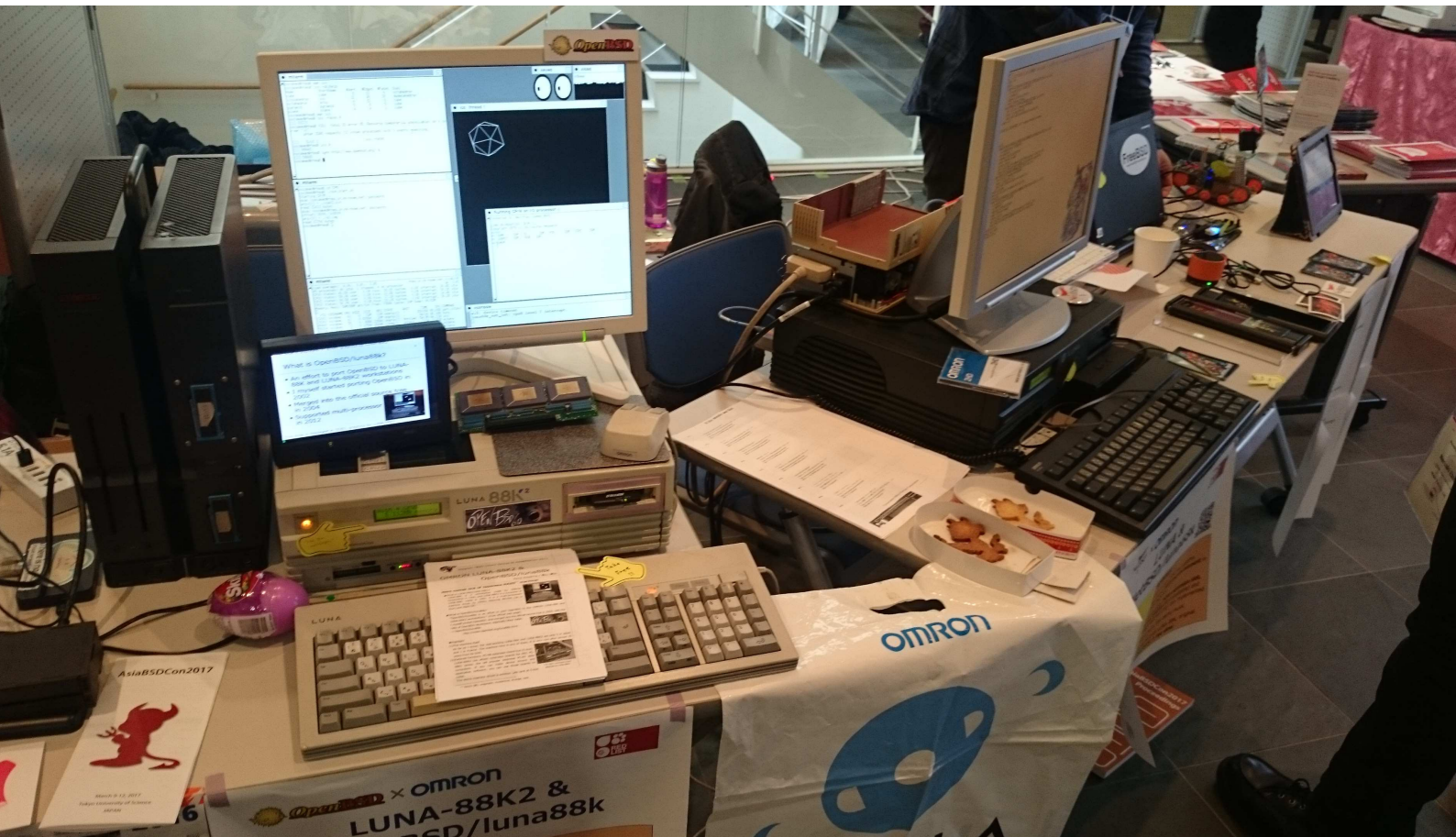


AsiaBSDCon

NetBSD



日本 NetBSD ユーザーグループ
Japan NetBSD Users' Group

2018

1. BSD BOF <https://2018.asiabsdcon.org/program.html.en>

- Mar.9 2018,19:00-21:30
- TOKYO UNIVERSITY OF SCIENCE: Building No.11: Room 11-7
- http://wiki.netbsd.org/summits/AsiaBSDCon_2018_BSD_BoF/

2. NetBSD BOF <https://2017.asiabsdcon.org/program.html.en>

- IIJ meeting room on 13th floor. Iidabashi Grand Bloom
 - http://wiki.netbsd.org/summits/AsiaBSDCon_2017_NetBSD_BoF/
1. Makoto Fujiwara(mef@n.o) check-update - pkgsrc freshness - 10-15 minutes
 2. Makoto Fujiwara(mef@n.o) How-To-Update pkg of my machine - my peculiar way - 10-15 minutes
 3. Kazuya Goda What' s the best practice for implementation of rumpclient? 20 minutes
 4. Abhinav Upadhyay TBD (Updates on man-k.org) 10-15 minutes
 5. Abhinav Upadhyay TBD (new implementation for spell(1)) 15-20 minutes

3. NetBSD BOF <https://2016.asiabsdcon.org/program.html.en>

- Day 2:M5 Room E 2016/3/11 18:00-21:00, 09:00-12:00(UTC)
 - http://wiki.netbsd.org/summits/AsiaBSDCon_2016_NetBSD_BoF/
1. Jun Ebihara (jun@) OpenSourceConference Activity and NetBSD RPI image 15 minutes
 2. Ryota Ozaki (ozaki-r@) Current status of NetBSD MP-safe network stack project 25 minutes
 3. Kengo Nakahara (knakahara@) Introduction of passive reference 15 minutes
 4. Masanobu SAITOH (msaitoh@), Naoya Kaneko Wireless LAN service in AsiaBSDCon 2016 and SA-W2 20 minutes
 5. Joerg Sonnenberger (joerg@) Clang on SPARC (30 minutes)
 6. Ryo ONODERA (ryoon@) Secure communication using pkgsrc 15 minutes

4. NetBSD BOF <http://2015.asiabsdcon.org/timetable.html.ja#M4>

- Day 2: Room E 2015/3/13 18:30-21:00
 - almost 25 people
 - <http://2015.asiabsdcon.org/streaming.html.en>
 - Notify pooka: <http://wiki.rumpkernel.org/Info%3A-Publications-and-Talks#talks>
 - <https://docs.google.com/spreadsheets/d/14q6zJK5PjLMoSeBV5HBiEik5LkqlrcrbSxPoxVKKlec/edit?usp=sharing>
1. Taylor R Campbell (riastradh@), A brief overview of DRM/KMS and its status in NetBSD
 2. Kazuya Goda, Development of vxlan(4) using rumpkernel
 3. Makoto Fujiwara (mef@), List of packages to be updated out of 12,000
 4. Jun Ebihara (jun@), RPI/RPI2/Cubieboard2/BananaPI images.
 5. Ryo Onodera (ryoon@),How to package github softwares

5. NetBSD BOF 2014 2014/3/14 18:30-21:00

- almost 25 people
1. Pierre Pronchery (khorben@) Touch your NetBSD and Call your NetBSD
 2. Guillaume Lasmayous (gls@) - NetBSDfr
 3. Masanobu SAITOH (msaitoh@) - headless system
 4. Ryota Ozaki & Kazuya GODA- Improving bridge(4)
 5. Masaru Oki (oki@) kernel module (for DPDK)
 6. Jun Ebihara (jun@) - NetBSDjp

6. BARS

1. CRAFTBEER SERVER LAND: 17-24 SatSunHol 12-24,03-6228-1891
2. The Royal Scotsman : 17-25 Sat:15-25 Sun:15-23,03-6280-8852
3. Bitter : 17-26 Closed SatHol,03-5261-3087
4. Brussels: 1730-25/24 Closed Sun,03-3235-1890
5. La-cachette: 17-25 ,03-3513-0823

6. Saizeriya: 11-05,03-5227-3751
7. Ebisu bar: 11-23,050-5788-0446

7. Coffee

1. GUILD COFFEE,12-19,03-3266-5995
2. Mojo Coffee,9-20,03-6265-3286
3. Copain,8-20,03-3267-7779
4. Midori no Mame,11-20,03-3269-3712

8. Gigs

1. tokyo gig guide www.tokyogigguide.com/en/

9. AsiaBSDCon

2018	Mar.8-11	Tokyo University of Science
2017	Mar.9-12	Tokyo University of Science
2016	Mar.10-13	Tokyo University of Science
2015	Mar.12-15	Tokyo University of Science
2014	Mar.13-16	Tokyo University of Science
2013	Mar.14-17	Tokyo University of Science
2012	Mar.22-25	Tokyo University of Science
2011	Mar.17-20	Tokyo University of Science
2010	Mar.11-14	Tokyo University of Science
2009	Mar.12-15	Tokyo University of Science
2008	Mar.27-30	Tokyo University of Science
2007	Mar.8-11	University of Tokyo
2004	Mar.13-15	Academia Sinica

10. AsiaBSDCon Traveler's Guide backnumber

AsiaBSDCon2018	http://www.re.soum.co.jp/~jun/asiabsdcon2018.pdf
AsiaBSDCon2017	http://www.re.soum.co.jp/~jun/asiabsdcon2017.pdf
AsiaBSDCon2016	http://www.re.soum.co.jp/~jun/asiabsdcon2016.pdf
AsiaBSDCon2015	http://www.re.soum.co.jp/~jun/asiabsdcon2015.pdf
AsiaBSDCon2014	http://www.re.soum.co.jp/~jun/asiabsdcon2014.pdf
AsiaBSDCon2013	http://www.re.soum.co.jp/~jun/asiabsdcon2013.pdf

11. AsiaBSDCon tweets on the togetter

AsiaBSDCon2018	https://togetter.com/li/1206515
AsiaBSDCon2017	https://togetter.com/li/1084357
AsiaBSDCon2016	http://togetter.com/li/947029
AsiaBSDCon2015	http://togetter.com/li/793444
AsiaBSDCon2014	http://togetter.com/li/641519
AsiaBSDCon2013	http://togetter.com/li/472002

12. Japan NetBSD Users『 Group

- <http://www.jp.NetBSD.org/>
- <ftp.jp.netbsd.org>
- <cvs.jp.netbsd.org>
- mailinglists
- <http://www.facebook.com/NetBSD.jp>
- Since Aug.21 1999
- Annual meeting/year on every July.
- 44 members
- 18 committee
- Server space: powered by Internet Initiative Japan.

13. Open Source Conference

- <http://www.ospn.jp/>
- Since 2005
- Over 100 Conference all over Japan
- Japan NetBSD Users' Group joins almost all Open Source Conference
- <https://github.com/ebijun/NetBSD/blob/master/Guide/OSC/OSC100.csv>
- 1st OSC award: <http://www.ospn.jp/press/20140218osc-award.html>
- NetBSD Booth
- NetBSD Seminar (45min)
- NetBSD traveler's guide

14. Together views : best booth in Japan

AsiaBSDCon 2018	https://togetter.com/li/1206515	7
Raspberry Jam Big Birthday Weekend 2018 in TOKYO NetBSD booth	https://togetter.com/li/1204795	320
OpenSourceConference2018 Tokyo/Spring NetBSD booth	https://togetter.com/li/1202581	571
OpenSourceConference2018 Hamanako NetBSD booth	https://togetter.com/li/1198246	499
OpenSourceConference2018 Osaka NetBSD booth	https://togetter.com/li/1193730	803
OpenSourceConference2017 Hiroshima NetBSD booth	https://togetter.com/li/1175260	883
Kansai Open Forum 2017 NetBSD booth	https://togetter.com/li/1170068	796
OpenSourceConference2017 Nagaoka NetBSD booth	https://togetter.com/li/1165451	325
OpenSourceConference2017 Shimane NetBSD booth	https://togetter.com/li/1160781	575
OpenSourceConference2017 Fukuoka NetBSD booth	https://togetter.com/li/1158733	412
OpenSourceConference2017 Tokyo/Fall NetBSD booth	https://togetter.com/li/1148810	1205
OpenSourceConference2017 Chiba NetBSD booth	https://togetter.com/li/1146818	493
SecurityCamp2017	https://togetter.com/li/1140652	2889
OpenSourceConference2017 Kyoto NetBSD booth	https://togetter.com/li/1136708	2186
OpenSourceConference2017 Hokkaido NetBSD booth	https://togetter.com/li/1130009	950
Japan NetBSD Users' Group annual meeting 2017 の記録	https://togetter.com/li/1127726	821
OpenSourceConference2017 Okinawa NetBSD booth	https://togetter.com/li/1120958	968
OpenSourceConference2017 Nagoya NBUG & NetBSD booth	https://togetter.com/li/1114389	1423
OpenSourceConference2017 Tokyo/Spring NetBSD booth	https://togetter.com/li/1089005	1480
AsiaBSDCon 2017	https://togetter.com/li/1084357	4058
OpenSourceConference2017 Hamanako NetBSD booth	https://togetter.com/li/1080372	1108
OpenSourceConference2017 Osaka NetBSD booth	https://togetter.com/li/1075115	1364

15. Live Images:

- Release for every Open Source Conference
- Fit for 2GB
- Copy to Memory card
- boot NetBSD-current
- startx & mikutter
- RPI/RPI2 (earmv6hf/earmv7hf)
- Allwinner Cubieboard2/BananaPI (earmv7hf)
- hpcarm (earm)
- zaurus (earm)
- <ftp://ftp.NetBSD.org/pub/NetBSD/misc/jun/>
- Teokure Images by @tsutsui <http://www.ceres.dti.ne.jp/tsutsui/netbsd/liveimage/>

16. Digging your scene

- X68K and XM6i emulator : Hiroshima : @isaki68k @moveccr @oshimyja
- SH3 @oshimyja:
- Xen: @tisiyara
- OMRON LUNA68K : Kyoto : @tsutsui @nullnilaki
- OMRON LUNA88K (OpenBSD) : Nagoya @ao_kenji
- SONY NEWS : Shimane : @n12i
- Sun3 : Kyoto: @tsutsui
- Alpha : Nagoya: @nullnilaki
- mvme68k : Tokyo: @nullnilaki
- arm boards: Tokyo : @h_kenken @rsh @naobsd @tokudahiroshi
- netwinder: kiyohara
- OpenBlocks: Tokyo Okinawa: @tokudahiroshi @yamajun_ofug

- Zaurus: @nonakap @tristelo
- Java Station: mochida
- Netwalker: @rsh @h_kenken @kapper1224
- libreoffice: @ryo_on
- Stickers: @tsutsui @okano_t @nullnilaki
- Booth: @ebijun @oshimya @ai4432 @tisihara @tokudahiroshi
- mikutter: @toshi_a
- mlterm: @arakiken
- musica: @cvsync

17. NetBSD Traveler's Guide

- <http://github.com/ebijun/osc-demo>
- textproc/py-sphinx
- devel/git-base + github
- print/scribus-qt4
- graphics/inkscape
- print/pdfshuffler
- 15x20pages
- printout in 7/11:2,000yen

18. Our Likeness

18.1. NetBSD machines at Open Source Conference 2017 Osaka

The Japan NetBSD Users' Group held booth at the Open Source Conference 2017 Osaka on Jan.28 2017:

<http://www.ospn.jp/osc2017-osaka/> <https://www.facebook.com/events/1789923797907417/>
<http://www.jp.NetBSD.org/> <https://www.facebook.com/NetBSD.jp/>

Presentation:

PC6001 emulator PC6001VX on NetBSD + pkgsrc by tsutsui@

<https://speakerdeck.com/tsutsui/osc2017-osaka-pc-6001-emulator-on-netbsd-and-pkgsrc> <http://p.twipple.jp/Y1iJu>

Booth:

<http://p.twipple.jp/8ervd>

PC6001 PSG Play demonstration

<http://ch.nicovideo.jp/tsutsui/blomaga/ar1165341>

- NEC PC6001+PC6082: <http://p.twipple.jp/uLJ8m>
- PC6001VX NetBSD7/i386 pkgsrc/emulators/PC6001VX <http://p.twipple.jp/EQtkl>

XM6i X68030 emulator <http://xm6i.org/> - NetBSD/x68k on RaspberryPI 3 NetBSD/earmv7hf

<http://p.twipple.jp/ca3kW>

omxplayer+Xfce4 Raspberry PI2

<http://p.twipple.jp/i5qyW>

mikutter stickers:

<http://p.twipple.jp/dxIun>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017osaka.pdf>

Demo Images: RPI:

<http://mail-index.netbsd.org/port-arm/2017/01/25/msg004087.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1075115>

18.2. NetBSD machines at Open Source Conference 2017 Hamanako

The Japan NetBSD Users' Group members held booth at the Open Source Conference 2017 Hamanako on Feb. 12 2017:

<http://www.ospn.jp/osc2017-hamanako/> <https://www.facebook.com/events/1440270795987946/>

<https://www.facebook.com/NetBSD.jp/>

Booth:

<http://p.twipple.jp/pEmmh>

The NetBSD booth exhibited the following machines:

- RaspberryPI 3 NetBSD/earmv6hf NetBSD/x68k on XM6i X68030 emulator <http://xm6i.org/> <http://p.twipple.jp/nt0di> <http://p.twipple.jp/IFUjB>
- RaspberryPI 2 NetBSD/earmv6hf Xfce4 and crontab omxplayer video output to HDMI <http://p.twipple.jp/Mm9fB>
- Sharp W-ZERO3 NetBSD/hpcarm <http://p.twipple.jp/NxRYO>
- Sharp NetWalker NetBSD/earmv7hf PC9801 Emulator pkgsrc/net/mikutter <http://p.twipple.jp/kajdg>
- mikutter stickers: <http://p.twipple.jp/2TBwo>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017hamanako.pdf>

Demo Images: RPI:

<http://mail-index.netbsd.org/port-arm/2017/02/10/msg004100.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1080372>

18.3. NetBSD machines at AsiaBSDCon 2017

BSD Research and Japan NetBSD Users』 Group members held booth at the AsiaBSDCon 2017 on Mar. 10-13 2017:

<http://2017.asiabsdcon.org/> <https://www.facebook.com/events/1718621151740857/> <https://www.bsdresearch.org/index.html.en> <http://www.jp.NetBSD.org/> <https://www.facebook.com/NetBSD.jp/>

Keynote K01: Software Stacks to enable Software-Defined Networking
and Network Functions Virtualization

Yoshihiro NAKAJIMA

NetBSD Related Talk&Event in AsiaBSDCon2017 - NetBSD Developer Summit (invited only)

http://wiki.netbsd.org/summits/asiabsdcon_2017_netbsd_summit/

- NetBSD BoF http://wiki.netbsd.org/summits/AsiaBSDCon_2017_NetBSD_BoF/
- P01B: Bulk building in the many core era

Joerg Sonnenberger

- P02B: Addition of Ext4 Extent and Ext3 HTree DIR Read-Only Support in NetBSD

Hrishikesh

- P03B: Hardening pkgsrc

Pierre Pronchery

- P08B: Portable hotplugging: NetBSD' s uvm hotplug(9) API development

Santhosh Narayanan Raju

- P10B: Holding onto things in a multiprocessor world

Taylor R Campbell

See <http://www.netbsd.org/gallery/presentations/> for paper and slides.

Booth: Japan NetBSD Users』 Group + Nagoya *BSD Users』 Group + Kansai *BSD User Group + FreeBSD Workshop

OMRON Luna88K/OpenBSD: @ao_kenji

https://www.slideshare.net/ao_kenji/

OMRON Luna68K/NetBSD: @nullnilaki

<http://nullnilaki.hatenablog.com/>

Go animation demonstration on RPI2 NetBSD/earmv7hf by @oshmyja

http://www.yagoto-urayama.jp/~oshimaya/netbsd/netbsd_goarm2.html

FreeBSD+Raspberry PI+GPIO/I2C demonstration by @s_mitu

RPI3+GameController+English/Japanese speaking FreeBSD tank :RPI0

<https://github.com/s-mitu/RaspberryPi>

Demonstration BoX: by @610t

<http://sacraya.610t.org/kbug/book/booth/singlehtml/>

RetroBSD Squeak+Gainer RPI0 + RPI0 GPIO LED load average Scratch x ESP8266 Scratch x micro:bit Coldfire+OpenGL
PocketCHIP with LiteBSD distcc : cluster

RPI + FreeBSD RPI2 + NetBSD RPI + NetBSD BeagleBoneblackRaspBSD

SHARP X68030 by msaitoh NetWalker NetBSD/earmv7hf ZURUS SL-C750 NetBSD/zaurus WZero3 NetBSD/hpcarm NetBSD/x68k on
XM6i on NetBSD/earmv6hf on RPI3 with X68000 beep case RPI0 Buffelo LinkStation + NetBSD/sandpoint OpenBlocks+
NetBSD/evbarm SHARP W-ZERO3 WS004SH CASIO CASSIOPEIA E-65 HITACHI PERSONA HPW-50PAD Atmark Techno Armadillo-9
Plathome OpenBlockS 266 Cubieboard2, Allwinner A20 OrangePi PC, Allwinner H3 Radxa Rock Pro, Rockchip RK3188
Firefly, Rockchip RK3288

- AsiaBSDCon2017 Sticker by @nullnilaki <https://twitter.com/nullnilaki/status/834391718321545216>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/asiabsdcon2017.pdf>

Demo Images:

RPI:

<http://mail-index.netbsd.org/port-arm/2017/03/08/msg004111.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1084357>

18.4. NetBSD machines at Open Source Conference 2017 Tokyo/Spring

The Japan NetBSD Users' Group members held booth at the Open Source Conference 2017 Tokyo/Spring on Mar. 10-11 2017:

<https://www.ospn.jp/osc2017-spring/>

<https://www.facebook.com/events/1337061592993172/>

<https://www.facebook.com/NetBSD.jp/>

Booth:

<http://p.twipple.jp/UshnU>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017tokyospring.pdf>

The NetBSD booth exhibited the following machines:

RPI3+XM6i+NetBSD/x68k:

<http://p.twipple.jp/JE8XI>

RPI2+omxplayer:

<http://p.twipple.jp/N0pWY>

NetWalker:

<http://p.twipple.jp/yqbXx>

WZERO3:

<http://p.twipple.jp/w2wLg>

GPWIN:

<http://p.twipple.jp/QiXVi>

BSD Cookies:

<http://p.twipple.jp/y1UZP>

Demo Images:

<http://mail-index.netbsd.org/port-arm/2017/03/08/msg004111.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1089005>

Continuing story: AsiaBSDCon2017

Thanx NetBSD developers, I hope you enjoy OSC2017Tokyo/spring.

<http://p.twipple.jp/C6S7q>

Thanx Nagoya *BSD Users』 Group staff (Noda-san/Iwase-san),
to support the booth.

18.5. OpenBSD and NetBSD machines at Open Source Conference 2017 Nagoya

The Japan NetBSD Users』 Group and Nagoya *BSD Users』 Group members held booth at the Open Source Conference 2017 Nagoya on May 27 2017:

<http://www.ospn.jp/osc2017-nagoya/> <http://www.nagoya.bug.gr.jp/> <http://www.jp.NetBSD.org/>
<https://www.facebook.com/events/638354339654922/> <https://www.facebook.com/NetBSD.jp/>

Booth:

<http://p.twipple.jp/q2ax3>

OMRON LUNA88K on OpenBSD 6.1 by Kenji Aoyama.

<http://www.nk-home.net/~aoyama/OSC/OSC2017Nagoya-leaflet.pdf> https://www.slideshare.net/ao_kenji/osc2017-nagoya-76418169

Play PSG music on LUNA-88K - Utilization of I/O processor - HD641780, Z80 compatible I/O processor (man 4 xp) -
Play Music YM2149 with NEC PC6001 Z80 music driver. - CP/M on HD641780

PANIX: SVR4 on PC98 by Hiroyuki Nakaji

<http://www.slideshare.net/hiroyukinakaji/panix-on-pc98> <http://p.twipple.jp/h9A8m>

SHARP NetWalker (NetBSD/earmv7hf) Xfce4.12+Firefox

<http://p.twipple.jp/0ymYm>

Raspberry PI

NetBSD/x68k on XM6i on NetBSD/earmv6hf on RaspberryPI3 <https://twitter.com/ebijun/status/868267993771290624>

@kapper1224' s tons of tablets report

<https://www.slideshare.net/kapper1224/gpdwinwindows10linux2017>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017nagoya.pdf>

Demo Images:

Luna88K :

OpenBSD 6.1

RPI:

<http://mail-index.netbsd.org/port-arm/2017/05/24/msg004150.html>

More pictures are available on Togetter page:

<http://togetter.com/li/1114389>

18.6. NetBSD machines at Open Source Conference 2017 Okinawa

The Japan NetBSD Users』 Group members held booth at the Open Source Conference 2017 Okinawa

on Jun. 18 2017:

<http://www.ospn.jp/osc2017-okinawa/> <https://www.facebook.com/events/1821156841463423/>
<https://www.facebook.com/NetBSD.jp/> <http://www.jp.NetBSD.org/>

Booth:

<https://twitter.com/ebijun/status/875951100846788608>

NetBSD/x68k on XM6i on NetBSD/earmv6hf on RaspberryPI3

<https://twitter.com/ebijun/status/875886892889235457> <http://xm6i.org/>

NetBSD/earmv6hf RPI image on QEMU VEXPRESS A15 on NetBSD/i386

<https://twitter.com/ebijun/status/875961401348546561>

WZERO3 as NetBSD/hpcarm

<https://twitter.com/ebijun/status/875956372428406785>

Testing RPI3,RPI2,RPI2-V1.2,RPI0

<https://twitter.com/ebijun/status/875953797381537797>
[/06/thread1.html#004185](http://mail-index.netbsd.org/port-arm/2017/06/thread1.html#004185)

<http://mail-index.netbsd.org/port-arm/2017/06/thread1.html#004185>

Openblocks A6

<https://twitter.com/ebijun/status/875923622514221056>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017okinawa.pdf>

NetBSD BoF: 45min

<https://twitter.com/kapper1224/status/875897698917928960>

Demo Images:

RPI:

<http://mail-index.netbsd.org/port-arm/2017/06/12/msg004179.html>

... RPI3 fixes

<http://mail-index.netbsd.org/port-arm/2017/06/20/msg004210.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1120958>

thanx Nicolas Joly as njoly@. may rest in peace.

18.7. Japan NetBSD Users Group 19th annual Meeting and BoF 2017

The Japan NetBSD Users' Group members held 19th annual Meeting
on Jul. 8 2017:

<http://www.jp.netbsd.org/ja/JP/JNUG/announce/meeting19.html.en>

<https://www.facebook.com/NetBSD.jp/>

<http://www.jp.NetBSD.org/>

Place:

VDEC: VLSI Desion and Education Center, University of Tokyo. <http://www.vdec.u-tokyo.ac.jp/English/index.html>

NetBSD BoF:

<http://www.jp.netbsd.org/ja/JP/JNUG/event/20170708BOF/> 14:00-

- Hiroki Sato : AsiaBSDCon2017 and BSD Research - <https://www.bsdrsearch.org/index.html.en> - heavy costs: flight/hotel fees for presentors. - need more sponsor/donation: -350,000yen (== \$30642) - Japan NetBSD Users' group donate to AsiaBSDCon:

68,000 yen (== \$595.34:1.94%)

- Ken-ichi Fukamachi: fdgw history Yuuki Enomoto:

basepkg: https://e-yuuki.org/slide/netbsd_bof.pdf Report: <https://e-yuuki.org/?blog%2F20170710>

- Makoto Fujiwara: Check-Update <http://www.ki.nu/~makoto/mef/20170310/>
- Makoto Fujiwara: pkgsrc workshop <http://www.ki.nu/~makoto/diary/2017/07/01/#201707010>
- Makoto Fujiwara: handle crash command <http://www.ki.nu/~makoto/diary//2017/07/02/#201707021>

15:30-

- Questions and Answers:

- Porting status: Allwinner H
- pkgbrew test report by Ryo Onodera
- CVS to git/fossil
- If you have plenty of time and money: - DONATE AsiaBSDCon!!! - Put date -> binary set in 22 sec. - NetBSD museum.
- port revival - Luna68K/88K and Z80 and PSG music. - PC532 FPGA strikes back again. - Acorn - mac68k,ppc - arc sweet arc

- Yasushi Oshima: Ryzen on NetBSD

- Kiwamu Okabe: Writing NetBSD Sound Drivers in Haskell

https://www.slideshare.net/master_q/writing-netbsd-sound-drivers-in-haskell

- Jun Ebihara: RPI Image Update 2017 <https://github.com/ebijun/NetBSD/blob/master/Guide/RPI/RPIupdate2017.rst> <http://mail-index.netbsd.org/port-arm/2017/07/07/msg004286.html>

17:00 - SODA Noriyuki: Toward NetBSD 8.0

18:00

post meeting party: 18:15-21:15 <https://www.facebook.com/12souko/>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/JNUG2017.pdf>

More pictures are available on Togetter page:

<https://togetter.com/li/1127726>

Video Archive:

<http://www.ustream.tv/channel/japan-netbsd-users-group-meeting>

Thanx for special meeting space:

Yoshiro Mita <http://nanotechnet.t.u-tokyo.ac.jp/staff.html>and VDEC: VLSI Design and Education Center, University of Tokyo. <http://www.vdec.u-tokyo.ac.jp/English/index.html>

18.8. NetBSD machines at Open Source Conference 2017 Hokkaido

The Japan NetBSD Users' Group and Northern land BSD Users Group members held booth at the Open Source Conference 2017 Hokkaido on Jul. 15 2017:

<http://www.ospn.jp/osc2017-do/>
<http://www.no.bug.gr.jp/>

<https://www.facebook.com/NetBSD.jp/><http://www.jp.NetBSD.org/>

Booth:

<https://twitter.com/ebijun/status/886116591204683776/photo/1>

VT220 and NetBSD7 on SPARC station IPX

<https://twitter.com/ebijun/status/886041767409197058/photo/1>

NetBSD/x68k on XM6i on NetBSD/earmv6hf on Raspberry PI3:

<https://twitter.com/ebijun/status/886028236643225601/photo/1>
[/886051256367693824/photo/1](https://twitter.com/ebijun/status/886051256367693824/photo/1)<https://twitter.com/ebijun/status>

NetBSD/hpcarm on WZero3 ades

<https://twitter.com/ebijun/status/886051670953607169/photo/1>

NetBSD/earmv7hf on Netwalker

<https://twitter.com/ebijun/status/886052033928732673/photo/1>

Takashi Mitsumata donates WZero3 to our booth, Thanx!

<https://twitter.com/ebijun/status/886064057068929024/photo/1>

Orange Pi One

Starting microSD card Image for AllWinner H. <https://twitter.com/ebijun/status/886064623539019776/photo/1>

IBM Palmtop 110

<https://twitter.com/ebijun/status/886104196809867264/photo/1>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017hokkaido.pdf>

Presentation: Making embeded NetBSD

by Yuuki Enomoto basepkg: http://e-yuuki.org/slide/netbsd_bof.pdf <http://e-yuuki.org/?blog%2F20170715> <http://e-yuuki.org/> <https://twitter.com/ebijun/status/886095510515326976/photo/1>

Demo Images:

NetBSD Raspberry PI image 2017-07-15-netbsd-raspi-earmv6hf.img <http://mail-index.netbsd.org/port-arm/2017/07/13/msg004307.html>mikutter on NetBSD/earmv6hf on Raspberry Pi 2 Ver1.2 <https://twitter.com/ebijun/status/886031708201467906/photo/1>@matoken tests his HDMI display On-Lap 2501, works well! <https://twitter.com/matoken/status/886348730328260608/photo/1> @matoken tests his USB keyboard KBC PokerX, uvm_fault on dwc2_queue_transaction <https://twitter.com/matoken/status/886349567335088128/photo/1>

More pictures are available on Togetter page:

<http://togetter.com/li/1130009>

18.9. NetBSD machines at Open Source Conference 2017 Kyoto

The Japan NetBSD Users' Group members held booth at the Open Source Conference 2017 Kyoto on Aug. 4-5 2017:

<http://www.ospn.jp/osc2017-kyoto/> <https://www.facebook.com/NetBSD.jp/> <https://www.facebook.com/events/261500270965265/>

Booth:

<https://twitter.com/ebijun/status/893674870680068097>

PC-6001 x LUNA Dual PSG Demo by tsutsui@

PSG means Programmable Sound Generator. With syncing PC-6001 Joystick port -> LUNA serial port, 2 computers sing Chiptune orchestration as they have 6 voices.

<https://speakerdeck.com/tsutsui/> <https://speakerdeck.com/tsutsui/osc2017kyoto> <https://twitter.com/ebijun/status/893311703793909760>

NetBSD/luna68k 7.1 - LUNA has Z80 sub-processor and YM2149 sound chip - porting PSG Z80 sound driver for PC6001 to NetBSD/luna68k

LUNA PSG support code <http://twitter.com/tsutsui/status/759793635898515456>

- has PSG 3 channel. <https://twitter.com/ebijun/status/893636996773552128>

NEC PC6001+PC6082 DataRecorder - Z80 processor and AY-3-8910 sound chip - has PSG 3 channel.

<https://twitter.com/ebijun/status/893309622089531392>

Raspberry PI demonstration: - Demo Image:

<http://mail-index.netbsd.org/port-arm/2017/08/02/msg004344.html>

- NetBSD/x68k on XM6i on NetBSD/earmv6hf on RaspberryPI3

<https://twitter.com/ebijun/status/893276827464028160>

- mikutter and Xfce4 on NetBSD/earmv6hf on RaspberryPI2

<https://twitter.com/ebijun/status/893292397274177536>

- omxplayer on NetBSD/earmv6hf on RaspberryPI2

<https://twitter.com/ebijun/status/893286876676673536>

- NetBSD supports Raspberry Pi 0/1/2/3 RPI0: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI0> RPI0W: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI0W> RPI : <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI> RPI2: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI2> RPI3: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI3>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017kyoto.pdf>

More pictures are available on Togetter page:

<https://togetter.com/li/1136708>

Booth Donation: - LUNA Documentations by Tomoko Yoshida

<https://twitter.com/ebijun/status/893274276597424128>

- mastdon Akane stickers and Oosu Uiro by @shimadah <https://twitter.com/ebijun/status/893278280471719936> <https://twitter.com/ebijun/status/893262860536524800>

18.10. NetBSD workshop at SecurityCamp 2017

I make a NetBSD workshop 4 hours timeslot in SecurityCamp 2017. Aug. 16 2017 13:30-17:30 ,Fuchu , Tokyo, Japan:

<http://www.slideshare.net/junebihara18/netbsd-workshop> <https://www.soum.co.jp/~jun/SecCamp2017.pdf>
https://www.ipa.go.jp/jinzai/camp/2017/zenkoku2017_jikanwari.html <https://www.facebook.com/events/458264907843193> <https://www.facebook.com/NetBSD.jp/>

1. Hardware boot demonstrations - we all live in a one source tree.

- evbarm: NetWalker OrangePi KOB0

<https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv7hf/NETWALKER>

<https://github.com/ebijun/NetBSD>

[/blob/master/dmesg/earmv7hf/OrangePi_One](#)

- evbmips: WRH-300CRWH <https://github.com/ebijun/NetBSD/blob/master/dmesg/evbmips/WRH-300CR>
- hpcmips: Sigmarion II
<https://github.com/ebijun/NetBSD/blob/master/dmesg/hpcmips/sigmarion2>
- hpcarm: WZERO3 WZERO3 ades
<https://github.com/ebijun/NetBSD/blob/master/dmesg/hpcarm/WS004SH> <https://github.com/ebijun/NetBSD/blob/master/dmesg/hpcarm/WS011SH>
- hpcsh: HP Jornada 690
- RaspberryPI3/2/2Ver1.2/1/0/0W RPI0 : <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI0> RPI0W:
<https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI0W> RPI : <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI>
/blob/master/dmesg/earmv6hf/RPI RPI2 : <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI2> RPI3 :
<https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI3>

2. Install NetBSD/amd64 7.1 on VirtualBox - Windows 10 on Thinkpad - boot NetBSD 7.1/amd64

4. Extract NetBSD-current src.tar.gz - cd /usr - ftp http://cdn.netbsd.org/pub/NetBSD/NetBSD-current/tar_files/src.tar.gz - tar xzvf src.tar.gz

5. Build Cross Compiling toolchain - ./build.sh -j 6 -u -U -m evbarm -a earmv6hf tools

6. Install NetBSD/earmv6hf on RPI3 - RPI image for OSC2017hokkaido

<http://cdn.netbsd.org/pub/NetBSD/misc/jun/raspberry-pi/2017-07-15-earmv6hf/>

- Use rawwrite32.exe to write microSD Card. <https://www.netbsd.org/~martin/rawwrite32/download.html>
- boot
- resize partition: wait 10min for fit 16GB sdcard.

7. Build RPI kernel on NetBSD/amd64 - ./build.sh -j 6 -u -U -m evbarm -a earmv6hf kernel=RPI2

8. Play RPI as you are - startx - mikutter - mikutter start failed!

know your rights: Everything You Always Wanted to Know About Pax

http://www.netbsd.org/gallery/presentations/msaitoh/2017_BSDCan/BSDCan2017-NetBSD.pdf

9. Play again - mikutter

tweets and more pics on Togetter: <https://togetter.com/li/1140652>

10. Copy own-build kernel to RPI - netbsd.bin to /boot/kernel7.img and boot - with a little luck,-current kernel boot with no problem!

11. diff 20170715.dmesg 20170816.dmesg

- sdhost enabled, Bluetooth online via sdhost
- boot failed on RPI2 with 20170816 RPI2 kernel
- imagine why it failed?,but I'm not the only one
- disable sdhost and enable sdhc,and re-build kernel7.img
- RPI2 boot
- fixed with

<http://mail-index.netbsd.org/source-changes/2017/08/16/msg087427.html>

12. How to make RPI Imagefile - loin du sysinst - <https://github.com/ebijun/NetBSD/blob/master/RPI/RPIImage/Image/Makefile> - build packages - add packages - add configuration files - check packages with mikutter

Time UP!

Thanx for all 9 participants younger than dreamcast,

and supported great tutors @linare530 and Takahiro KUSHIDA. and Toshifumi Nishinaga <http://tatsu-zine.com/books/raspi-bm> and Mitsuyuki Komata

<http://blogs.itmedia.co.jp/komata/2017/08/ipa2017.html>

18.11. Open Developers Conference 2017 Tokyo: Aug.19 2017 Tokyo,JAPAN

<https://www.ospn.jp/odc2017/> <https://www.ospn.jp/odc2017/modules/eventrsrv/?id=1&noform=1> NetBSD BOF Aug 19

2017 16:00-16:45

<https://www.ospn.jp/osc2017/modules/eguide/event.php?eid=5>

<https://www.facebook.com/events/1970719779814048/>

18.12. NetBSD machines at Open Source Conference 2017 Chiba

The Japan NetBSD Users' Group members held booth at the Open Source Conference 2017 Chiba on Sep. 2 2017:

<http://www.ospn.jp/osc2017-chiba/> <https://www.facebook.com/NetBSD.jp/> <https://www.facebook.com/events/817081148458593/>

Booth:

<https://twitter.com/ebijun/status/903828366058336256>

NanoPi demonstration: - Demo Image:

<http://mail-index.netbsd.org/port-arm/2017/09/01/msg004384.html> https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv7hf/NanoPi_NEO <https://twitter.com/ebijun/status/903820162717032448>

Raspberry PI demonstration: - Demo Image:

<http://mail-index.netbsd.org/port-arm/2017/09/01/msg004383.html>

- NetBSD/x68k on XM6i on NetBSD/earmv6hf on RaspberryPI3 <https://twitter.com/ebijun/status/903800591339577344>
- Xfce4 on NetBSD/earmv6hf on RaspberryPI2
- omxplayer on NetBSD/earmv6hf on RaspberryPI2
- NetBSD supports Raspberry Pi 0/1/2/3 RPI0: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI0> RPI0W: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI0W> RPI : <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI> RPI2: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI2> RPI3: <https://github.com/ebijun/NetBSD/blob/master/dmesg/earmv6hf/RPI3>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017chiba.pdf>

More pictures are available on Togetter page:

<https://togetter.com/li/1146818>

18.13. NetBSD machines at Open Source Conference 2017 Tokyo/Fall

The Japan NetBSD Users' Group members held booth at the Open Source Conference 2017 Tokyo/Fall on Sep. 9-10 2017:

<https://www.ospn.jp/osc2017-fall/> <https://www.facebook.com/events/957848774357888> <https://www.facebook.com/NetBSD.jp/>

Booth:

<https://twitter.com/ebijun/status/906339269769179137>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2017tokyofall.pdf>

The NetBSD booth exhibited the following machines:

mikutter on OrangePi One NetBSD/earmv7hf:

<https://twitter.com/ebijun/status/906414153824296960>

Nano Pi NetBSD/earmv7hf OrangePi2 NetBSD/earmv7hf

<https://twitter.com/ebijun/status/906327873421582338>

NetBSD/x68k on XM6i on NetBSD/earmv6hf on Raspberry Pi3

<https://twitter.com/ebijun/status/906336739236601863>

WZero3 NetBSD/hpcarm:

<https://twitter.com/ebijun/status/906380317820203008>

OrangePi R1:

<https://twitter.com/SRCHACK/status/907042739841261568>

BananaPI BP1-M2 Berry:

<https://twitter.com/ebijun/status/906359909507141632>

PocketChip

<https://twitter.com/ebijun/status/906402998972067840>

PINE64

<https://twitter.com/ebijun/status/906754753949925376>

Ohgami' s Commentary on OS5

<https://twitter.com/yohgami/status/906322121822945280> <https://twitter.com/ebijun/status/906385514445496320>

BSD Cookies:

<https://twitter.com/ebijun/status/906640425758318592>

Steckers

<https://twitter.com/tristelo/status/906799946963107842>

Demo Images:

RaspberryPi 0-3 NetBSD/earmv6hf

<http://mail-index.netbsd.org/port-arm/2017/09/01/msg004383.html>

NanoPi and RaspberryPi 2-3 NetBSD/earmv7hf

<http://mail-index.netbsd.org/port-arm/2017/09/01/msg004384.html>

OrangePi One and RaspberryPi 2-3 NetBSD/earmv7hf

<http://mail-index.netbsd.org/port-arm/2017/09/12/msg004393.html>

Booth donation:

Suzume-Odori Uiro by @shimadah

<https://twitter.com/ebijun/status/906319957406793728>

NetBSD/earmv7hf evalution board named KOB0 by @AkkieSoft

<https://twitter.com/ebijun/status/906334687764738048>

Stecker

<https://twitter.com/ebijun/status/906714102407479296>

More pictures are available on Togetter page:

<https://togetter.com/li/1148810>

18.14. NetBSD machines at Open Source Conference 2017 Fukuoka

The Japan NetBSD Users' Group members held booth at the Open Source Conference 2017 Fukuoka on Oct. 7 2017:

<http://www.ospn.jp/osc2017-fukuoka/> <http://www.jp.NetBSD.org/> <https://www.facebook.com/NetBSD.jp/>
<https://www.facebook.com/events/1918299341792306/>

Booth:

<https://twitter.com/ebijun/status/917952752004878336>

NetBSD Fukuoka travel guide:

<http://www.re.soum.co.jp/~jun/OSC2017fukuoka.pdf> <https://github.com/ebijun/osc-demo>

The NetBSD booth exhibited the following machines:

- Updating RPI image: <https://github.com/ebijun/NetBSD/blob/master/Guide/RPI/RPIupdate2017.rst>
- Running NetBSD/x68k on XM6i with Raspberry PI3 NetBSD/earmv6hf <https://twitter.com/ebijun/status/916497302037999616>
RPI0/RPI/RPI2/RPI3 NetBSD/earmv6hf image: <http://mail-index.netbsd.org/port-arm/2017/10/03/msg004402.html>
- OrangePi One NetBSD/earmv7hf <https://twitter.com/ebijun/status/916520380646309888>
OrangePi One and RPI2/3 NetBSD/earmv7hf image: <http://mail-index.netbsd.org/port-arm/2017/09/12/msg004393.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1158733>

18.15. NetBSD machines at Open Source Conference 2017 Shimane

The Japan NetBSD Users' Group held booth at the Open Source Conference 2017 Shimane on Oct.14 2017:

<http://www.ospn.jp/osc2017-shimane/> <https://www.facebook.com/events/384060418655929/>

<https://www.facebook.com/NetBSD.jp/>

NetBSD Tourist Guide:

<https://www.re.soum.co.jp/~jun/OSC2017shimane.pdf>

Booth:

<https://twitter.com/ebijun/status/919015006938718208>

The NetBSD booth exhibited the following machines:

SONY NEWS NWS-5000SB NetBSD/newsmips by @n12i

<https://twitter.com/ebijun/status/918993560757682176> <https://github.com/ebijun/NetBSD/blob/master/dmesg/newsmips/NEWS5000> 7.99.32 boot. 7.99.34 boot failed.

NEC PC9821 Nr13 with PANIX and FreeBSD by @n12i

<https://twitter.com/ebijun/status/918994385785647104>

COMPAQ CONTURA AERO 4/33C NetBSD7 by @shimadah

<https://twitter.com/ebijun/status/919034074102087680> <http://dmesgd.nycbug.org/index.cgi?do=view&id=3357>

XM6i on Windows7 by isaki@

<https://twitter.com/ebijun/status/919018331163652096>

Raspberry PI3 running NetBSD/x68k with XM6i emulator.

<https://twitter.com/ebijun/status/919005605511045120>

Raspberry PI2 running FreeBSD 11.1R by @n12i

<http://dmesgd.nycbug.org/index.cgi?do=view&id=3359>

BananaPi with SUNXI kernel

<http://mail-index.netbsd.org/port-arm/2017/10/07/msg004405.html> <http://dmesgd.nycbug.org/index.cgi?do=view&id=3358>

many thanx to

HiroYuki Nakaji, Shuji Mochida, <http://opencocon.org/>, XM6i.org

Demo Images:

Banana Pi Testing <http://mail-index.netbsd.org/port-arm/2017/10/16/msg004410.html>

More pictures are available on Togettter page:

<https://togettter.com/li/1160781>

18.16. OpenBSD and NetBSD machines at Open Source Conference 2017 Nagaoka

The Japan NetBSD Users' Group and Echigo BSD Users Group members held booth at the Open Source Conference 2017 Nagaoka on Oct.28 2017:

<http://www.ospn.jp/osc2017-nagaoka/> <https://www.facebook.com/events/304865093311472/> <http://www.ebug.jp/>
<http://www.jp.NetBSD.org/> <https://www.facebook.com/NetBSD.jp/>

FuguIta: OpenBSD LiveCD by Yoshihiro Kawamata

<http://fuguIta.org/?FuguIta> <http://fuguIta.org/index.php?%B2%CF%C6%DA%C8%C4>

FuguIta-6.2: based on OpenBSD 6.2

FuguIta-6.2-i386-201710182 FuguIta-6.2-amd64-201710182 FuguIta-6.2-arm64-201710241

FuguIta for arm64 runs on Raspberry Pi 3.

Echigo BSD Users Group, since Nov.2001

<http://www.ebug.jp/>

IBM Aptiva 520,486DX 100MHz(1995) vs RPI3(2017)

OpenBSD Typical webserver response time demo. <https://twitter.com/ebijun/status/924093725139132416>

Echigo BSD Users Group activities:

OpenBSD wiki:

<http://fuguIta.org/>

Scale httpd on OpenBSD:

http://fuguIta.org/index.php?EBUG%CA%D9%B6%AF%B2%F1%2F20141115_httpd%A4%F2%A5%B9%A5%B1%A1%BC%A5%EB%A4%B5%A4%BB%A4%EB

CARP and OpenBSD Web/MailingList Server: http://fuguIta.org/index.php?EBUG%CA%D9%B6%AF%B2%F1%2F20110903_

%A5%ED%A1%BC%A5%C9%A5%D0%A5%E9%A5%F3%A5%B5%A4%CA%A4%B7%A4%C7%C9%E9%B2%D9%CA%AC%BB%B6%A4%B7%A4%C6%A4%DF%A4%BF

NetBSD Booth:

NetBSD/x68k on XM6i on NetBSD/earmv6hf on Raspberry Pi3

XM6i: NetBSD/x68k on X68030 emulators

<http://xm6i.org/> <https://twitter.com/ebijun/status/924104206105001989>

Raspberry PI2 plays omxplayer (NetBSD/earmv6hf)

<https://twitter.com/ebijun/status/924111771178188801>

NetBSD Tourist Guide:

<https://www.re.soum.co.jp/~jun/OSC2017nagaoka.pdf>

Demo Images:

Fuguita: OpenBSD LiveCD

<http://fuguita.org/?FuguIta>

RPI:

<http://mail-index.netbsd.org/port-arm/2017/10/22/msg004416.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1165451>

18.17. NetBSD machines at KANSAI OPEN FORUM 2017

The Japan NetBSD Users' Group members held booth at the KANSAI OPEN FORUM 2017 on Nov. 10-11 2017:

<https://k-of.jp/2017/> <http://www.jp.NetBSD.org/> <https://www.facebook.com/events/1639249286137922/>
<https://www.facebook.com/NetBSD.jp/>

Booth:

<https://twitter.com/tsutsui/status/929196452252758016>

BSD BOF - NetBSD 『Teokure』 LiveImage Updates and NetBSD 8.0

<https://speakerdeck.com/tsutsui/kof2017>

The NetBSD booth exhibited the following machines:

- OMRON LUNA NetBSD/luna68k NetBSD 7.1

MC68030 20MHz 1280x1024x16colors YM2194 3 sounds SSG Twitter Timeline with pkgsrc/net/sayaka + pkgsrc/x11/mlterm:mlterm-fb

<https://twitter.com/tsutsui/status/928834129155694592> <https://twitter.com/tsutsui/status/929165166532427776>

- Running NetBSD/x68k on XM6i with Raspberry PI3 NetBSD/earmv6hf

<https://twitter.com/ebijun/status/928816750396809217> <https://twitter.com/tsutsui/status/929248070155382784>

- Raspberry Pi2 NetBSD/earmv7hf Xfce4+mikutter

<https://twitter.com/ebijun/status/929154761076518912>

Working In Progress:

PocketChip,BananaPi,NanoPi neo/neo2 <https://twitter.com/ebijun/status/929170323634774017>

- stickers (NetBSD,mikutter,and various characters)

<https://twitter.com/ebijun/status/928828638342012928>

- Junk-Do book store NetBSD booth recommendation:

Book Recommendations:

<https://k-of.jp/2017/session/1067> https://honto.jp/netstore/pd-book_28654677.html https://honto.jp/netstore/pd-book_28488706.html

https://honto.jp/netstore/pd-book_28429933.html

Raspberry Pi running updated 2017-11-12-netbsd-raspi.img image:
<http://mail-index.netbsd.org/port-arm/2017/11/06/msg004432.html>

More pictures are available on Togetter page:
<https://togetter.com/li/1170068>

18.18. NetBSD machines at Open Source Conference 2017 Hiroshima

The Japan NetBSD Users' Group and XM6i Team members held booth at the Open Source Conference 2017 Hiroshima on Nov.26 2017:

<http://www.ospn.jp/osc2017-hiroshima/> <https://www.facebook.com/events/1294007417314704/>
<http://www.jp.NetBSD.org/> <https://www.facebook.com/NetBSD.jp/>

Presentation:

Sound! NetBSD by isaki@
<http://www.pastel-flower.jp/~isaki/NetBSD/osc17hi/>

Booth:

<https://twitter.com/ebijun/status/934655335066828802>

NetBSD/x68k + Audio Framework kernel by XM6i.org
<https://twitter.com/ebijun/status/934606681593413633>

Donation request for XM6i: MC68060 RC75 Rev5 CPU for support 68060

1: X68030 (68030/30MHz,12MB) 2: X68060 (68060/50MHz mode,mem 128MB: 68030 mode 68030/25MHz,12MB)

<https://twitter.com/ebijun/status/934595329604718592>

XM6i X68030 emulator

<http://www.pastel-flower.jp/~isaki/XM6i/>

1. NetBSD/x68k on Windows 10

<https://twitter.com/ebijun/status/934607775174246400>

2. NetBSD/x68k on Windows 7

<https://twitter.com/ebijun/status/934607363364941824>

3. NetBSD/x68k on Raspberry 3 NetBSD/armv7hf

<https://twitter.com/ebijun/status/934591795090006017>

NEC PC6001 by tsutsui@ - PC6001+PC6082

<https://twitter.com/ebijun/status/934598422656516097>

- PC6001VX on NetBSD/i386 7.1 audio demo

<https://twitter.com/ebijun/status/934597507186769920>

NetBSD Tourist Guide:

<http://www.re.soum.co.jp/~jun/OSC2017hiroshima.pdf>

Demo Images:

RPI:
<http://mail-index.netbsd.org/port-arm/2017/11/21/msg004455.html>

More pictures are available on Togetter page:
<https://togetter.com/li/1175260>

18.19. NetBSD Advent Calendar 2017

I hope you enjoy the NetBSD Advent Calendar 2017:

<http://qiita.com/advent-calendar/2017/netbsd>

Thanx @frandon_pig to manage NetBSD Advent Calendar:

<http://qiita.com/advent-calendar/2017/netbsd> <http://qiita.com/advent-calendar/2016/netbsd> <http://qiita.com/advent-calendar/2015/netbsd> <http://qiita.com/advent-calendar/2014/netbsd>

18.20. Reporting the current status of world wide IPv6 deployment and progress to itojun

After 「IPv6 Summit in TOKYO 2017」 <http://www.jp.ipv6forum.com/timetable/> , related a social gathering held called

「Reporting the current status of world wide IPv6 deployment and progress to itojun」 : Nov.27 TOKYO JAPAN
<http://v6reporttoitojun.jp/index.html.en>

I make a talk about itojun, have a good time with 80 attendances.

- In Jan.17 1989(aka Heisei 1), Jun Murai connected TCP/IP between US-JP. The History of TCP/IP network in Japan start Heisei 1 (29years old)
- In Jul.2 1999(aka Heisei 10), Hagino -itojun- Jun-ichiro committed IPv6 code to NetBSD. The History of IPv6 network in Japan almost start 2000 (18 years old)
- getaddrinfo.c - Find out the essence of IPv6 implimentation [https://github.com/NetBSD/src/commits/trunk?after=f1361d325a7f453df313d391a4a3cfeecd5d0714+104&path\[\]=lib&path\[\]=libc&path\[\]=net&path\[\]=getaddrinfo.c](https://github.com/NetBSD/src/commits/trunk?after=f1361d325a7f453df313d391a4a3cfeecd5d0714+104&path[]=lib&path[]=libc&path[]=net&path[]=getaddrinfo.c)
- getaddrinfo(3) on numerical addresses <http://mail-index.netbsd.org/tech-userlevel/2017/10/24/msg010919.html>

「I' ve noticed[*] that on NetBSD, getaddrinfo(3) does a resolver lookup even

if presented a numerical address. Is this on purpose? Would it have a drawback if it would first try to inet_pton() the address? On Linux, it seems to avoid the resolver lookup.」

See the thread, Tatsuya Jinmei follow-ups.

- NetBSD source tree keep up with itojun' s code and commit messages.

<http://www.netbsd.org/~soda/ipa2010.pdf> page 18-24.

1st NetBSD core@ from Japan. C 132674 lines pkgsrc 4049 lines htdocs 3459 lines

- Default itojuns responsibilities to core by spz@ Mar.21 2008

<https://github.com/NetBSD/src/commit/fc3cbda3bb45db49faa8b297bb2156f958f996e0>
 ping6, tcpdump, citrus, pcap, kame/ipv6, pf, evbsh3, mmeye

spz@ gives kindly message to this event. thanx! <https://twitter.com/ebijun/status/935074845020192771>

- Update responsibilities, removing itojun by wiz@ Nov.17 2007

<https://github.com/NetBSD/src/commit/8497c0ec171b8bfb275d79321439a3e90f99b87f>
 bind, citrus, gettext, KAME Project, tcpdump, porcupine, OpenSSL, OpenBSD, tcpdump

- Languages

<https://github.com/search?q=org%3ANetBSD+itojun&type=Code>
 C, Roff, C++, Makefile, Perl, HTML, Yacc, Lex, M4Sugar, Perl6

- Last presentation in OpenSourceConference 2007 Tokyo/Fall <http://www.itojun.org/paper/itojun-200710-ospn-tokyo/>
<http://www.itojun.org/paper/itojun-200710-daum-lycos-keynote/>

Japan NetBSD Users』 Group held boot at the Open Source Confernce 2007 Tokyo/Fall. I introduced @oshimija' s NetBSD/X68030 to itojun.

Japan NetBSD Users』 Group held boot at the Open Source Confernce 2017 Hiroshima in last week. displayed NetBSD/X68030.

<http://mail-index.netbsd.org/netbsd-advocacy/2017/11/27/msg000752.html> Sound! NetBSD by isaki@
<http://www.pastel-flower.jp/~isaki/NetBSD/osc17hi/>

- NetBSD booth <https://github.com/ebijun/NetBSD/blob/master/Guide/OSC/OSC100.csv> 139 NetBSD OpenSouceConfernce booths since 2004-2017 all over Japan 118 NetBSD PDF guides since 2010 <https://github.com/ebijun/osc-demo/>

<http://www.re.soum.co.jp/~jun/2014maps.pdf> <http://www.re.soum.co.jp/~jun/2015maps.pdf> <http://www.re.soum.co.jp/~jun/2016maps.pdf> <https://github.com/ebijun/NetBSD/blob/master/Event/together/togetherinterview/view.csv>

- NetBSD Raspberry PI Image update on OpenSouceConfernce <https://github.com/ebijun/NetBSD/blob/master/Guide/RPI/RPIupdate2017.rst> <http://cdn.netbsd.org/pub/NetBSD/misc/jun/raspberry-pi/>

- Meet itojun in AsiaBSDCon. <http://www.re.soum.co.jp/~jun/asiabsdcon2017.pdf> see the last page.
- AsiaBSDCon2018: Mar 8-11 2018 Tokyo University of Science,Tokyo <https://2018.asiabsdcon.org/index.html.en>
I' ll make NetBSD booth and NetBSD developer/user meeting. <https://togetter.com/li/1084357> AsiaBSDCon2017 togetter.
Need more donation:
Please ask info@bsdresearch.org (Hiroki Sato,hrs@allbsd.org).
- 「Revolution - Evolution - Devolution.」 - RED by PANTA. <http://www.itojun.org/Pantax/pantax.txt>
- George! <https://twitter.com/ebijun/status/935095094805372928>
- Kame no ko sen (Kame child) - present from itojun' s mother. <https://twitter.com/ebijun/status/935105180063764480>

18.21. NetBSD machines at Open Source Conference 2018 Osaka

The Japan NetBSD Users' Group held booth at the Open Source Conference 2018 Osaka on Jan.27 2018:

<http://www.ospn.jp/osc2018-osaka/> <https://www.facebook.com/events/398913583842597/>
<http://www.jp.NetBSD.org/> <https://www.facebook.com/NetBSD.jp/>

Presentation:

NetBSD/atari - Port history and ATARI Compatible 「Millan」 board support.
by tsutsui@

<https://speakerdeck.com/tsutsui/osc2018osaka>

[https://de.wikipedia.org/wiki/Milan_\(Computer\)](https://de.wikipedia.org/wiki/Milan_(Computer)) <http://mail-index.netbsd.org/port-atari/2000/08/28/0000.html>
<http://mail-index.netbsd.org/source-changes/2018/01/20/msg091314.html> <http://mail-index.netbsd.org/source-changes/2018/01/20/msg091315.html> <http://mail-index.netbsd.org/source-changes/2018/01/20/msg091316.html>
<http://mail-index.netbsd.org/source-changes/2018/01/20/msg091317.html> <http://mail-index.netbsd.org/source-changes/2018/01/20/msg091318.html> <http://mail-index.netbsd.org/source-changes/2018/01/20/msg091319.html>
<http://mail-index.netbsd.org/source-changes/2018/01/20/msg091320.html> <http://mail-index.netbsd.org/source-changes/2018/01/20/msg091321.html> <http://mail-index.netbsd.org/source-changes/2018/01/20/msg091322.html>
<http://mail-index.netbsd.org/source-changes/2018/01/20/msg091324.html> <http://mail-index.netbsd.org/source-changes/2018/01/28/msg091554.html>

Booth:

<https://twitter.com/tsutsui/status/957068328366829569>

Milan (Atari compatible) running NetBSD/atari 8.0_BETA

<https://twitter.com/tsutsui/status/957062304398426112>

XM6i X68030 emulator <http://www.pastel-flower.jp/~isaki/XM6i/> - NetBSD/x68k on NetBSD/armv6hf on RaspberryPI 3

<https://twitter.com/ebijun/status/957101494674735110>

mikutter3.6 on NetBSD/armv7hf on RaspberryPi2 and OrangePi one

<https://twitter.com/ebijun/status/957102195060572160/photo/1>

NetBSD Tourist Guide:

<https://www.soum.co.jp/~jun/OSC2018osaka.pdf>

Demo Images:

Milan

NetBSD-current: after Sun Jan 28 14:22:23 UTC 2018 <http://nycdn.netbsd.org/pub/NetBSD-daily/HEAD/201801281520Z/atari/>

RPI0/1/2/3: armv6hf

<http://mail-index.netbsd.org/port-arm/2018/01/03/msg004520.html>

RPI2/3 and OrangePi One: armv7hf

<http://mail-index.netbsd.org/port-arm/2018/01/05/msg004525.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1193730>

18.22. NetBSD machines at Open Source Conference 2018 Hamanako

The Japan NetBSD Users』 Group members held booth at the Open Source Conference 2018 Hamanako on Feb. 11 2018:

<http://www.ospn.jp/osc2018-hamanako/> <https://www.facebook.com/NetBSD.jp/> <https://www.facebook.com/events/1909317742619593/>

Booth:

<https://twitter.com/ebijun/status/962495678738935808>

The NetBSD booth exhibited the following machines:

- RaspberryPI 3 NetBSD/earmv6hf NetBSD/x68k on XM6i X68030 emulator

<http://www.pastel-flower.jp/~isaki/XM6i>

<https://twitter.com/ebijun/status/96249076833012992>

- RaspberryPI 2 and OrangePi One NetBSD/earmv7hf mikutter3.6.3 on NetBSD/earmv7hf on RaspberryPI2
<https://twitter.com/ebijun/status/962532503008436224> <https://twitter.com/ebijun/status/962567091000786944>

- mikutter stickers: <https://twitter.com/ebijun/status/962496427950669824>

NetBSD Tourist Guide:

<http://www.re.soum.co.jp/~jun/OSC2018hamanako.pdf>

Demo Images: RPI:

<http://mail-index.netbsd.org/port-arm/2018/02/06/msg004579.html>

RPI2/3 and OrangePi One

<http://mail-index.netbsd.org/port-arm/2018/01/05/msg004525.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1198246>

18.23. NetBSD machines at Open Source Conference 2018 Tokyo/Spring

The Japan NetBSD Users』 Group members held booth at the Open Source Conference 2018 Tokyo/Spring on Feb. 23-24 2018:

<https://www.ospn.jp/osc2018-spring/>
<https://www.facebook.com/NetBSD.jp/>

<https://www.facebook.com/events/806993292795496/>

Booth:

<https://twitter.com/ebijun/status/966851480320753665>

NetBSD Tourist Guide:

<https://www.re.soum.co.jp/~jun/OSC2018tokyofall.pdf>

The NetBSD booth exhibited the following machines:

NetBSD/x68k on XM6i on NetBSD/earmv6hf on Raspberry Pi3

<https://twitter.com/ebijun/status/966851952591040512>

mikutter 3.6.3 on NetBSD/earmv7hf on RaspberryPI2

<https://twitter.com/ebijun/status/966852615182065665>

mikutter 3.6.1 on NetBSD/earmv7hf on OrangePi One:

<https://twitter.com/ebijun/status/962567091000786944>

BSD daemon cookies:

<https://twitter.com/ebijun/status/967005847158013952>

NetBSD/hpcarm on WZero3 ades

<https://twitter.com/ebijun/status/967201971672240128>

NetBSD/hpcmips on NTT DoCoMo Sigmarion

<https://twitter.com/ebijun/status/967202573047353344>

>> @srchack board collection:

Banana Pi Zero:

<https://twitter.com/ebijun/status/967218674640723970>

BananaPI BP1 M2:

<https://twitter.com/ebijun/status/967219581688299520>

OrangePi One Plus:

<https://twitter.com/ebijun/status/967220197135327232>

BananaPi BPI M2M:

<https://twitter.com/ebijun/status/967220472235507712>

SOpineA64 SOpine x7

<https://twitter.com/ebijun/status/967221832985096192>

>> @akedon SPARCbook 3GS

<https://twitter.com/ebijun/status/967227892710060032>

>> @tristelo and @kapper1224 GPD

<https://twitter.com/ebijun/status/967283203751927808>

>> CBUG meeting

<https://twitter.com/ebijun/status/967266722959904769>
/confreg?conf_idstr=809YnmYQZUQu5YwOtrv022B991

<http://confreg.ate-mahoroba.jp>

Demo Images:

RaspberryPi 0-3 NetBSD/earmv6hf

<http://mail-index.netbsd.org/port-arm/2018/02/22/msg004646.html>

OrangePi One and RaspberryPi 2-3 NetBSD/earmv7hf

<http://mail-index.netbsd.org/port-arm/2018/01/05/msg004525.html>

Booth donation:

Uiro and stickers by @shimadah

<https://twitter.com/ebijun/status/966835605366718464>

mikutter badges from toshi_a:

<https://twitter.com/ebijun/status/966886965961347072>

More pictures are available on Togetter page:

<https://togetter.com/li/1202581>

18.24. NetBSD machines at Raspberry jam Big Birthday Weekend 2018 in TOKYO

The Japan NetBSD Users' Group members held booth

at the Raspberry jam Big Birthday Weekend 2018 in TOKYO on Mar. 3-4 2018:

<https://www.raspi.jp/2018/02/raspberry-jam-big-birthday-weekend-2018-in-tokyo/NetBSD.jp/>

<https://www.facebook.com>

Booth:

<https://twitter.com/ebijun/status/969784294422994944>

The booth exhibited the following machines:

@s_mitu: @freebsdtk RaspberryPI Zero on FreeBSD with Explorer HAT Pro

<https://twitter.com/ebijun/status/969770301486542848/photo/1> https://github.com/s-mitu/RaspberryPi/blob/master/FreeBSD/Documents/FreeBSD_OSC.md

NetBSD/x68k on XM6i on NetBSD/earmv6hf on RaspberryPI3

<https://twitter.com/ebijun/status/969733711536123904/photo/1>

mikutter3.6.4 on ruby2.4 on NetBSD/earmv7hf on RaspberryPI2:

<https://twitter.com/ebijun/status/969733417423093761/photo/1>

mikutter3.6.4 on ruby2.4 on NetBSD/earmv6hf on RaspberryPI0 on mikutter badge

<https://twitter.com/ebijun/status/969734000980852736/photo/1>

NetBSD/hpcarm on WZER03 ades:

<https://twitter.com/ebijun/status/969734360025874432/photo/1>

RaSCSI: Raspberry Pi SCSI target device emulator

<https://twitter.com/ebijun/status/969734154760761344/photo/1>

NetBSD Tourist Guide:

<https://www.re.soum.co.jp/~jun/BIGRPI2018.pdf>

Demo Images:

<http://mail-index.netbsd.org/port-arm/2018/02/22/msg004646.html>

More pictures are available on Togetter page:

<https://togetter.com/li/1204795>

Cancer Fund for Matt -AKA Karamoon

<https://www.gofundme.com/matthewdons>

Matt makes great efforts to RaspberryPI activities, show the respects.

TUNE IN NEXT NetBSD, Same NetBSD-time, Same NetBSD-channel.

19. RaspberryPIのNetBSDイメージ2018進捗どうですか

19.1. RaspberryPIのNetBSDイメージについて

今年もオープンソースカンファレンスごとにRaspberryPI用のNetBSDイメージを作って配布しています。この一年、どんなことがあったのか表にしてまとめてみました。

年月	NetBSD	mikutter	mlterm	OpenSSL	ネタ	OSC	URL
2017/1	7.99.59	3.5.1			HardwareRNG BIND-9.10.4-P5 raspberrypi- userland-20170109	OSC大阪	http://mail-index.netbsd.org/port-arm/2017/01/25/msg004087.html
2017/2	7.99.59	3.5.2	3.8.0	1.0.2k		OSC浜名湖	https://github.com/ebijun/osc-demo/blob/master/2017/OSC2017hamanako.txt
2017/3	7.99.64	3.5.3			tcpdump-4.9.0 BIND-9.10.4-P6 postfix-3.1.4 NetBSD-SA02 git-base-2.12.0	OSC東京春	http://mail-index.netbsd.org/netbsd-advocacy/2017/03/13/msg000728.html
2017/4	7.99.69	3.5.7			NetBSD7.1 ruby-2.3	OSuC/川越	http://mail-index.netbsd.org/port-arm/2017/04/14/msg004130.html
2017/5	7.99.72(→7.99.75)		3.8.1		BIND-9.10.4-P8 fossil-2.2 git-base-2.13.0	OSC名古屋	http://mail-index.netbsd.org/port-arm/2017/05/24/msg004150.html
2017/6	8.99.1	3.5.8			perl-5.26 qemu/VEXPRESS_A15 カーネルからの起動 (BIND-9.10.5-P1)	OSC沖縄	http://mail-index.netbsd.org/port-arm/2017/06/12/msg004179.html
2017/7	8.99.1				RPI3起動タイミング修正 microSD認識エラー修正 BIND-9.10.5-P2	JNUG2017	http://mail-index.netbsd.org/port-arm/2017/07/07/msg004286.html
2017/7	8.99.1	3.5.9				OSC北海道	http://mail-index.netbsd.org/port-arm/2017/07/13/msg004307.html
2017/8	8.99.1					OSC京都	http://mail-index.netbsd.org/port-arm/2017/07/13/msg004307.html
	8.99.1		3.8.2		git-base-2.14.1 Bluetoothサポート	ODC2017Tokyo	http://mail-index.netbsd.org/port-arm/2017/08/18/msg004375.html
2017/9	8.99.2	3.5.10			ruby23-base-2.3.4nb1	OSC千葉 NanoPi	http://mail-index.netbsd.org/port-arm/2017/09/01/msg004383.html
	8.99.2	3.5.11				OSC東京秋	

2017/10	8.99.3			ruby23-base-2.3.5	OSC福岡	http://mail-index.netbsd.org/port-arm/2017/10/03/msg004402.html
	8.99.4				OSC島根	
	8.99.5	3.5.12	3.8.3	https://w1.fi/security/2017-1/B.ROOT-SERVERS.NET	OSC長岡	http://mail-index.netbsd.org/port-arm/2017/10/22/msg004416.html
2017/11	8.99.6	3.5.13		git-base-2.15.0	KOF2017	http://mail-index.netbsd.org/port-arm/2017/11/06/msg004432.html
	8.99.7	3.5.15		gcc 5.5.0	OSC広島	http://mail-index.netbsd.org/port-arm/2017/11/21/msg004455.html
2018/1	8.99.10	3.6.0	3.8.4	FDTisation fossil-2.4 ruby23-base-2.3.6 NetBSD-SA01/02	OSC大阪	http://mail-index.netbsd.org/port-arm/2018/01/03/msg004520.html
2018/2	8.99.12	3.6.1		PR/52934 go14	OSC浜名湖	http://mail-index.netbsd.org/port-arm/2018/02/06/msg004579.html
	8.99.12	3.6.3			OSC東京春	http://mail-index.netbsd.org/port-arm/2018/02/22/msg004646.html

OSCはほぼ毎月のように日本各地で行われています。前に、OpenBSDのTheoさんに、自分のノートPCのアップデートをどのくらいの周期でやってるのかきいてみました。2週間くらいごとかないと答えてくれて、ああだいたいそんなものなのかなと思っていました。

NetBSDのイメージを配るとしたとき、どのくらいの周期でアップデートしていけばいいのでしょうか？イメージを配る理由は、何かソフトウェアが新しくなって新しい機能が入ったとか、ハードウェアのサポート種類が増えたとか、ソフトウェアの脆弱性が出たとか、理由はいくつかあると思いますが、試しにずっと更新して配りつづけることにしてみました。

イメージのサイズは2GBにしてみました。ダウンロードにかかる時間とか考えると、これ以上でっかくすると使ってもらえません。2GBのカードのサイズはこんくらいにすればいいよとFreeBSDのワーナーさんに教えてもらってずっとそのサイズにしていたが、手狭になったので増やしました。

イメージに入れるソフトを何にするか考えたんですが、mikutterとmltermにしてみました。RubyのGUI環境+ネットワーク認証を使うソフトと、基本的なターミナルソフトで、sixelグラフィックも表示できるのでおもしろそうです。

作り方は

<https://github.com/ebijun/NetBSD/blob/master/Guide/RPI/RPIImage.rst>

みたいに作って、あらかじめ作っておいたパッケージを組み込んで動作テストをします。mikutterで「あひる焼き」とつぶやいて返事が帰ってくればネットワーク認証と画面表示とRubyまわりと漢字入力とうまくいっています。

19.2. 新しいハードウェア対応

RPI3/RPI0WのBluetooth/無線LANへの対応準備をしています。

<http://mail-index.netbsd.org/port-arm/2017/07/30/msg004328.html>

19.3. ソフトウェア配布方法

NetBSDのftpサイトはCDN対応のところからダウンロードできるようになりました。漫喫でも楽勝です。 - <http://cdn.netbsd.org/> - <http://nycdn.netbsd.org/>

19.4. OSCでやっているデモ

RaspberryPIっぽいなにかということで、omxplayerを使ってcrontabで動画を流すデモと、XM6iで NetBSD/x68kを動かすデモをやっていました。

19.5. security.pax.mprotect.enabled

```
man security
man paxctl
sysctl -a |grep pax
If application failed, such as omxplayer.
try to test
sysctl -w security.pax.mprotect.enabled=0
```

19.6. GPIOのドキュメント

GPIOの使い方をまとめてくれた方が。

- NetBSD GPIO DOC by Marina Brown <https://github.com/catskillmarina/netbsd-gpio-doc/blob/master/README.md>

19.7. 64bit対応

ryo@netbsd さんによる rpi64wip実装が進んでいます。

- <https://github.com/ryo/netbsd-src>
- <http://mail-index.netbsd.org/port-arm/2018/02/20/msg004631.html>

19.8. armv7のいろいろ

Jared McNeillさんによるNetBSD ARM Bootable Imagesがあります。

- <http://www.invisible.ca/arm/>

19.9. ご注文はなんとかですか（弱点）

- RPI3の無線はつかえませんか？
- ラズビアンでは動くんですが
- 8.0版はないんですか

19.10. まとめ

OSCごとにイメージをつくっていると、だいたいBINDとOpenSSLの脆弱性に対応できていい感じです。なんでOSCの直前になると脆弱性がみつかるんでしょうか。たまにBSD自体の10年もののバグとかも発掘されて楽しいです。リリース間隔があげばあくほど、ひとりで対応できる作業量を越えてしまう気がするので、いまんとこれでいいのかほんとうに。



NetBSD/evbarm RPI image



NetBSD 20 years by tsutsui@tokushima



OpenBSD/luna88k & NetBSD/luna68k



seal
by
okano



fsck T shirt by Ryo Shimizu with Fukamachi



pkgsrc talk by obata



NetBSD/luna68k and mikutter 2013kyoto



Seal
Style
Council



NetBSD/sparc64



NetBSD/newsmips



NetBSD/sparc on JavaStation



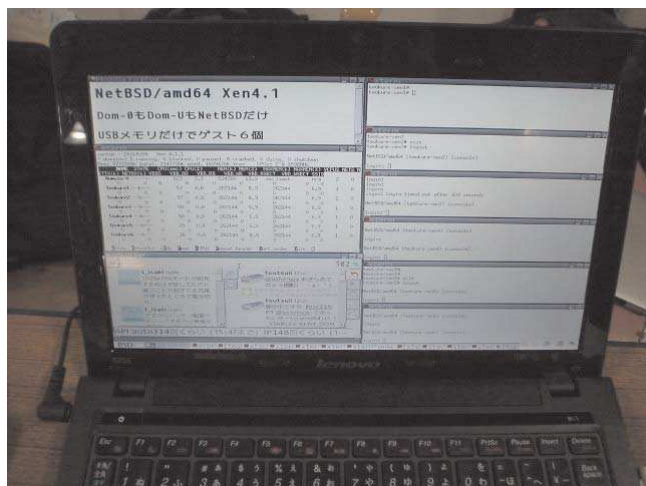
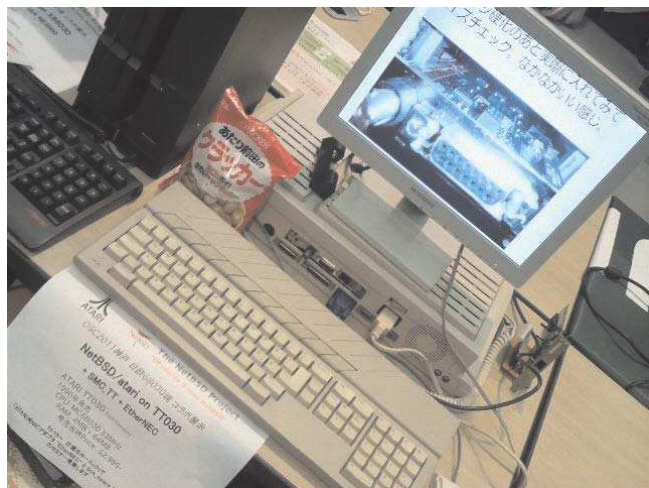
NetBSD/x68k & NetBSD/luna68k



NetBSD/netwinder and kiyohara



Okano & Okabe





NetBSD/dreamcast OSC2012 nagoya



NetBSD/evbarm OSC2013 Tokyo/Spring



NetBSD/evbmips OSC2012 Tokyo/Spring



NetBSD/evbppc OSC2006 Hokkaido



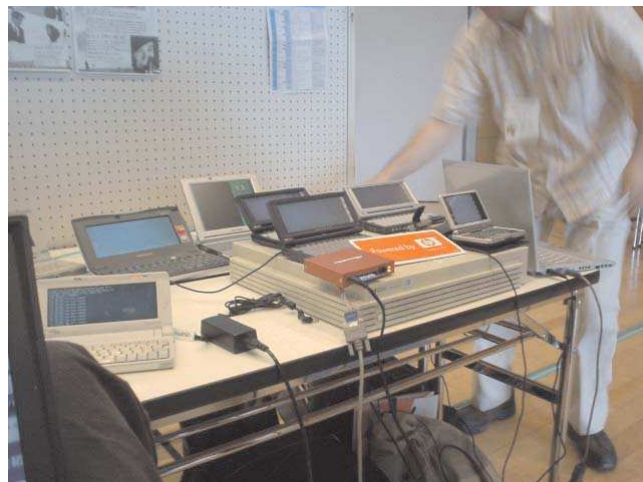
NetBSD/landisk KansaiOpenSource2009



NetBSD/ews4800 mipsKansaiOpenSource2005



NetBSD/hp300 OSC2011 Kagawa



NetBSD/hp700 OSC2008 Shimane



NetBSD/hpcarm OSC2012 Oita



NetBSD/hpcmips KOF 2005



NetBSD/hpcsh OSC2012 Oita



NetBSD/i386&PS2 Kagawa 2001



NetBSD/luna68k OSC2011Kyoto



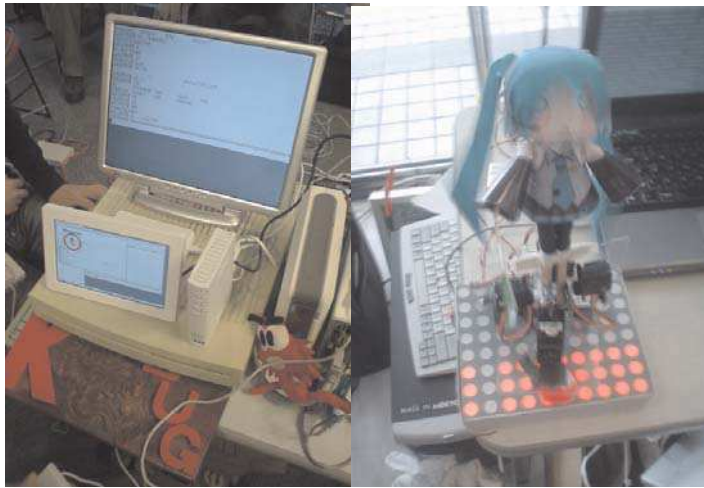
NetBSD/mac68k KOF2008



NetBSD/news68k&newsmips OSC2007 Kyoto



IBM Prep OSC2009 Kyoto



NetBSD/sandpoint KOF 2009



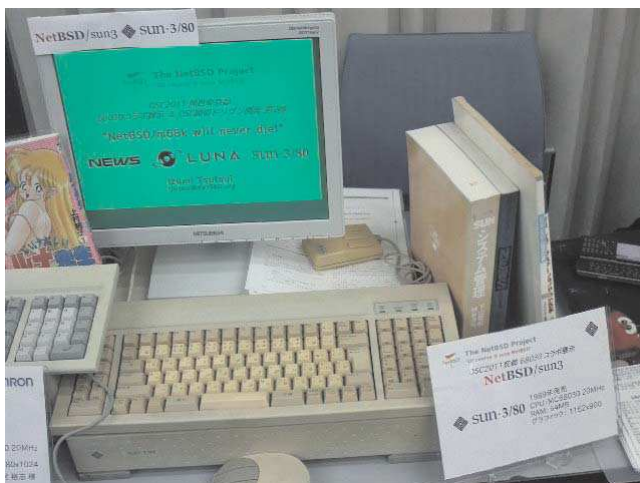
NetBSD/sgimips OSC2009 Kyoto



NetBSD/shark OSC2012 Ehime



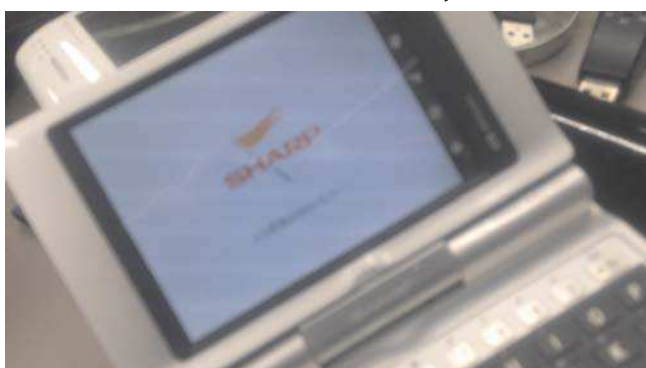
NetBSD/sparc OSC2008Tokyo/Fall



NetBSD/sun3 OSC2011Kyoto



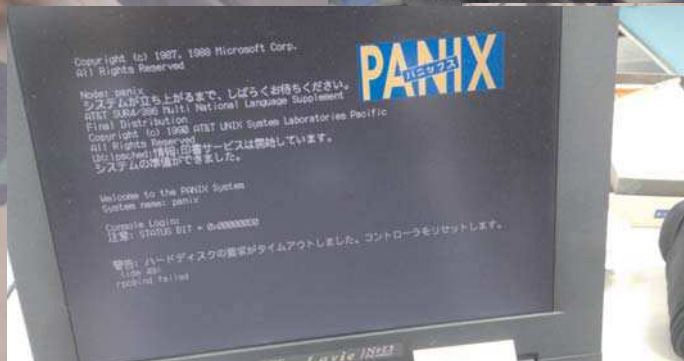
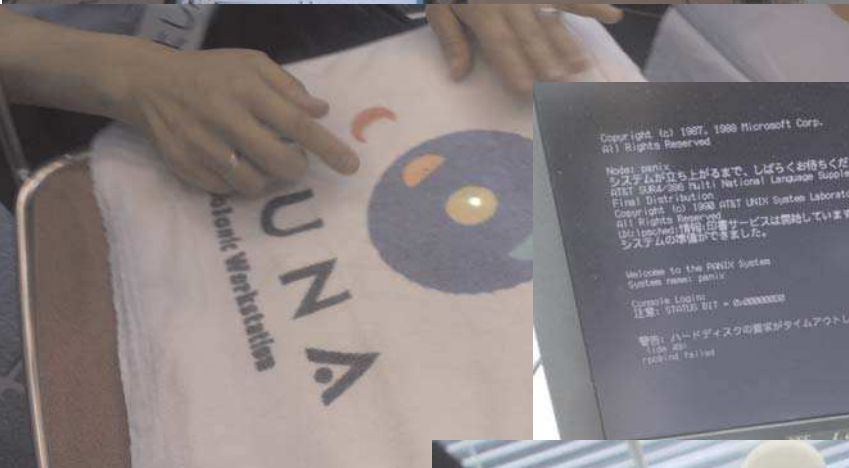
NetBSD/x68k OSC2011Hiroshima



NetBSD/zaurus OSC2013 Tokyo/Spring



XM6i X68000 emulator on evbarm





I spoke to a man down at the tracks
And I asked him how he don't go mad
He said "Look here junior, don't you be so happy
And for Heaven's sake, don't you be so sad"

Life in the hive puckered up my night
The kiss of death, the embrace of life
There I stand 'neath the Marquee Moon
Hesitating

- MARQUEE MOON /TELEVISION



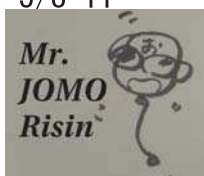


Kanto Hardware map



Tokyo maps

2004	Academia Sinica	3/13-15
2007	Tokyo University	3/8-11
2008	Tokyo University of Science	3/27-30
2009	Tokyo University of Science	3/12-15
2010	Tokyo University of Science	3/11-14
2011	Tokyo University of Science	3/17-20
2012	Tokyo University of Science	3/22-25
2013	Tokyo University of Science	3/14-15
2014	Tokyo University of Science	3/13-16
2015	Tokyo University of Science	3/23-15
2016	Tokyo University of Science	3/10-13
2017	Tokyo University of Science	3/9-12
2018	Tokyo University of Science	3/8-11



contact:: jun@soum.co.jp / twitter: @ebijun
 Facebook: <http://www.facebook.com/NetBSD.jp>
 Backnumber: <https://github.com/ebijun/osc-demo>
 issue: 123 2018/3/9