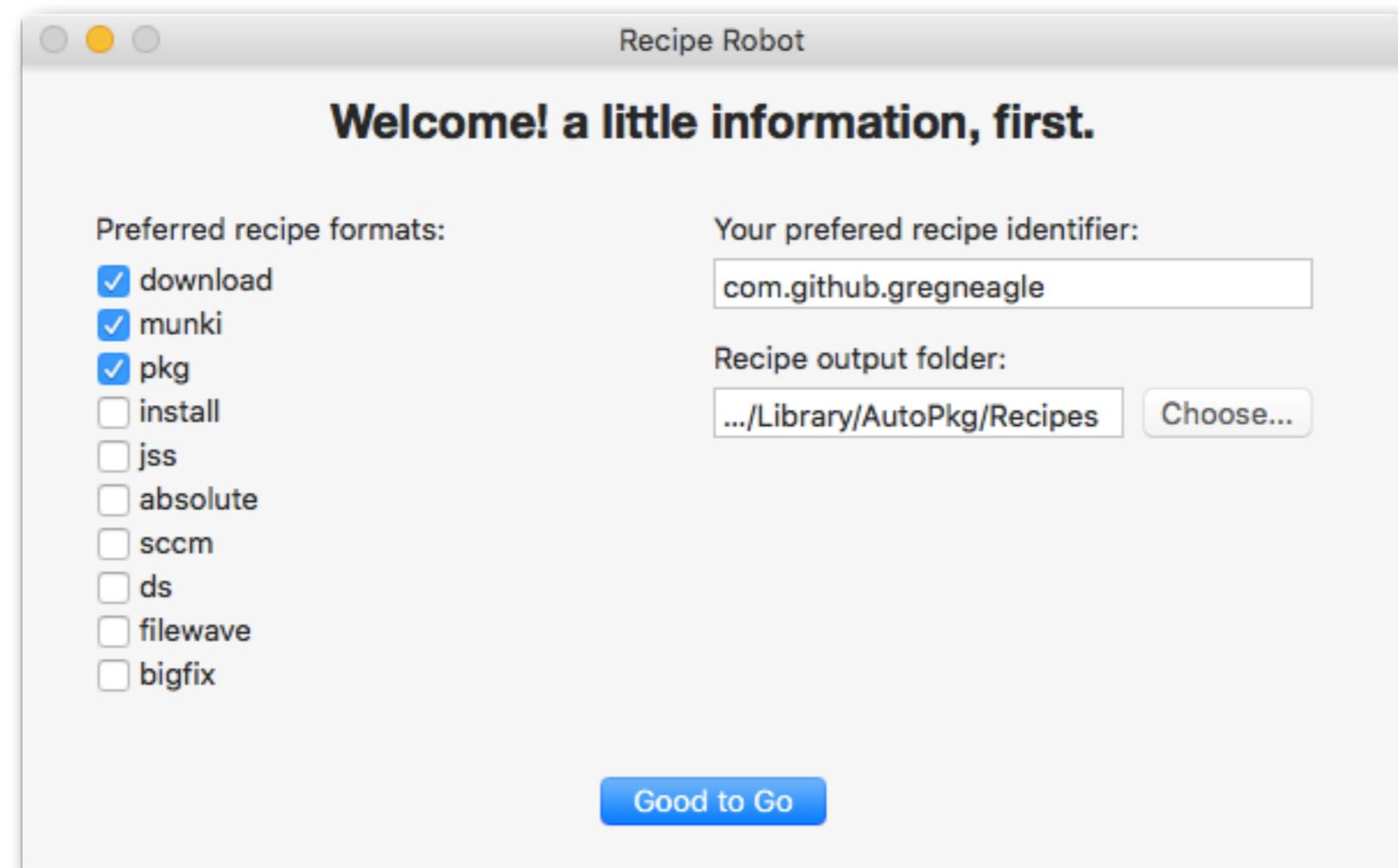
A kick ass tool for creating AutoPkg recipes.

- [Overview](#)
- [Requirements](#)
- [Mac App Usage](#)
- [Python Script Usage](#)
- [Video Tutorials](#)
- [Tips](#)
 - [Compatibility](#)
 - [Apps with existing AutoPkg recipes](#)
 - [Things to tweak in Recipe Robot-produced recipes](#)
 - [App Store Apps](#)
- [Troubleshooting](#)
- [Feedback](#)

Overview

Recipe Robot is the easiest way to create new AutoPkg recipes for simple Mac apps. It consists of two components:

- A [Python script](#) that takes various types of input and automatically outputs AutoPkg recipes.



Applications

Search

Name	Date Modified	Size	Kind
Calendar	Dec 9, 2010, 2:12 PM	20.4 MB	Application
calendar.disneyanimation.com	Oct 18, 2011, 12:00 PM	82 KB	HTML
Charles	Oct 24, 2013, 2:29 PM	12 MB	Application
Chess	Dec 8, 2015, 2:12 PM	8.7 MB	Application
Contacts	Dec 8, 2015, 2:12 PM	21.5 MB	Application
CoRD	Mar 7, 2015, 12:10 PM	4.5 MB	Application
CrashPlan	Oct 27, 2014, 12:40 PM	237.5 MB	Application
Dashboard			
Dictionary			
dpix			
dpixsubmit			
dplay			
duet			
DVD Player			
Evernote			
FaceTime			
Firefox			
Flip Player			
Flip4Mac			
Font Book			
Full Deck Solitaire			
Game Center			
Google Chrome			
Google Earth			
GPG Keychain			
iBooks			
Image Capture			
img2avidhd	Oct 7, 2015, 2:20 PM	59 KB	Application
iMovie	Dec 16, 2015, 5:23 PM	2.84 GB	Application
iMovie 9.0.9	Dec 16, 2015, 5:23 PM	--	Folder
Install OS X El Capitan	Dec 9, 2015, 8:33 AM	6.21 GB	Application
iPhoto	Mar 20, 2015, 1:24 PM	1.7 GB	Application
iTunes	Dec 11, 2015, 12:54 PM	308.7 MB	Application
iWork '09	Aug 21, 2015, 10:16 AM	--	Folder
Keynote	Dec 1, 2015, 4:18 PM	660.9 MB	Application
Keynote Picture Dump	Oct 24, 2013, 4:09 PM	6.2 MB	Application
Kindle	Oct 14, 2012, 2:42 PM	111.2 MB	Application

1 of 104 selected. 48.91 GB available.

Recipe Robot

Feed me!

Drag in an app to start processing.

Or paste a URL here:

Do It!

⚙️

Applications

Search

Name	Date Modified	Size	Kind
Calendar	Dec 9, 2010, 2:12 PM	20.4 MB	Application
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Dashboard			
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dplay			
duet			
DVD Player			
Evernote			
FaceTime			
Firefox			
Flip Player			
Flip4Mac			
Font Book			
Full Deck Solitaire			
Game Center			
Google Chrome			
Google Earth			
GPG Keychain			
iBooks			
Image Capture			
img2avidhd			
iMovie			
iMovie 9.0.9			
Install OS X El Capitan			
iPhoto			
iTunes			
iWork '09			
Keynote			
Keynote Picture Dump			
Kindle			

Recipe Robot

Oops, I couldn't make recipes for this app.

```
Looking for app icon...
App icon is: /Applications/Google Earth.app/Contents/Resources/app/
Getting app description from MacUpdate...
Description: View and control dynamic satellite imagery of the world.
Gathering code signature information...
App is not signed
Searching for existing AutoPkg recipes for "Google Earth"...
No results
Searching for existing AutoPkg recipes for "GoogleEarth"...
Found existing GoogleEarth.filewave.recipe
Found existing GoogleEarth.munki.recipe
Found existing GoogleEarth.download.recipe
Found existing GoogleEarth.pkg.recipe
[ERROR] Sorry, AutoPkg recipes already exist for this app, and I can't blend new recipes with existing recipes.

Here are my suggestions:
- See if one of the above recipes meets your needs, either as-is or using an override.
- Write your own recipe using one of the above as the ParentRecipe.
- Or if you must, write your own recipe from scratch.
```

[ERROR]

Let's Do Another! Reveal Recipes

1 of 104 selected. 48.91 GB available.

https://github.com/docker/toolbox/releases/

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docker / toolbox

Code Issues 89 Pull requests 9 Wiki Pulse Graphs

Releases Tags

Latest release v1.9.1h

jeffdm released this 3 days ago

- [Windows] Fixed bug where resulting in _ bad mount mode
- Removed unnecessary output

Included Components

- docker 1.9.1
- docker-machine 0.5.5
- docker-compose 1.5.2
- Kitematic 0.9.5
- Boot2Docker ISO 1.9.1
- VirtualBox 5.0.12

Downloads

DockerToolbox-1.9.1h.exe 191 M

DockerToolbox-1.9.1h.pkg 172 M

Source code (zip)

Recipe Robot

Feed me!

Drag in an app to start processing.

Or paste a URL here: https://github.com/docker/toolbox/releases/ | Do It!

gear icon

https://github.com/docker/toolbox/releases/

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docker / toolbox

Code Issues 89 Pull requests 9 Wiki Pulse Graphs

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- Boot2Docker ISO 1.9.1
- VirtualBox 5.0.12

Downloads

DockerToolbox-1.9.1h.exe 191 M

DockerToolbox-1.9.1h.pkg 172 M

Source code (zip)

Recipe Robot

Ding! All done.

```
Install filename:  
Extracting the package payload to see if we can find an app...  
Found app: ./VirtualBox.app  
Error while extracting the package payload. (pax: End of archive volume 1 reached  
pax: Sorry, unable to determine archive format.  
)  
Getting information from PackageInfo file...  
Install location: /usr/local/bin  
Install filename: bin  
Extracting the package payload to see if we can find an app...  
Did not find an app in the package payload  
Searching for existing AutoPkg recipes for "toolbox"...  
No results  
[REMINDER] I can't tell whether to use CFBundleShortVersionString or CFBundleVersion for the version key of this app.  
Most apps use CFBundleShortVersionString, so that's what I'll use. You may want to verify that and modify the recipes  
if necessary.  
Generating munki recipe...  
[WARNING] I don't have enough information to create a PNG icon for this app.  
/Users/gneagle/Library/AutoPkg/Recipes/Docker Inc/toolbox.munki.recipe  
Generating download recipe...  
/Users/gneagle/Library/AutoPkg/Recipes/Docker Inc/toolbox.download.recipe  
Generating pkg recipe...  
[WARNING] Skipping pkg recipe, since the download format is already pkg.  
You've now created 4 recipes with Recipe Robot. Well done!  
[On]
```

Let's Do Another! Reveal Recipes

toolbox.munki.recipe — Docker Inc

* toolbox.download.recipe * toolbox.munki.recipe

```
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>Comment</key>-
6    <string>Created with Recipe Robot v1.0.1 (https://github.com/homebysix/recipe-robot)</string>-
7    <key>Description</key>-
8    <string>Downloads the latest version of toolbox and imports it into Munki.</string>-
9    <key>Identifier</key>-
10   <string>com.github.gregneagle.munki.toolbox</string>-
11   <key>Input</key>-
12   <dict>-
13     <key>MUNKI_REPO_SUBDIR</key>-
14     <string>apps/%NAME%</string>-
15     <key>NAME</key>-
16     <string>toolbox</string>-
17     <key>pkginfo</key>-
18     <dict>-
19       <key>blocking_applications</key>-
20       <array>-
21         <string>Docker Quickstart Terminal.app</string>-
22         <string>Kitematic \(Beta\).app</string>-
23         <string>Kitematic \(Beta\) Helper NP.app</string>-
24         <string>Kitematic \(Beta\) Helper EH.app</string>-
25         <string>Kitematic \(Beta\) Helper.app</string>-
26         <string>VirtualBox.app</string>-
27         <string>VirtualBoxVM.app</string>-
28         <string>vmstarter.app</string>-
29       </array>-
30       <key>catalogs</key>-
31       <array>-
32         <string>testing</string>-
33       </array>-
34       <key>description</key>-
35       <string>The Docker Toolbox</string>-
36       <key>developer</key>-
37       <string>Docker Inc</string>-
38       <key>display_name</key>-
39       <string>toolbox</string>-
40       <key>name</key>-
41       <string>%NAME%</string>-
42       <key>unattended_install</key>-
43       <true/>-
44     </dict>-

```

Learning more

https://github.com/autopkg/autopkg/wiki

Code

Issues 31

Pull requests 19

Wiki

Pulse

Graphs

Getting Started

Timothy Sutton edited this page on Jan 22, 2015 · 24 revisions

A brief "getting started" tutorial

Some parts of this short tutorial assume you have a working Munki repo configured that you can mount from your admin machine. Munki isn't strictly required to use AutoPkg - for example, it can simply build packages - but Munki is so far the only supported system that can be "imported into." If you aren't using Munki, you can still use AutoPkg to find the latest updates, download them, and repackage them (if needed) for deployment -- you would then need to manually import them into whatever software distribution system you are using.

Installation and configuration

AutoPkg is distributed as an installer package, and it's recommended to also install Git for the purpose of installing and updating community recipes. AutoPkg requires 10.6 or later.

Install AutoPkg

Install the [latest pkg release](#). This will also install and load a LaunchDaemon used by AutoPkg's packaging component. This allows AutoPkg to build packages without requiring root privileges.

Install Git

Git is used by AutoPkg to add new community recipe repos, and to keep them up to date. One

▶ Pages 61

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 - [Important Variable Names](#)
 - [Recipe Search Order](#)
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 - [Recipe Overrides](#)
 - [Recipe-writing Guidelines](#)
 - [Using CodeSignatureVerification](#)
 - [Finding Recipes](#)
 - [Sharing Recipes](#)



command

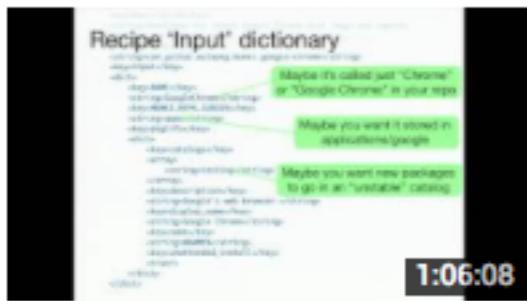
[MacAdmins Home Page](#)

Penn State MacAdmins

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2014 Conference Videos



[You Oughta Check Out AutoPkg](#)

by Penn State MacAdmins

2,328 views • 1 year ago

[https://www.youtube.com/
watch?v=mqK-MAEZekI](https://www.youtube.com/watch?v=mqK-MAEZekI)



On September 29 - October 2 , we proudly present the

[http://docs.macsysadmin.se/ 2014/video/Day2Session5.mp4](http://docs.macsysadmin.se/2014/video/Day2Session5.mp4)

MacSysAdmin 2015 is the forum for Mac & iOS Administrators to gain knowledge, meet colleagues, make acquaintances and exchange experiences. The target audience is System Administrators from enterprises, schools and institutions where Mac and/or iOS devices make up a considerable part of the computing environment, as well as technical consultants from resellers, consulting firms and distributors concentrating on the Mac world.

Among the speakers you'll find Pepijn Bruienne, Morten Davidsen, Arek Dreyer, Charles Edge, Alan Gordon, Marko Jung, Andrina Kelly, Timo Lemburg, Jonathan Lewis, Eli Marchi, Duncan McCreath, Greg Nease, John Soward, Harry Stamerjohann, Tim Sutton, Kevin White and others.

These world leading experts on OS X, OS X Server, iOS and related technologies will lecture on subjects of vital importance during the conference. During the breaks you can mingle, discuss, argue and have fun with your peers.

The conference will be held at Folkets Hus in the center of Göteborg, Sweden.

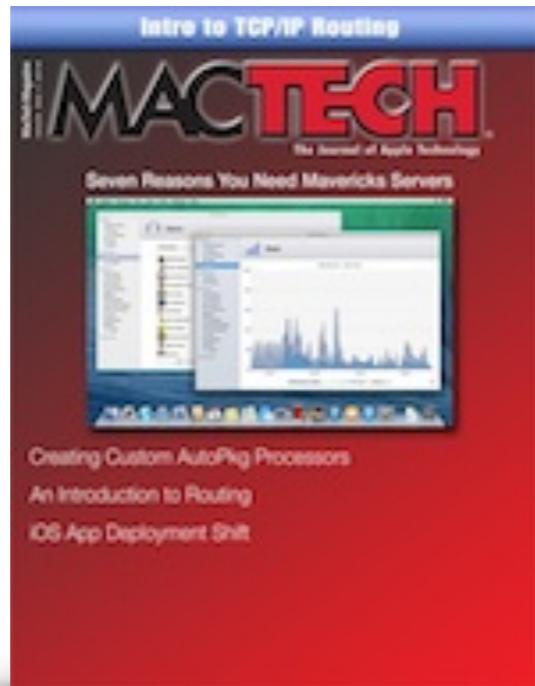
Seats are limited to 240.

All sessions are held in English.

Welcome!

[http://docs.macsysadmin.se/ 2013/video/Day2Session4.mp4](http://docs.macsysadmin.se/2013/video/Day2Session4.mp4)





MacTech magazine

(Issues 342 and 343: early 2014)

A screenshot of a web browser window displaying the AutoPkg GitHub Pages site. The URL in the address bar is autopkg.github.io/autopkg/. The page content includes a sidebar on the left with the AutoPkg logo and a "View On GitHub" button. The main content area features a large heading "AutoPkg", a description of the system, and links to the wiki and discussion page.

AutoPkg

Automating tedious tasks since 2010!

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AutoPkg

AutoPkg is a system for automatically preparing software for distribution to managed clients. Recipes allow you to specify a series of simple actions which combined together can perform complex tasks, similar to Automator workflows or Unix pipes.

See [the wiki](#) for more information and full documentation.

Discussion of the use and development of AutoPkg is [here](#).

<http://autopkg.github.io/autopkg>

Download and install the latest installer package.

<https://github.com/autopkg/autopkg>

Configuration

Set the MUNKI_REPO preference to use recipes that can import to a Munki repository.

```
defaults write com.github.autopkg MUNKI_REPO /path/to/your/munki/repo
```

Usage

These are just a few examples. See [the wiki](#) for more usage info.

Run a recipe:

```
autopkg run recipename
```

The background of the image is a clear blue sky with a few wispy white clouds. In the upper right quadrant, a bright, thin crescent moon is visible, partially illuminated by the sun.

AutoPkg + Munki