today's leftovers

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- **InfiniTime 1.0 firmware released for PineTime smartwatch** [2]

  The PineTime smartwatch was unveiled and first launched in 2019, as a low-cost, open-source wearables development kit/platform for developers wanting to work on firmware development for the Nordic nRF52 powered device.

  Progress was made on various solutions such as ATCwatch Arduino firmware, and as time passed, the PineTime slowly became more like an ?enthusiast-grade? end-user product. This is basically what it has become with the first stable release of InfiniTime firmware, which was selected as the default firmware in September 2020.

- **SiFive Intelligence platform tapped by Tenstorrent and Renesas** [3]

  SiFive announced that AI chip startup Tenstorrent will license a new 64-bit SiFive Intelligence X280 CPU for its Tensix cores and that Renesas will adopt SiFive Intelligence for its
Tomorrow at the Linley Spring Processor Conference, RISC-V IP designer SiFive will unveil the X280, the first of the SiFive Intelligence family of processors announced last September. Meanwhile, SiFive has announced two early adopters of SiFive Intelligence. AI chip and software startup Tenstorrent will license the SiFive Intelligence X280 as a platform for its Tensix NPU. Renesas says it will license SiFive Intelligence for its automotive processors but did not specify the X280. (See farther below for more on the Tenstorrent and Renesas news.)

Onboarding and orchestrating network functions with Open Source MANO (OSM)[4]

Do I need to orchestrate my network functions? Well, the answer depends on the price-performance assumptions of your infrastructure and workloads.

It seems like ages that NFV is trying to fulfill the promises of reducing CAPEX (Capital Expenditure) and OPEX (operating expenses) by decoupling Network Functions (NFs) from the hardware and ensuring stability. However, despite the huge traction it has gained, there are still obstacles that must be overcome before NFV can be part of day-to-day operations in industrial deployments. Telcos need to build complex virtualized network functions while maintaining a high quality of service (QoS) so onboarding them cost-effectively and implementing the process for management and orchestration remains one of the biggest challenges. Right now, this process can take up to weeks, and operators and vendors are striving to cut it to a day.

Network function onboarding is an automated methodology for bringing new network functions into an operational NFV environment so that they can be instantiated, scaled in and out, and fully utilized to deliver features. It includes modeling the network function so that its features and interfaces can be published to any NFV environment, interoperable with the selected MANO, and other adopted deployment and testing mechanisms by multiple VNF vendors. ETSI OSM is an operator-led community that is delivering an open source Management and Orchestration (MANO) stack aligned with ETSI NFV Information Models and that meets the requirements of production NFV networks. It helps accelerate your migration to NFV with network function onboarding and then ensuring the automated orchestration of the network functions.

LibreELEC (Matrix) 10.0 BETA2 [5]

LibreELEC 10.0 BETA 2 is released! bringing Kodi (Matrix) v19.0 (including additional fixes) to LibreELEC users.
Changes from LibreELEC 10.0 BETA 1 are listed here. As discussed in the recent Upcoming Changes blog post it, the 10.0 release is a disruptive and limited hardware release. If you have not read the blog post ? please do ? because we are not releasing images for all hardware. In
summary: this is a stable release for Generic (x86_64 PCs). Stable-Beta for Allwinner and Rockchip. Stable ?Alpha? for Raspberry Pi 4 as the code is still very new. RPi 2/3 are still in development targeting an LE10.2 release. RPi 0/1 are discontinued. All others hardware is still in development and not in a state for formal releases.

* Krita Arrives in the Epic Store [6]

Krita is in the Epic Store! Epic already had support Krita with an Epic MegaGrant, so when Epic expanded their store to also offer applications, they approached us, asking whether we wanted to be part of the launch, we said yes!

Misc

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