

OpenBSD News

Październik



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O co chodzi?

- Przybliżenie nowinek i ciekawostek z świata *BSD
- Comiesięczne zestawienie
 - Trochę ponad miesięczne :)



NetBSD: Threading Support in LLDB Continued



The NetBSD Project

"Of course it runs NetBSD"

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Threading support in LLDB continued

October 05, 2019 posted by Michał Górny

2019-10-05 https://blog.netbsd.org/tnf/entry/threading_support_in_lldb_continued



NetBSD: Stabilization of the ptrace(2) threads

Stabilization of the ptrace(2) threads continued

November 04, 2019 posted by *Kamil Rytarowski*

Stabilization of the ptrace(2) threads

October 10, 2019 posted by *Kamil Rytarowski*

2019-10-10 https://blog.netbsd.org/tnf/entry/stabilization_of_the_ptrace_2

2019-11-04 http://blog.netbsd.org/tnf/entry/stabilization_of_the_ptrace_21



FreeBSD on the Google Pixelbook

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FreeBSD and custom firmware on the Google Pixelbook

Back in 2015, I jumped on the ThinkPad bandwagon by getting an X240 to run FreeBSD on. Unlike most people in the ThinkPad crowd, I actually liked the clickpad and didn't use the trackpoint much. But this summer I've decided that it was time for something newer. I wanted something..

- lighter and thinner (ha, turns out this is actually important, I got tired of carrying a T H I C C laptop - Apple was right all along);
- with a 3:2 display (why is Lenovo making these Serious Work™ laptops 16:9 in the first place?? 16:9 is **awful** in below-13-inch sizes especially);
- with a HiDPI display (and ideally with a good size for exact 2x scaling instead of fractional);
- with USB-C ports;
- without a dGPU, especially without an NVIDIA GPU;
- assembled with screws and not glue (I don't necessarily need expansion and stuff in a laptop all that much, but being able to replace the battery without dealing with a glued chassis is good);
- supported by FreeBSD of course ("some development required" is okay but I'm not going to write big drivers);
- how about something with open source firmware, that would be fun.

The Qualcomm aarch64 laptops were out because embedded GPU drivers like freedreno (and UFS storage drivers and Qualcomm Wi-



Ghidra LE/LX loader (works on BSD)

oshogbo//vx
My place in space

A Ghidra loader for the Linear eXecutable format

Oct. 11, 2019, 5:27 p.m.



I recently was looking at some old games. Really old games. Games that were running on the DOS. When I grabbed a random game, it turns out that it was built using the DOS4GW extender.

When I was young (almost 10 years ago) I helped a little bit with porting **swars** to the modern OS. When I looked around I couldn't find any free loader for the LE/LX format, so I decided to create one.

2019-10-11 <https://oshogbo.vexillium.org/blog/70/>

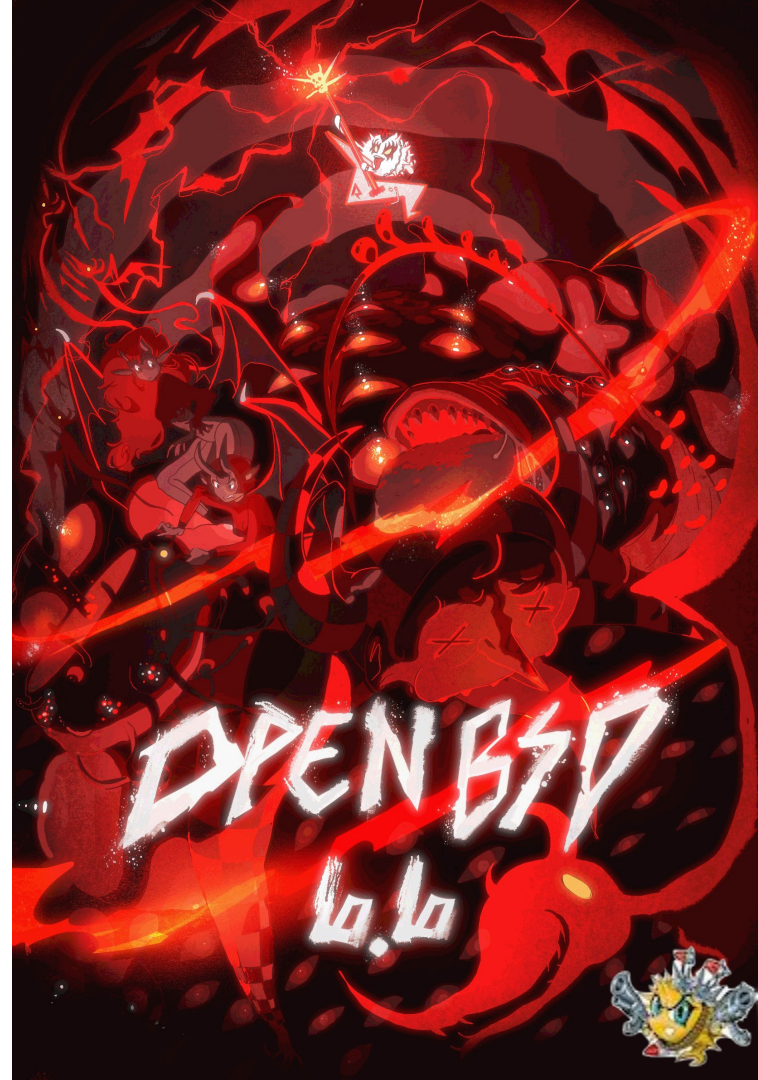


OpenBSD 6.6

- **sysupgrade(8)** (backported Patch 012).
- **Octeon platform** now uses **clang(1)** as base compiler.
- **amdgpu(4)** driver for AMD GPU added.
- **startx(1)** and **xinit(1)** are again supported.
- **unveil(2)** improvements and usage in 77 base programs.
- **ntpd(9)** gets and sets the clock securely during boot, even in the absence of a battery-backed clock.
- **smtpd(8)** now supports built-in and experimental standalone filters.

<https://undeadly.org/cgi?action=article:sid=20191017135642>

2019-10-17



Linux Scoop featuring GhostBSD 19.09

GhostBSD 19.09 – Based on FreeBSD 12.0-STABLE and Using MATE Desktop 1.22 by Linux Scoop

by Cao | Oct 18, 2019 | GhostBSD, Video | 0 comments

User Linux Scoop did video demo on the latest GhostBSD 19.09. GhostBSD is an open-source operating system based on TrueOS and FreeBSD, with its default desktop environment as MATE. Scoop tries out the installer, web browsing, Station Tweak, and some applications as GIMP and Rhythmbox. Press play below to enjoy the elegance of what GhostBSD has to offer:



2019-10-18 <https://www.youtube.com/watch?v=y5lyh-SJWR0>



FreeBSD Timezone errata

- Impacts **all supported FreeBSD** versions
 - Upgrade your system to a supported FreeBSD stable or release / security branch
 - Update your system via a binary patch
 - Update your system via a source code patch
- Restart all applications/daemons or reboot the system

<https://www.freebsd.org/security/advisories/FreeBSD-EN-19:18.tzdata.asc>

```
-----BEGIN PGP SIGNED MESSAGE-----  
Hash: SHA512
```

```
FreeBSD-EN-19:18.tzdata
```

```
Errata Notice  
The FreeBSD Project
```

```
Topic:           Timezone database information update
```

```
Category:        contrib
```

```
Module:          zoneinfo
```

```
Announced:      2019-10-23
```

```
Affects:         All supported versions of FreeBSD.
```

```
Corrected:       2019-09-15 10:54:18 UTC (stable/12, 12.1-STABLE)
```

```
2019-10-23 03:25:32 UTC (releng/12.0, 12.0-RELEASE-p11)
```

```
2019-09-15 10:54:33 UTC (stable/11, 11.3-STABLE)
```

```
2019-10-23 03:25:32 UTC (releng/11.3, 11.3-RELEASE-p4)
```

```
2019-10-23 03:25:32 UTC (releng/11.2, 11.2-RELEASE-p15)
```

```
Note: The upcoming release of FreeBSD 12.1 was branched after the original  
commit to the stable branch and already includes the updated timezone  
information.
```

```
For general information regarding FreeBSD Errata Notices and Security  
Advisories, including descriptions of the fields above, security  
branches, and the following sections, please visit  
<URL:https://security.FreeBSD.org/>.
```

2019-10-23



RetGuard on OpenBSD/octeon (mips64)



2019-10-23 <https://twitter.com/canadianbryan/status/1187537727694233600?s=19>



New OpenBSD Store



All Products

About



OpenBSD 6.6 (plain)

Premium Tee
€25.00



OpenBSD 6.6 (Puffy Simmons)

Premium Tee
€25.00



OpenBSD 6.6 (Evon)

Premium Tee
€25.00



OpenBSD 6.6 (Mill)

Premium Tee
€25.00

2019-10-24 <https://teespring.com/stores/openbsd>



EuroBSDCon 2019 videos available

- Marc Espie: Advanced ports toolkit: near-perfect packing-list generation
- Phillipp Buhler: OpenBSD: add VMM to 'packer'
- Mischa Peters: The OpenBSD Hypervisor in the wild, a short story.
- Reyk Floeter: Modernizing relayd & the road to HTTP/2
- Stefan Sperling: Game of Trees
- Patrick Wildt: Wireless Fidelity with bwfm(4)
- Alexander Bluhm: Visualization of Regression and Performance

2019-10-28 <https://www.youtube.com/channel/UCO570reC1zAvYbwlU9ubGGw>



Programista: Artykuł o PAM



2019-10 <https://programistamag.pl/pam-tworzenie-wlasnych-modulow-uwierzytelniania/>



FreeBSD 12.1



2019-11-04 <https://www.freebsd.org/releases/12.1R/relnotes.html>



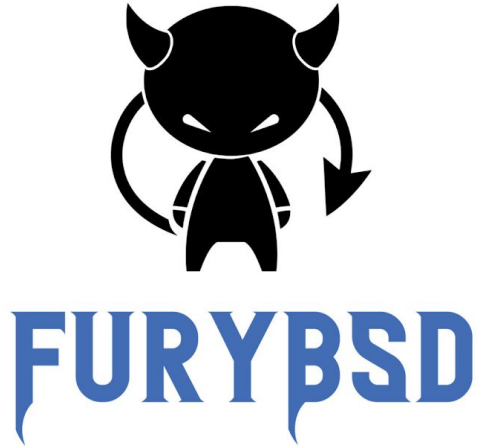
FreeBSD 11.2 End-of-life in October



2019-10-11 <https://www.freebsdnews.com/2019/10/11/end-of-life-freebsd-11-2/>



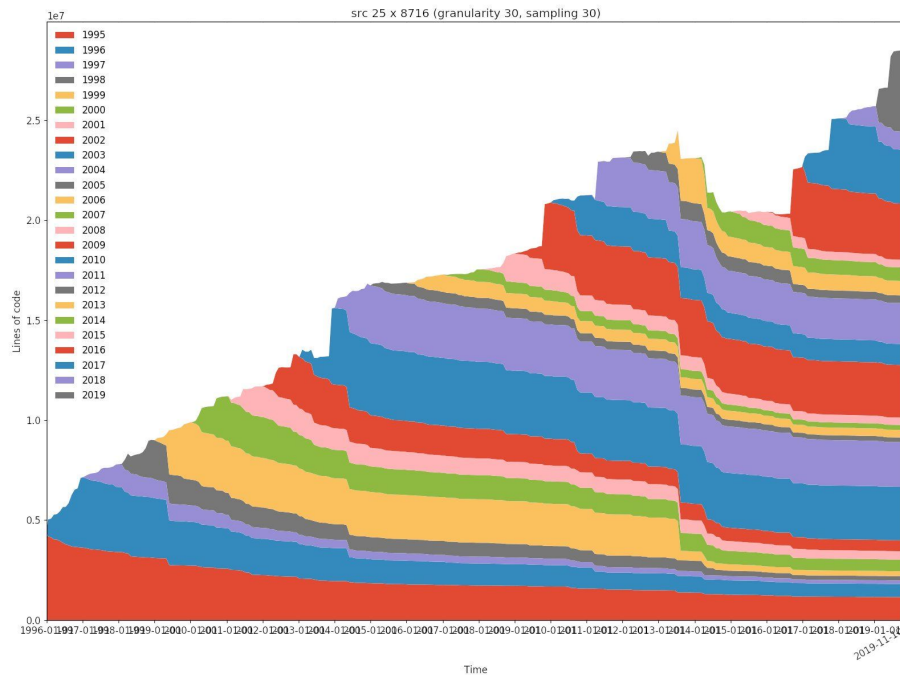
FuryBSD unveil at KnoxBUG



2019-11-02 <https://www.furybsd.org/furybsd-video-overview-at-knoxbug/>



OpenBSD Code Survivability Chart



2019-11-05 <https://twitter.com/mulander/status/1191710426746281985>



BSD Humble Book Bundle



2019-11 <https://www.humblebundle.com/books/linux-bsd-bookshelf-2019-books>



Dzięki!

