Gnews November 2015

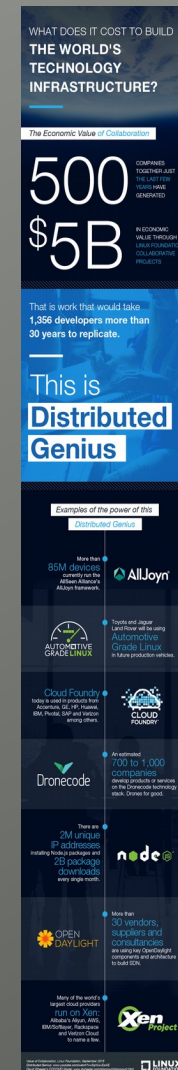# Disclaimer

- I am tired, very sore and on lots of pain killers.

- If I stuff up, just shout the answer.

- Send all complaints to tim.cook@apple.com

Linux economic worth

- With info graphic! ...

- that is too big to fit here ------------->

- Essentially, $5,000,000,000 economic growth

http://www.linuxfoundation.org/publications/linux-foundation/estimating-total-development-cost-linux-foundation-collaborative-projects

Mozillas $1,402,731.12 of free love

- Mozilla Open Source Support (MOSS)
- Support the free software that suppose them.

1,000,000.00 USD = 1,402,731.12 AUD
US Dollar ↔ Australian Dollar
1 USD = 1.40273 AUD   1 AUD = 0.712895 USD

https://wiki.mozilla.org/MOSS

https://wiki.mozilla.org/MOSS/Projects_in_use_by_Mozilla

OpenStack and Linux Foundations set for 2016 rollout

- The 'cloud' continues its march forward.

- Qualification in its professional certification scheme.

- Over 150 countries use it, could be important.

- Cisco, Dell, HP, IBM, Intel, Oracle, Red Hat, and Vmware.

- Personally, this is a mental anaesthetic :D

http://www.zdnet.com/article/admins-get-first-openstack-professional-certification-openstack-and-linux-foundations-set-for-2016/#ftag=RSSbaffb68

SUSE Offers Beta Preview of SUSE OpenStack Cloud 6

- Non-disruptive upgrade capabilities to ease migration to future OpenStack releases.

- High availability features to enable customers to run legacy or business-critical applications

  https://www.suse.com/company/press/2015/suse-offers-beta-preview-of-suse-openstack-cloud-6.html

Red Hat Inc acquires Ansible

- Multi-tier architecture, multi-layer consistency, and multi-vendor. Multi-ball pinball.

- https://www.redhat.com/en/about/blog/why-red-hat-acquired-ansible

Microsoft and Red Hat announce partnership

- Red Hat solutions available natively to Microsoft Azure

- Enterprise support

- Ability for hybrid cloud systems

- Embrace, Extend, Extinguish < My inner cynic

- $$$$$$$$$$$$$$$$$$

- https://blogs.microsoft.com/?p=54883?
  wt.mc_id=WW_ABG_CLD_OO_SCL_TW&Ocid=C+E
  %20Social
  %20FY16_Social_TW_MSCloud_20151104_268989404

KDE turns 19

- Older enough to drink and has made many mistakes since.

- Just awesome news really

Firefox on BSD

- Just kidding! It's iOS!

EFF: Do U.S. Copyright Laws Work in the Digital Age?

- This is posed a question. Thus it implied it does not work.

- "Copyright was intended to promote creativity, but the law has not developed to support the explosion of creativity enabled by new technologies."

- Betteridge's law of headlines

- https://www.eff.org/press/releases/eff-congressional-roundtable-do-us-copyright-laws-work-digital-age

Applying the Free Software Criteria

- RMS has yet another article about how to define Free Software

- About how to recommend software

- What is ethical, the usual stuff.

- Sexy.rms

- https://www.gnu.org/philosophy/applying-free-sw-criteria.html

On the other side of this

Steam brings 1,600 Games To Linux In Three Years

- Only 1% of users

- Valve make significant investments in open-source graphics stack - Other areas of Linux

- Involved in the creation of the Vulkan graphics API

  https://www.phoronix.com/scan.php?page=news_item&px=Steam-Linux-Beta-Three

With Your Dad

SHOWER WITH YOUR DAD SIMULATOR 2015

DO YOU STILL SHOWER WITH YOUR DAD?

▶ 🔊✕ ▬▬▬▬▬▬▬▬▬▬ ✕ Autoplay videos   0:08 / 0:52 ▭

SHOWER WITH YOUR DAD SIMULATOR 2015

DO YOU STILL SHOWER WITH YOUR DAD?

"Shower With Your Dad Simulator 2015: Do You Still Shower With Your Dad?" is a fast paced shower-simulation where you shower with your 8-bit dad. It's good, clean fun!

User reviews: Overwhelmingly Positive (3,186 reviews)

Release Date: 3 Sep, 2015

Popular user-defined tags for this product:

| Indie | Nudity | Story Rich | Simulation | Action | + |

Why Cybersecurity Experts Want Public Source Routers

- "In our letter [PDF], the scientists and engineers most deeply concerned with the internet have finally spoken with one voice, loud enough, maybe, to make a difference"

- "The request comes amid a wider debate on how the FCC should ensure that Wi-Fi routers' wireless signals don't "go outside stated regulatory rules" and cause harmful interference to other devices like cordless phones, radar, and satellite dishes."

- FCC has said, people can still hack their own equipment.

- Cars fix this before tomorrow!

- http://motherboard.vice.com/read/heres-why-cybersecurity-experts-want-open-source-routers

  http://fqcodel.bufferbloat.net/~d/fcc_saner_software_practices.pdf

Novena: A Laptop With No Secrets

- It is still coming!

- Free down to the firmware level

- Still kind of ugly.

*Cat not included

Google wants to design its own Android chips

- Already doing it for "enterprise connectivity device"

- Light on details.

- Potentially reaction to lack of co-operation.

- https://www.theverge.com/2015/11/5/9678040/google-android-chip-design-smartphones

Welcome Asus Chromebook C201 to Libreboot

- Modern, still available on the market.

- Free EC firmware (unlike some other laptops)

- Rockchip RK3288 SoC – No mobile networking

- No libre drivers/firmware for Wifi or Graphics.

- Wifi via USB – Think Penguin is your friend

- Graphics – Software rendering, slow but free.

- http://www.libreboot.org/docs/hcl/c201.html

But you need an operating system!

Parabola first FSF approved Disto to Support ARM

- Liberate packages from Arch ARM

- Port all x86 packages from our repos.

- FSF approved of course

- https://www.parabola.nu/news/parabola-supports-armv7/

Additions to GNU

- Libreboot now a part of GNU project.

- Gnome moving over very soon

- Entire system now really complete... almost.

- Hurd now up to v0.7 – Still no audio or USB

- http://libreboot.org/gnu/

- https://www.gnu.org/software/hurd/news/2015-10-31-releases.html
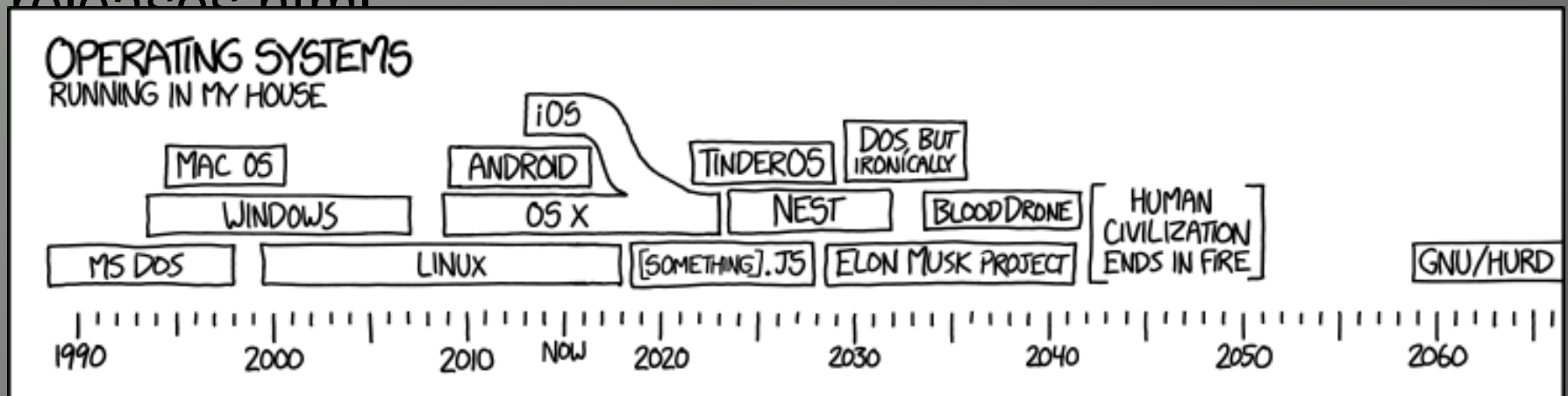
LibreOffice 5.1 in final development stage

- 19,000 commits

- 300 developers

- A bit of everything.

- Super fast now. Trust me, Office 2016 easily crushed.

- https://blog.documentfoundation.org/2015/10/28/libreoffice-5-1-in-final-development-stage/

Intel releases OpenSWR project (Mesa MIT license)

- High-performance graphics software rasterizer (Software GPU)

- Modern replacement for LLVMpipe & 29~51x faster

- Sorry Intel - Larrabee still isn't happening.

- Should work with AMD CPUs. Assuming your processor has AVX/AVX2 & Intel doesn't mess with the compiler.

  https://www.phoronix.com/scan.php?page=news_item&px=Intel-OpenSWR-Mesa

  http://lists.freedesktop.org/archives/mesa-dev/2015-October/097816.html

  https://github.com/OpenSWR/openswr-mesa

Wireshark 2

- New UI
- Simplified interface and prefs
- Minimap scrollbar
- Graphing
- HTTPS? Nope!
- https://blog.wireshark.org/2015/11/let-me-tell-you-about-wireshark-2-0/

Police to get power to view web browsing history of everyone in UK.

- Plans to be announced in House of Commons Wednesday 4th Nov.

- Telco's to retain for 12 months

- Police able to access all of it without a warrant.

- Website meta data. Not that it makes a difference.

- http://www.telegraph.co.uk/news/uknews/crime/11964655/Police-to-be-granted-powers-to-view-your-internet-history.html

Ten years after Sony's DRM crimes

- Mark Russinovich published a description of surveillance malware that was secretly installed on users' computers by the DRM on Sony music CDs

- Likely be another opportunity for action on DRM in HTML soon, and we intend make the most of it. Emails. Angry emails! Lots of them too.

- https://www.defectivebydesign.org/ten-years-after-sony-rootkit

Ransom-ware targeting Linux servers

- Ransom-ware adds the .encrypt extension to each file and places a ransom text message in each folder where it encrypts data

- Web developer focused

- Only 1 Bitcoin – Doge coin, is a 'no go'.

- Already cracked. But for how long?

- https://vms.drweb.com/virus/?i=7703983

- http://news.softpedia.com/news/ransomware-found-targetting-linux-servers-and-coding-repositories-495836.shtml

Chrome and Android to be merged

- Possible preview at Google I/O next year.

- For tablets, phones, laptops, desktops

- Android to Chrome or - Chrome to Android?

- http://www.theverge.com/2015/10/29/9639950/google-combining-android-chromeos-report

Bad Gnews :(

TPP

Leaked TPP Text is All That We Feared

- Rules for Rightsholders, Soft Guidelines for Users.

- Copyright Terms, Circumventing DRM, Top-Down Control of the Internet, ISP Liability and "all" the good bits.

- Its bad.

- Really bad!

- https://www.efa.org.au/2015/10/12/final-leaked-tpp-text/

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Finish up

- My compliments to Etherpad. Very cool!