



# Latest topics about fabre.debian.net

Finding untouched bugs 🐛

Kentaro Hayashi

ClearCode Inc.

DebConf21 online August 28, 2021





# See Rabbit Slide Show



Rabbit  
Slide Show

**Latest topics about  
fabre.debian.net**

Finding untouched bugs 🐛

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<https://slide.rabbit-shocker.org/authors/kenhys/debconf2021-online/>



# Personal profile



- Debian Developer (@kenhys) since Sep, 2020
- Trackpoint(soft dome) and Wasa beef(Yamayoshi Wasabi Potato Chips) fan
- Working for ClearCode Inc.



# ClearCode Inc.



<https://www.clear-code.com/>

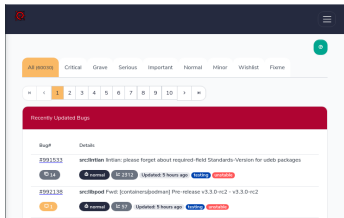
- It is important to do both free software activities and develop/support software business
- We feedback our business experiences to free software



# Agenda

- What is Fabre?
- Recall DebConf20 presentation
- What I want to solve
- Useful use cases
- Summary

# What is Fabre?



<https://fabre.debian.net/>

- Small web service to find untouched bugs



# Recall DebConf20 presentation summary

## An experiment about personalized front-end of **bugs.debian.org**

E-mail archives + UDD + Simple web front-end = 😊

Kentaro Hayashi

ClearCode Inc.

DebConf20 online August 25, 2020



<https://slide.rabbit-shocker.org/authors/kenhys/debconf2020-online/>

debian





# What I want to solve

- The troublesome cases about tracking bugs
  - Mainly package or maintainer oriented approach
    - <https://qa.debian.org/>
    - <https://tracker.debian.org/>
    - <https://udd.debian.org/dmd/>
- Not so easy cases 🙄
  - Find only untouched bugs
  - See blocked bugs at a glance 🙄





# How to solve this situation?

- Provide simple front-end as an experimental service!
  - Mashup existing data
    - Import E-mail archives (debian-bugs-dist,debian-bugs-closed) 
    - Use UDD metadata (udd-mirror@udd-mirror.debian.net) 



Navigation links:

- [Recent Updated](#)
- [Recent Created](#)
- [Release Critical](#)
- [FTBFS](#)
- [Security](#)
- [Within 30 days](#)
- [Within 90 days](#)
- [Newcomer](#)
- [UserTags](#)
- [ArchitectureTags](#)

Filter tabs: All (59973) | Critical | Grave | Serious | Important | Normal | Minor

Wishlist | Fixme

Page navigation: « < 1 2 3 4 5 6 7 8 9 10 > »

### Recently Updated Bugs

Bug#	Details
<a href="#">#991854</a>	src:dmidecode dmidecode: not build for riscv64 7   normal   17768   Patch   Updated: 4 hours ago   testing   unsta
<a href="#">#991597</a>	src:pulseaudio pulseaudio: Please enable GStreamer support



## Latest topics

- Fabre had been deployed under debian.net
- Sponsorship for fabre.debian.net
- And some more minor improvements



# Fabre had been deployed under debian.net

- At first, Fabre was deployed under my own domain
- fabre.debian.net was owned by other DD (unused for a long time)
- Negotiated about fabre.debian.net subdomain with DSA (October, 2020)
- Got fabre.debian.net subdomain and deployed (November, 2020)



# Sponsorship for fabre.debian.net

- May 2020 - Oct, 2020 (No sponsor, hosted on WebARENA/Indigo)
  - There is the issue about limited server resources
- Oct, 2020 - June, 2021 (Sponsored by FOSSHOST)
- June, 2021 - (Sponsored by Debian.net Team)
  - The issue about server resource has been solved! 🎉



# Off-Topic: Request hosting sponsor

debian.net > requests > **Issues**

Open **1** **Closed 5** All **6**

Recent searches ▾

Search or filter results...

**Please create a paste.debian.net instance**

#2 · created 2 months ago by Alexander Wirt

**Request a VPS instance for fabre.debian.net**

#1 · created 2 months ago by Kentaro Hayashi

**move binarycontrol.debian.net to debian.net team** 11 of 11 tasks completed

#3 · created 1 month ago by Johannes Schauer Marin Rodrigues

<https://salsa.debian.org/debian.net-team/requests/-/issues>






## And some more minor improvements

- Improved viewing bugs by category, severity
- Added button to share bug report (Tweet)
- Added more mailto: button to control bug report
- Added to package description in each bug report
- ...



# Use cases about fabre.debian.net

- Finding a bug that no one working on
- Sending control E-mail easily
- Easy to view blocked bugs
- Finding a FTBFS bug 
- Finding a security bug 
- Finding a architecture specific bug 





# Finding a bug that no one is working on

The screenshot shows the Debian bug tracking interface. At the top, there are tabs for severity levels: All, Critical, Grave, Serious, Important, Normal, Minor, Wishlist, and Fixme (27006). Below the tabs is a pagination bar with numbers 1 through 10, where '1' is highlighted. The main content area is titled 'Recently Updated Bugs' and contains two bug entries. The first entry is for bug #991754, and the second is for bug #991743. A red rectangular box highlights the 'Bug #' column, which contains the bug numbers and a comment icon with a '1' next to it for each entry.

Bug #	Details
#991754	src:firefox SpeechSynthesisVoice.lang is incorrect normal 744 Updated: 11 hours ago
#991743	src:dh-cargo dh-cargo-built-using: abort: could not find static lib normal 3 Updated: 19 hours ago testing unstable

- Show the number of comments for your hints



# Sending control E-mail easily

The screenshot shows a control interface for a bug report. It features a list of actions, each with a plus sign on the right:

- Just Reply
- Reply to submitter
- Send control command (Silently)
- Set Architecture Tags (Silently)

The 'Set Architecture Tags (Silently)' option is highlighted in grey. Below it, a horizontal row of buttons represents different architectures, each with a mail icon and a label: `armel`, `armhf`, `arm64`, `hurd-i386`, `alpha64el`, `alphael`, `ppc64`, `ppc64el`, `riiscv64`, `sparc64`, `sh`, `sh4`, and `s390x`. A red horizontal line is drawn under the entire row of buttons.

- Show mailto: buttons to control bugs on each bug report
  - Tagging Architecture is supported

# Easy to view blocked bugs

Tags

Blocked by 542

upstream wontfix

src:firefox-esr firefox-esr: depends on deprecated GTK 2

2 normal 24838 wontfix Updated: 1 year ago stable testing

src:cdebconf cdebconf: depends on deprecated GTK 2

1 normal 19131 Updated: 1 year ago stable testing unstable

src:caribou caribou: depends on deprecated GTK 2

1 normal 11272 Updated: 1 year ago stable testing unstable

src:libayatana-appindicator libayatana-appindicator: depends on deprecated

1 normal 9677 Updated: 1 year ago stable testing unstable

- List blocked bugs appropriately



# Finding a FTBFS bug NEW

All Critical Grave Serious Important Normal Minor Wishlist **Fixme (236)**

« < 1 2 3 4 5 6 7 8 9 10 > »

**FTBFS(Fail to build from source)**

Bug#	Details
<a href="#">#991655</a>	<b>src:weresync</b> weresync: FTBFS: dpkg-buildpackage: error: dpkg-source -b . sub <span>1</span> <span>serious</span> <span>2</span> <span>FTBFS</span> Updated: 2 days ago <span>testing</span> <span>unstable</span>
<a href="#">#991653</a>	<b>src:isoquery</b> isoquery: FTBFS: dh_auto_test: error: make -j4 check VERBOSE=1 <span>1</span> <span>serious</span> <span>7</span> <span>FTBFS</span> Updated: 2 days ago <span>testing</span> <span>unstable</span>

<https://fabre.debian.net/bugs/ftbfs/fixme>














# Finding a security bug NEW

All Critical Grave Serious Important Normal Minor Wishlist **Fixme (355)**

« < 1 2 3 4 5 6 7 8 9 10 > »

**Security**

Bug#	Details
<a href="#">#991739</a>	<b>src:gpsd</b> GPSD time will jump back 1024 weeks at after week=2180 [23-Oct]
 1	 grave  42 Updated: 1 day ago  testing  unstable
<a href="#">#991723</a>	<b>src:sylpheed</b> sylpheed: CVE-2021-37746
 1	 important  35 Updated: 1 day ago  stable  testing  unstable

<https://fabre.debian.net/bugs/security/fixme>



# Finding a architecture specific bug

NEW

All Armel Armhf **Arm64 (18)** Hurd-i386 Mips64el Mipsel Ppc64

Fixme

« < 1 > »

ArchitectureTags

Bug#	Details
<a href="#">#983818</a>	<b>src:linux</b> linux-image-5.10.0-3-arm64: often fails to bring up ethernet <span>1</span> <span>important</span> <span>29775</span> Updated: 3 days ago <span>stable</span> <span>testing</span> <span>unstable</span>
<a href="#">#724711</a>	<b>src:insighttoolkit4</b> insighttoolkit4: Drops architecture support <span>17</span> <span>wishlist</span> <span>19</span> Updated: 7 months ago <span>stable</span> <span>testing</span> <span>unstable</span>
<a href="#">#976580</a>	<b>src:sidplay</b> sidplay: FTBFS on arm64: configure: error: /bin/bash unib

<https://fabre.debian.net/bugs/archtag/arm64>



# Summary

- Fabre had been deployed as debian.net subdomain
- Fabre had been sponsored by Debian.net team
- I've implemented what I want on fabre.debian.net since DebConf20
  - New FTBFS, Security, ArchTag categories and so on



# Any questions?

- Could you speak slowly if you have a question, please?
- Use <https://pad.online.debconf.org/p/16-latest-updates-about-fabredebinnnet-finding-u> for asking a question
  - I'll follow-up after this presentation a bit 🙄