today's leftovers

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- Hackvent Calendar Will Open The Door And Get Your Kids Soldering | Hackaday [2]

  Who says it?s too early to get in the holiday spirit? We say it?s not. After all, people need time to get in the spirit before it comes and goes. And what better way to count down the days until Christmas than an electronic Advent calendar?

- Rolling-Screw Extruder Goes Brushless | Hackaday [3]

  In the name of saving weight and pushing plastic, it?s nice to see continuous tweaks on 3D printer extruders from folks in their spare time. And to go where no extruder has gone before, [wayne dalton] has managed to combine the rolling screw thread extruder concept directly onto a brushless pancake motor. The result is a filament pushing mechanism weighing in at just under 90 grams. What?s more, this modification arrives a few weeks weeks after we first saw an open source version of the rolling screw thread extruder land on Thingiverse back in September.

- Eigencomm EC616/EC616S SoC supports Cat-NB2 cellular IoT [4]

  Eigencomm EC616/EC616S are Cortex-M3 microcontrollers supporting the 3GPP R13/R14 NB-IoT standard, with 3GPP R14 notably introducing the newer LTE Cat-NB2 standard allowing higher bitrates up to 127 kbps downlink, and up to 159 kbps uplink, and OTDOA and E-CID positioning methods.
Both EC616 and EC616S are virtually identical, but the EC616S comes with fewer GPIOs and is designed for the lowest possible BoM cost for modules as small as 10×10 mm. Both target similar IoT applications such as wireless meter reading, smoke detection, smart street lights, smart logistics, asset tracking, smart fire monitoring, smart parking, smart home, wearable devices, industry 4.0, smart agriculture, and others.

- **Check Out The Top 8 New Games to Play on Linux With Proton Since November 2021** [5]

  We are back with our usual monthly update! Boiling Steam looks at the latest data dumps from ProtonDB to give you a quick list of new games that work (pretty much?) perfectly with Proton since November 2021? all of them work out of the box or well enough with tweaks...

- **Dirk Eddelbuettel: RcppSpdlog 0.0.7 on CRAN: Package Maintenance** [6]

  A new version 0.0.7 of RcppSpdlog is now on CRAN. RcppSpdlog bundles spdlog, a wonderful header-only C++ logging library with all the bells and whistles you would want that was written by Gabi Melman, and also includes fmt by Victor Zverovich.

  This release brings upstream bugfix releases 1.9.1 and 1.9.2 of spdlog. We also removed the YAML file (and badge) for the disgraced former continuous integration service we shall not name (yet that we all used to use). And just like digest four days ago, drat three days ago, littler two days ago, and RcppAPT yesterday, we converted the vignettes from using the minidown package to the (fairly new) simplermarkdown package which is so much more appropriate for our use of the minimal water.css style.

- **How to install CudaText on a Chromebook** [7]

  Today we are looking at how to install CudaText on a Chromebook. Please follow the video/audio guide as a tutorial where we explain the process step by step and use the commands below.

- **CentOS Stream 9 Full Install Guide [Netinstall] ? If Not True Then False** [8]

  This is full guide, howto install CentOS Stream 9 using minimal boot iso image. I install CentOS Stream 9 Workstation, but also CentOS Stream 9 Server installation is possible using exactly same method. I also use network installation (netinstall), but you can also download
and use full CentOS Stream 9 DVD iso image.

- **Intel Continues Making Preparations For Ray-Tracing With Their Linux Graphics Driver - Phoronix**
  
  Intel's open-source Linux graphics driver developers continue making their driver preparations for being able to accommodate Vulkan ray-tracing with upcoming Xe HPG graphics having ray-tracing hardware capabilities.

  For over one year now Intel has been making preparations for Vulkan ray-tracing with their open-source Linux graphics driver stack. The big feature addition has resulted in a variety of driver changes and they are inching towards the milestone of having things working.

- **Linux Weekly Roundup #159**
  
  Welcome to this week's Linux release roundup.

  NixOS 21.11, openSUSE 15.4 Alpha, EndeavourOS 21.4, CentOS 9, Arch Linux 2021.12.01, Robolinux 12.12, and Nitrux OS 2021.12.02 have been released this week.

  Blender 3.0 has also been released this week.

Misc

Source URL: [http://www.tuxmachines.org/node/158766](http://www.tuxmachines.org/node/158766)

Links:
[1] [http://www.tuxmachines.org/taxonomy/term/78](http://www.tuxmachines.org/taxonomy/term/78)
[2] [https://hackaday.com/2021/12/05/hackvent-calendar-will-open-the-door-and-get-your-kids-soldering/](https://hackaday.com/2021/12/05/hackvent-calendar-will-open-the-door-and-get-your-kids-soldering/)
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[6] [http://dirk.eddelbuettel.com/blog/2021/12/05#rcppspdlog_0.0.7](http://dirk.eddelbuettel.com/blog/2021/12/05#rcppspdlog_0.0.7)
[7] [https://www.linuxmadesimple.info/2021/12/how-to-install-cudatext-on-chromebook.html](https://www.linuxmadesimple.info/2021/12/how-to-install-cudatext-on-chromebook.html)
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