today's leftovers

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- **Chrome OS 75 rolling out with Linux improvements, playing DRM video on external displays**[2]

  After rolling out to Android, Mac, Windows, and Linux, version 75 of Chrome OS is now available. Notable features include Linux improvements and more parental control options with Family Link.

  Linux on Chrome OS pick up support for Android devices over USB and VPN connections. Linux apps can access Android devices connected over USB, with this particularly useful for Android developers debugging and pushing APKs.

  Meanwhile, Linux applications can utilize existing Android or Chrome OS VPNs. All traffic from the Linux VM will automatically be routed through an established connection.

- **New laptop: ThinkPad X390** [3]

  The 13? 1920x1080 screen at ~160 dpi is a bit uncomfortable to use with my poor eyesight, so first I tried to use GNOME Tweaks to scale fonts to 120%. This worked okay-ish (a shame that Firefox ignores this and I had to tweak it separately) until I plugged in an external monitor (~80 dpi) where the large fonts were cartoonishly too large. Next, I enabled GNOME?s experimental fractional scaling support (I use a Ubuntu on Wayland session instead of the default one) and (after a reboot) set the zoom level on the internal screen to 125% (after resetting font scaling back to 100%, of course). Wayland apps look nice and crisp, X11 apps (Firefox) look fuzzy, but shrug at least I can read the text without squinting.

- **Concurrent Real-Time Introduces RedHawk Linux for NVIDIA's Jetson AGX Xavier** [4]

In supporting the AGX Xavier, RedHawk Linux is well positioned for embedded applications in aerospace, defense, automotive, industrial and medical markets that require high-performance, low-power consumption and deterministic response. RedHawk provides a guaranteed response time of less than 50 microseconds on the AGX Xavier.

- [IGEL Drives the Rapid Growth of Linux OS-Based Devices at the Edge](#)[5]

    ...in 2018 Linux, for the first time, surpassed Windows shipments for thin clients, growing 6% per annum from 2015 to 2018 while Windows OS shrank 5% per annum during the same period.

- [LinuxQuestions.org Turns Nineteen](#) [6]

    I'm proud to announce that LQ turned 19 yesterday! I'd like to once again thank each and every LQ member for their participation and feedback. While there is always room for improvement, that LQ has remained a friendly and welcoming place for new Linux members despite its constantly growing member-base and geographic distribution is a testament to the community.

    To say that feedback has been absolutely critical to our success is an understatement. As has become tradition, I'd like to use this thread to collect as much feedback as possible about LQ. What are we doing well and where can we improve? Where are we failing? What can we do to ensure long time members remain engaged and willing to help? What can we do to ensure new members feel welcome? What should we be doing differently?

    As part of our 19 year anniversary, we'll be randomly selecting 19 posts from this thread and upgrading that member to "Contributing Member" status for one year. Stay tuned, and thanks again for being a member. Together, I think we can make LQ even better.

- [Flea Madness sound like a ridiculously fun multiplayer game where you eat your enemies](#)[7]

    Flea Madness, currently in development by Priple is a fast-paced multiplayer action game that looks good and the idea sounds pretty amusing too.

    Each player assumes the role of an alien flea, a biological weapon with a singular purpose?eat everything. As you hunt and eat others, you evolve into a more dangerous creature too. Spread across the maps, you will find insects to eat, which will also give you various abilities although not all of them good for you. Some might speed you up, turn you invisible or reverse your controls.

- **[Steam?s Summer Sale 2019 Is Live With A New Way To Earn Free Games](#)**[8]

    Steam?s annual event, which PC gamers eagerly await each year, has finally started. The Steam Summer Sale 2019 is now live and will run through July 9, offering gamers a seemingly endless list of games to choose from.

    ?Start your engines, everybody? the Steam Summer Sale has begun! For the next 14 days, enjoy great savings on a huge selection of games and join in the Steam Grand Prix 2019 event until July 7th 10AM PDT,? Steam says in a blog post.

    Thousands of games across various genres are now available on discount, so if you don?t have a Steam wishlist, it could prove difficult to choose the games you want. However, to help you make a choice, we have listed some of the best deals from the Steam Summer Sale 2019.

- **[GCC 10 Lands Support For Intel Tiger Lake's AVX-512 VP2INTERSECT](#)** [9]

    Similar to the recent LLVM compiler work, the in-development GCC 10 compiler also now has support for the AVX-512 VP2INTERSECT instructions being introduced on Intel Tiger Lake CPUs.

- **[DisplayPort 2.0 Published For 3x Increase In Data Bandwidth Performance](#)**[10]

    VESA announced their first major update to the DisplayPort interface in three years.

    DisplayPort 2.0 provides for a three fold increase in data bandwidth performance compared to DP 1.4a, support beyond 8K resolutions, higher refresh rates and HDR at higher resolutions, and other enhancements. DisplayPort 2.0 will work both on DisplayPort connectors and USB Type-C with backwards compatibility.

- **[SiFive CEO Says RISC-V Servers are 'Five Years Away'](#)** [11]

    Last year he thought smartphones and servers were five and 10 years away, respectively, but he's had to "pull in his targets."

[Misc](#)

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[1] http://www.tuxmachines.org/taxonomy/term/78

[2] https://9to5google.com/2019/06/26/chrome-os-75-stable/

[3] https://mg.pov.lt/blog/x390.html

[4] https://www.prnewswire.com/news-releases/concurrent-real-time-introduces-redhawk-linux-for-nvidias-jetson-agx-xavier-300874483.html

[5] https://www.prnewswire.com/news-releases/igel-drives-the-rapid-growth-of-linux-os-based-devices-at-the-edge-300875138.html

[6] https://www.linuxquestions.org/questions/showthread.php?t=4175656444&goto=newpost

[7] https://www.gamingonlinux.com/articles/flea-madness-sound-like-a-ridiculously-fun-multiplayer-game-where-you-eat-your-enemies.14449

[8] https://www.valuewalk.com/2019/06/steam-summer-sale-2019/

[9] https://www.phoronix.com/scan.php?page=news_item&px=GCC-10-AVX-512-VP2INTERSECT

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