

Programming: Lucid Vision Labs, Librem 5, Instana, Python and GNU

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- [Time-of-Flight camera is powered by Jetson TX2](#) [2]

Lucid Vision Labs unveiled a MIPI-CSI2 equipped "Helios Embedded" version of its new Helios Time of Flight 3D camera that combines a Jetson TX2 with a Sony DepthSense IMX556PLR ToF sensor with under-5mm accuracy at 0.3 to 1.5 meters.

Time-of-Flight (ToF) technology spans a range of infrared laser scanners from 3D imaging and navigation systems found on autonomous robots and self-driving cars to the camera flash mechanism inside the Huawei Honor View 20 phone. Most ToF cameras are controlled from a Windows or Linux PCs, such as the Basler ToF Camera, the Terabee 3Dcam 80×60, or Lucid Vision Labs' Helios ToF Camera, which was announced last October and is due to ship later this month. Now Lucid has announced a similar Helios Embedded version of the Helios ToF due in Q4 2019 that can operate autonomously thanks to its Jetson TX2 module.

- [Librem 5 June Software Update](#) [3]

Hi everyone! The Librem 5 team has been hard at work, and we want to update you all on our software progress.

Conferences

A couple of blog posts back, we mentioned that our hardware engineer gave a talk at KiCon and it is available for watching now!

Also, recently Tobias Bernard attended the Libre Graphics Meeting, where he had lots of conversation around the future photo viewing application for the Librem 5 phone.

- [Instana Releases Red Hat OpenShift Kubernetes Operator Built on Quarkus](#) [4]

Red Hat OpenShift introduced Kubernetes (K8s) Operator support with version 3.11. Since that time, the number of Operators created by the OpenShift community has been steadily growing. Instana introduced our Red Hat OpenShift Kubernetes Operator at Red Hat Summit 2019, and will be demonstrating our K8s capabilities at KubeCon Barcelona this week.

- [Book Contest: Creating GUI Applications with wxPython](#) [5]

- [How to Use Python lambda Functions](#) [6]

- [Event - GNU Hackers Meeting \(Madrid, Spain\)](#) [7]

Twelve years after its first edition in Orense, the GNU Hackers Meeting (2019-09-04?06) will help in Spain again. This is an opportunity to meet, hack, and learn with other free software enthusiasts.

[Development](#)

Source URL: <http://www.tuxmachines.org/node/125059>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/145>
- [2] <http://linuxgizmos.com/time-of-flight-camera-is-powered-by-jetson-tx2/>
- [3] <https://puri.sm/posts/librem-5-june-software-update/>
- [4] <https://blog.openshift.com/instana-releases-red-hat-openshift-kubernetes-operator-built-on-quarkus/>
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