



链滴

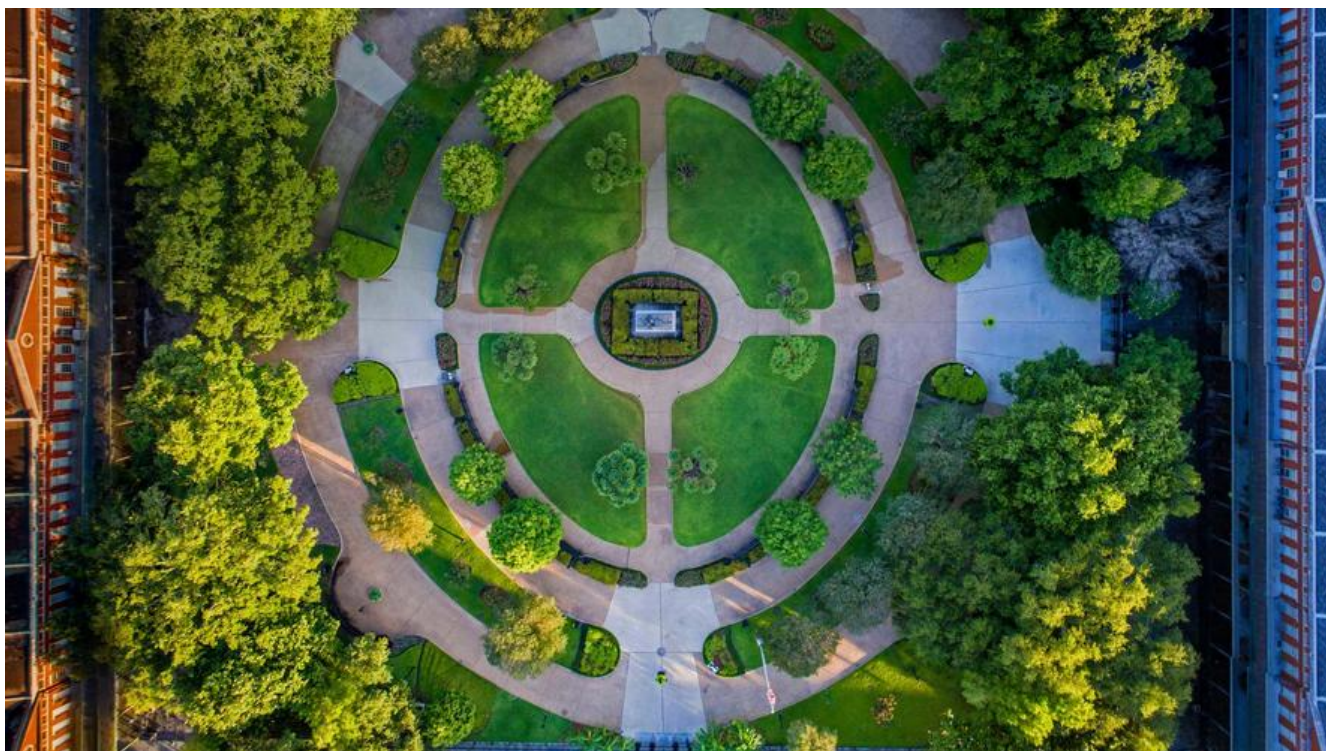
apt (PPA) 源的恢复

作者: [hsxian](#)

原文链接: <https://ld246.com/article/1560698406102>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)



说明

在 Ubuntu 下，很多时候我们会添加 apt 源，使用 `apt update` 更新后再进行软件的安装。但也有一教程是教对文件 `/etc/apt/sources.list` 的修改，可如果我们忘记对文件进行备份，可能会把事情搞砸好吧，我承认前面的这种情况只是我们臆想）。真实的问题是这样的，新装的 Ubuntu 系统，莫名其妙的 `apt update` 执行后有些软件就是死活找不到。比如安装 `sudo apt install gnome-tweak-tool` 就是不到 `gnome-tweak-tool` 这个软件。而且 `apt search tweak` 执行后啥也搜不到，很明显的是 `apt source` 的损坏或者缺失。这种问题在某些 `docker` 镜像中执行 `apt` 更新或者安装时也遇到过，当时以为是镜的某种限制导致的。但后面的问题让我清晰的认识到就是 apt 源的缺失。

解决办法

1. 复制正常的 `/etc/apt/sources.list`

这样的方式会获得多一些的 apt 源，但这不能保证更新到正常源的全部，并且还会报公钥 `GPG Keys` 失的错误。同样的复制完全正常的整个文件夹 `/etc/apt/` 也解决不了任何问题。

2. 使用源列表生成工具

这里找到一个名为 `simplylinux` 的网站。他提供了 `RepoGen` 工具，可以在线生成新的源列表。只需提一些简单的配置，比如，所在的国家地区，Ubuntu 版本以及是否使用一些常见的第三方的源（第三源要求 `GPG Keys`，网站会自动生成）。

Ubuntu Sources List Generator

[Home](#) | [Add Country](#) | [Add Repository](#) | [Feedback](#) | [Last Changes](#) | [DebGen \(Debian\)](#) | [Collected Stats](#)

If you like to support RepoGen then consider to flattr it: [Flattr](#)

NEWS: Updated to PHP 7.0 - contains bugs!!!

Select your country

China

Select your release

Bionic 18.04 (Alpha 2)

Ubuntu Branches

- Main - Officially supported software. ?
 Main Sources Repository
- Restricted - Supported software that is not available under a completely free license. ?
 Restricted Sources Repository
- Universe - Community-maintained, i.e. not officially supported software. ?
 Universe Sources Repository
- Multiverse - Software that is "not free". ?
 Multiverse Sources Repository

The "multiverse" component contains software that is "not free", which means the licensing requirements of this software do not meet the Ubuntu "main" Component Licence Policy.

The onus is on you to verify your rights to use this software and comply with the licensing terms of the copyright holder.

Ubuntu Updates

- Security - Important Security Updates. ?
 Security Sources Repository
- Updates - Recommended Updates. ?
 Updates Sources Repository
- Proposed - Pre-released Updates. ?
 Proposed Sources Repository
- Backports - Unsupported Updates. ?
 Backports Sources Repository

This software is not supported and usually cannot be fixed or updated. Use it at your own risk.

The testing area for updates. This repository is recommended only to those interested in helping to test updates and provide feedback.

你可以把Ubuntu Branches和Ubuntu Updates全都选上，另外选择自己需要的第三方源。

3rd Parties Repos

32 - those repos are compiled for a 32bit OS

64 - those repos are compiled for a 64bit OS

✓ - those repos are considered as trusted by my. This does not mean they can't/won't harm your system. I consider them as good however you use them on your own risk.

- Boomaga PPA ([Homepage](#)) ([Howto](#)) 32 64 ✓
- Boomaga PPA Source Repository

Boomaga (BOOKlet MAnager) is a virtual printer for viewing a document before printing it out using the physical printer. The program is very simple to work with. Running any program, click "print" and select "Boomaga" to see in several seconds (CUPS takes some time to respond) the Boomaga window open. If you print out one more document, it gets added to the previous one, and you can also print them out as one.

- Geary PPA ([Homepage](#)) ([Howto](#)) 32 64 ✓
- Geary PPA Source Repository

Geary is an email application built around conversations, for the GNOME 3 desktop. It allows you to read, find and send email with a straightforward, modern interface.

- Gimp PPA ([Homepage](#)) ([Howto](#)) 32 64 ✓
- Gimp PPA Source Repository

This is a repository for all of the Gimp trunk git builds that otto06217 wants. Current version in this PPA is GIMP 2.8.0 which also features the Single Window Mode. This works perfectly on Precise.

- Google Chrome Browser ([Homepage](#)) ([Howto](#)) 64 ✓

Google Chrome runs websites and applications with lightning speed.

- Google Earth ([Homepage](#)) ([Howto](#)) 64 ✓

Get the world's geographic information at your fingertips. Take a virtual journey to any location in the world. Explore 3D buildings, imagery, and terrain. Find cities, places and local businesses.

- Highly Explosive PPA ([Homepage](#)) ([Howto](#)) 32 64
- Highly Explosive PPA Source Repository

Every photographer needs some tools. Packages with the latest graphics software, absent in other PPA.

最后在最底部点击生成列表按钮 **Generate List** 即可。

我们可以选择复制文本到 `sources.list` 中，或者执行网站提供的下载重定向命令，看起来像这样的 `curl https://repogen.simplylinux.ch/txt/bionic/sources_<code>.txt | sudo tee /etc/apt/sources.list`。会覆盖原本的 `/etc/apt/sources.list` 文件。

For more information see [here](#)

Sources List

Direct Link to [Sources List](#) or use:

WARNING: This will overwrite your existing sources.list:

```
curl https://repopen.simplylinux.ch/txt/bionic/sources_3ed6681a4538803b918b6b81909fd70711d6185c.txt | sudo tee /etc/apt/sources.list
```

```
-----#
#                               #
#                               #
-----#

##### Ubuntu Main Repos
deb http://cn.archive.ubuntu.com/ubuntu/ bionic main restricted universe multiverse
deb-src http://cn.archive.ubuntu.com/ubuntu/ bionic main restricted universe multiverse

##### Ubuntu Update Repos
deb http://cn.archive.ubuntu.com/ubuntu/ bionic-security main restricted universe multiverse
deb http://cn.archive.ubuntu.com/ubuntu/ bionic-updates main restricted universe multiverse
deb http://cn.archive.ubuntu.com/ubuntu/ bionic-proposed main restricted universe multiverse
deb http://cn.archive.ubuntu.com/ubuntu/ bionic-backports main restricted universe multiverse
deb-src http://cn.archive.ubuntu.com/ubuntu/ bionic-security main restricted universe multiverse
deb-src http://cn.archive.ubuntu.com/ubuntu/ bionic-updates main restricted universe multiverse
deb-src http://cn.archive.ubuntu.com/ubuntu/ bionic-proposed main restricted universe multiverse
deb-src http://cn.archive.ubuntu.com/ubuntu/ bionic-backports main restricted universe multiverse

#-----#
#                               #
#                               #
-----#
UNOFFICIAL UBUNTU REPOS
#
```

GPG Keys

Direct Link to [GPG Key List](#) or use:

```
curl https://repopen.simplylinux.ch/txt/bionic/gpg_3ed6681a4538803b918b6b81909fd70711d6185c.txt | sudo tee /etc/apt/gpg_keys.txt
```

```
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys 7A51D6F2
```

当然，前面提到的第三方源的GPG Keys添加方式也类似。该方法来源于[unix.stackexchange](#)社区对Ery package “has no installation candidate” 问题的解答。

总结

很多时候我们对一些问题束手无策，主要还是来源于不了解，来源于无知。最好的方法是保持好奇心努力钻研。当然，面对计算机问题，还是多多上外网看看。英语很重要！英语很重要！英语很重要！是计算机世界的源头。