Habana Labs Preps More Linux Code For Their AI Accelerators With The 5.7 Kernel

Habana Labs, the AI accelerator start-up being acquired by Intel, has more driver improvements on tap for Linux 5.7.

Habana Labs has been a good open-source supporter with punctually working on their mainline Linux driver enablement for their products. Their upstream Linux driver work started off at the start of 2019 with their for their Goya inference accelerator and increasing work on their Gaudi AI training product. They have been aiming to land their Gaudi enablement in Linux 5.7~5.8 but now it's looking like that will be the latter kernel if not longer.

Phoronix Test Suite 9.6 Milestone 1 Further Enhances The Benchmark Result Viewer

It has been just under one month since the release of Phoronix Test Suite 9.4 while available this morning is the first development snapshot/milestone on the road to next quarter's Phoronix Test Suite 9.6-Nittedal feature release.

[...]

Aside from the result viewer enhancements, Phoronix Test Suite 9.6 Milestone 1 also has continued BSD support improvements. Additionally, there is a new phoronix-test-suite analyze-run-times sub-command to provide more detailed information about how long a test within a result file took to run and other metrics for better analyzing test options within time constraints.
Ceph Octopus is now available

Ceph upstream released the first stable version of Octopus today, and you can test it easily on Ubuntu with automatic upgrades to the final GA release. This version adds significant multi-site replication capabilities, important for large-scale redundancy and disaster recovery. Ceph v15.2.0 Octopus packages are built for Ubuntu 18.04 LTS, CentOS 7 and 8, Container image (based on CentOS 8) and Debian Buster.

How to launch IoT devices? Part 4: When to ask for help

The best laid plans of mice and men often go awry. By following this series so far, you hopefully have an idea and a plan on getting that idea to market (part 1). Then you selected hardware that works with your software (part 2), as well as infrastructure that supports you along the way (part 3). Do you feel in a good position to launch your IoT product and get a piece of that trillion dollar pie?

Even the most successful products go off-course during development. In addition, when roadmaps, plans and budgets start to go wrong, it is easy to lose stakeholder support. This blog will explain how using specialists to outsource and co-create parts of a product will benefit your product in the short and long term.

Poland-based VentilAid project 3D prints open-source ventilator

Engineers and designers from Poland-based Urbicum have banded together to launch the VentilAid project, an effort to design an open-source ventilator which can be reproduced using a 3D printer and an assembly of basic, easily accessible parts. The open-source ventilator is being designed to help medical professionals in the fight against the coronavirus pandemic in cases where more traditional hospital resources are limited or exhausted.

"We are facing a serious threat due to COVID-19," the VentilAid team writes on its website. "Most of the countries are suffering severe shortage of medical equipment, that cannot be produced and delivered in a short time. Ventilators are essential to keep breathing when faced with the complications of COVID-19."

foss-north ? or doing many things at once

When placing this year's foss-north event over a quarter break I knew that I would be busy both at work and at the conference. Little did I know what was beyond the horizon 😐

As a consequence of the COVID-19 situation, the event has to be converted from a physical
meeting to a virtual event. This means many things to an organizer: renegotiating all sponsorship contracts, renegotiating with the physical venue, setting up the infrastructure for a virtual event, rescheduling all speakers, and so on.

We at foss-north are lucky. All sponsors continue to stay with us and the venue was very cooperative when it came to rescheduling the event.

I have started to document our virtual conference setup so that other conferences in the same situation can learn. Pull requests are welcome!

- **Daniel Stenberg: curl ootw: `?retry-max-time` [8]**

  curl supports retrying of operations that failed due to transient errors?, meaning that if the error code curl gets signals that the error is likely to be temporary and not the fault of curl or the user using curl, it can try again. You enable retrying with --retry [tries] where you tell curl how many times it should retry. If it reaches the maximum number of retries with a successful transfer, it will return error.

  A transient error can mean that the server is temporary overloaded or similar, so when curl retries it will by default wait a short while before doing the next round?. By default, it waits one second on the first retry and then it doubles the time for every new attempt until the waiting time reaches 10 minutes which then is the max waiting time. A user can set a custom delay between retries with the --retry-delay option.

- **Try our latest Test Pilot, Firefox for a Better Web, offering privacy and faster access to great content** [9]

  Today we are launching a new Test Pilot initiative called Firefox Better Web with Scroll. The Firefox Better Web initiative is about bringing the ease back to browsing the web. We know that publishers are getting the short end of the stick in the current online ad ecosystem and advertising networks make it difficult for excellent journalism to thrive. To give users what they want most, which is great quality content without getting tracked by third parties, we know there needs to be a change. We?ve combined Firefox and Scroll?s growing network of ad-free sites to offer users a fast and private web experience that we believe can be our future.

  If we?re going to create a better internet for everyone, we need to figure out how to make it work for publishers. Last year, we launched Enhanced Tracking Protection by default and have blocked more than two trillion third-party trackers to date, but it didn?t directly address the problems that publishers face. That?s where our partner Scroll comes in. By engaging with a better funding model, sites in their growing network no longer have to show you ads to make money. They can focus on quality not clicks. Firefox Better Web with Scroll gives you the fast, private web you want and supports publishers at the same time.
To try the Firefox Better Web online experience, Firefox users simply sign up for a Firefox account and install a web extension. As a Test Pilot, it will only be available in the US. The membership is 50% off for the first six months at $2.50 per month. This goes directly to fund publishers and writers, and in early tests we’ve found that sites make at least 40% more money than they would have made from showing you ads.

Misc

Source URL: http://www.tuxmachines.org/node/135600

Links:
[8] https://daniel.haxx.se/blog/2020/03/24/curl-ootw-retry-max-time/