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## 9 holiday gift ideas for open source enthusiasts in 2022

Our community contributors share their gift ideas for fellow fans of open source.

By [Opensource.com](#)

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gift ideas. The end of the year is full of holiday spirit, but these gifts are perfect for any reason or season.

## Programmable hardware

I would love to recommend the [Digirule2](#). I want one for myself! Unfortunately, they are out of stock.

The Digirule2 is an 8-bit programmable minimal instruction set computer in the style of the Altair 8800, where you enter a program in machine code. It's a great way to explore programming, or to teach others how programming works at the hardware level with machine code. Every program instruction is an 8-bit binary code that you enter via switches and LEDs on the ruler. You can enter programs with up to 256 instructions.

Since I was unable to buy one, I wrote an 8-bit programmable minimal instruction set computer for Linux, called the [Toy CPU](#).

—[Jim Hall](#)

## More Linux resources

[Linux commands cheat sheet](#)

[Advanced Linux commands cheat sheet](#)

[Free online course: RHEL technical overview](#)

[Linux networking cheat sheet](#)

[SELinux cheat sheet](#)

[Linux common commands cheat sheet](#)

[What are Linux containers?](#)

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## Linux screensavers for Windows machines

Give the gift of one of these two [Linux distributions](#) that run as screensavers for Microsoft Windows systems.

Price is \$0. Download them here:

<https://people.redhat.com/chward/QemuSaverOpen/QemuSaverOpen-1-6.zip>  
<https://people.redhat.com/chward/QemuSaverOpen/QemuSaverOpenGames-1-4.zip>

—Chris Ward

## For java lovers

For the open source developer who loves coffee, the [Spinn](#) is amazing.

—[John E. Picozzi](#)

## Raspberry pi alternative

The [ODROID-H3](#) is a single board computer billed as a Raspberry Pi killer. It's selling for \$165.

—[Don Watkins](#)

## Mastodon

If you've made the leap to [Mastodon](#), set up a monthly donation to your home server.

—[Deb Richardson](#)

## Open source router

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[OpenWRT](#) based

Performant hardware

Not quite cheap though

–[Stephan Avenwedde](#)

## Books

[Standard Ebooks](#) produces new editions of public domain ebooks with really nice formatting, an open source workflow, have no DRM, and cost \$0 to download.

They essentially provide the finishing touches for the work started by Project Gutenberg. One of these ebooks could be a nice \$0 gift (in the event that you're strapped for cash) for somebody who loves reading the classics or obscure.

–[Seth Kenlon](#)

Every open source enthusiast needs a copy of [Virus Bomb](#) and [Bullseye Breach](#). Enjoy the fiction. Use the education. Jerry Barkley is just an IT contractor trying to earn a living and feed his family. He never worked for the government. He's no superhero. But reactions to the cyberattack scenarios he runs up against and the solutions he comes up with are as real as can be. Maybe real superheroes are ordinary people who step up when called.

–[Greg Scott](#)

## Music

Music makes a great gift. Think about buying interesting music in open formats - FLAC, or vinyl(!!!) for example - for your friends and loved ones.

–[Chris Hermansen](#)

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t-shirt purchase back to the project.

A Raspberry Pi

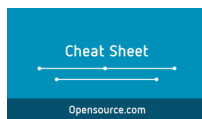
Stickers from your favorite conference or project

Project donations and memberships

Another idea is to finally make that code contribution you've been putting off. That's a gift to a loved one who uses the software (and to the project's maintainers).

If you're still unsure of what to get, download and print one of our many [eBooks or cheat sheets](#) for that special someone in your life.

## Downloadable gift ideas



### Cheat sheet: Git

By [Seth Kenlon](#)

Version control is an important tool for anyone looking to track their changes these days. It's especially helpful for programmers, sysadmins, and site reliability engineers...



### A guide to implementing DevSecOps

By [Will Kelly](#)

This downloadable guide walks you through a phased approach to implementing DevSecOps wherever you are on your transformation journey.



### A guide to installing applications on Linux

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any given task. Flexibility is built into the system with Linux, so while GNOME Software provides one easy...



## Rust cheat sheet

By [Seth Kenlon](#)

Rust is a programming language focusing on speed, concurrency, and safety. Thanks to its integration with online registries, its helpful compiler, and its almost intuitive...



## Chaos engineering for Kubernetes

By [Jessica Cherry](#)

Get started with Kubernetes using chaos engineering. This eBook guides you through responsible experimentation.



## A guide to Java serverless functions

By [Daniel Oh](#)

Quarkus is a Java framework that aims to design serverless applications and write cloud-native microservices for running on cloud infrastructures (e.g., Kubernetes). It is...



## 30 hidden gems in Python 3

By [Moshe Zadka](#)

Python 3 has been out since 2008, and it has had ten minor releases between 3.0 and 3.9. Each of those releases packed more features than most people know. Some of those are...

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By [Steve Ovens](#)

Home automation is an exciting and fun branch of tech. Start designing your home automation solutions today with open source tools, and then share your innovation with others...



## Containers and Pods 101 eBook

By [Seth Kenlon](#)

Get started with containers on your own personal computer with this handy guide.

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**Jim Hall**



**John E. Picozzi**



**Don Watkins**



**Deb Richardson**



**Stephan  
Avenwedde**



**Seth Kenlon**

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[D. Greg Scott](#)



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