today's leftovers

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Created *14/06/2018 - 4:10am*
Submitted by Roy Schestowitz on Thursday 14th of June 2018 04:10:02 AM Filed under Misc [1]

- **Acer Chromebook 13 and Chromebook Spin 13 Will Support Linux Apps on Day One**[2]

    Acer's recently announced Chromebook 13 and Chromebook Spin 13 appear to be the first Chromebooks to ship with support for Linux apps out-of-the-box at launch.

    Google already announced that it worked on implementing support for Linux apps on Chrome OS during the Google I/O conference last month, and the first Chromebook to run Linux apps is Google's Pixelbook, as expected, and the functionality was later discovered to be available on the Samsung Chromebook Plus as well.

- **Why Open Source Needs Marketing (Even Though Developers Hate It)**[3]

- **ASIFA-Hollywood Continues Commitment To Open Source Animation Technology**[4]

    ?The last few years, there have been incredible advancements in the quality of open source software solutions for artists,? says Danny Young, ASIFA-Hollywood board member. ?Open Source software development is more than ever serving as a counterweight to put fantastic free technology in the hands of anyone who is curious enough to explore it. By supporting ASIFA-Hollywood, you make projects like this possible. So, thank you, ASIFA membership!?

- **Collabora Office 6.0** [5]

Today we release Collabora Office 6.0 ? the Migrator?s Choice with great features to smooth our customers? migration to an Open Source office suite as well as a hugely improved set of features and enhancements.

- **[BrowserStack Announces Enhanced Open-Source Program, EU's Web Censorship Plan, Qt for Python Now Available and More](#)** [6]

  BrowserStack this morning announced its enhanced open source program, which offers free testing of open source software on the BrowserStack Real Device Cloud. The press release states that "BrowserStack is doubling down on its support for open source projects with full and unlimited access to the BrowserStack platform and its capabilities. The goal is to empower open source developers with the tools and infrastructure necessary to test with speed, accuracy and scale." See the BrowserStack blog post "Supporting Open Source to Drive Community Innovation" for more on BrowserStack's commitment to open source.

- **[Locks in the classroom ? 2018](#)** [7]

  For the sixth year now, our grade nine students have been doing 3D modeling using Blender. We ran late this year, but the final locks were finished a couple of weeks ago, and they?re finally ready for publishing.

- **[CVE-2018-3665: Lazy State Save/Restore As The Latest CPU Speculative Execution Issue](#)**[8]

  The latest speculative execution vulnerability affecting modern CPUs has now been made public: Lazy State Save/Restore, a.k.a. CVE-2018-3665.

  This vulnerability concerns saving/restore state when switching between applications. The newly-disclosed vulnerability exploits lazy-state restores for floating-point state when context switching, which is done as a performance optimization, to obtain information about the activity of other applications on the system.

- **[AI Is Coming to Edge Computing Devices](#)**[9]

  Very few non-server systems run software that could be called machine learning (ML) and artificial intelligence (AI). Yet, server-class ?AI on the Edge? applications are coming to embedded devices, and Arm intends to fight with Intel and AMD over every last one of them.

- **Cortex-A76, Mali-G76, and ML chip designs pump up AI** [10]

  Arm?s Cortex-A76 design offers speed/efficiency improvements including a 4x boost in AI performance, and is paired with a new Mali-G76 GPU that is also said to aid AI. Meanwhile, Arm revealed more details on its upcoming ML co-processors.

[Misc](#)

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[2] https://news.softpedia.com/news/acer-chromebook-13-and-chromebook-spin-13-will-support-linux-apps-from-day-one-521532.shtml

[3] https://www.forbes.com/sites/forbescommunicationscouncil/2018/06/13/why-open-source-needs-marketing-even-though-developers-hate-it/

[4] https://www.shootonline.com/spw/asifa-hollywood-continues-commitment-open-source-animation-technology

[5] https://www.collaboraoffice.com/collabora-office-6-0/

[6] https://www.linuxjournal.com/content/browserstack-announces-enhanced-open-source-program-eus-web-censorship-plan-qt-python-now-0

[7] https://www.jdieter.net/posts/2018/06/13/locks-in-the-classroom-2018/

[8] https://www.phoronix.com/scan.php?page=news_item&px=Lazy-State-Restore-Spec-Exec

[9] https://www.linux.com/blog/2018/6/ai-coming-edge-computing-devices

[10] http://linuxgizmos.com/cortex-a76-mali-g76-and-ml-chip-designs-pump-up-ai/