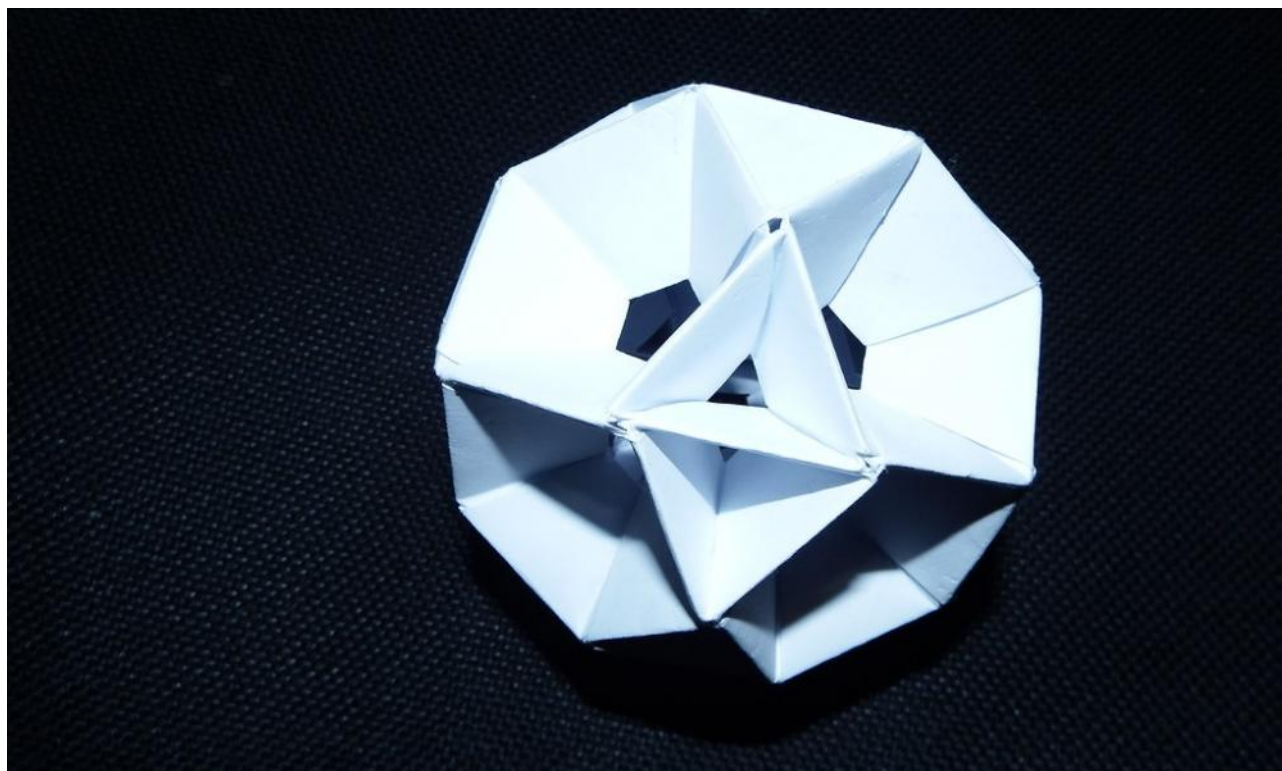


# Help with COVID-19 research using Folding@home on Linux

By *Roy Schestowitz*

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Right now, every human on the planet is affected in some way by the COVID-19 pandemic. Many people are looking

for ways they can help. People are making masks and starting projects to invent or provide critical equipment. One thing you can do is donate what you have. If you're like me, you have computing hardware sitting idle much of the time?that's a resource that can contribute to finding a solution to the COVID-19 pandemic, as well as things like Alzheimer's disease and cancer.

[...]

Folding@home started in 2000 with volunteers donating CPU and GPU time on computers that would otherwise be idle to work on things like creating antibiotics and curing cancer, and since then has made many important contributions. Currently, Folding@home makes more than 100 petaflops of processing power available to researchers. One current high-priority project is the research being done to find ways to combat the COVID-19 pandemic.

The Folding@home software can be installed on almost any computer. There are client downloads for Windows, macOS, and Linux. There is a VMware appliance. There are also projects to get the client running on Android and a Chrome plugin. There's even a Docker image.

In this article, we'll look at the Linux install and configuration, and we'll look at a headless install for CentOS 7 that you can use to build multiple VMs.

[4]

[GNU Linux SciFi](#)

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[4] <https://www.redhat.com/sysadmin/covid-folding-home>