

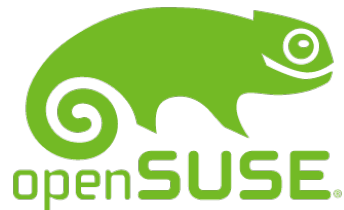


openSUSE tools on Debian

openSUSE.Asia Summit 2017
22nd Oct 2017 in Tokyo, Japan

Purpose of **this talk**

- Provide downstream current status (in Debian) to upstream (= openSUSE)
 - Debian packaged = downstream distro took it
- Also share info/technique between distros
 - Be collaborate, for the better future!



\$ whoami

- Hideki Yamane <henrich@debian.org>
58E1 222F 9696 C885 A3CD 104C 5D32 8D08 2AAA B140
 - Dedicated Debian (Hobby) contributor since around 2003
 - Packages: See <https://goo.gl/dpXcyD>
 - Release note translator (Japanese): Debian6 to Debian9
 - Mirror admin: debian-mirror.sakura.ne.jp
 - Also coordinator for security.debian.org Asian mirror
 - Tech writer on Software Design Magazine – of course, about Debian! (Thanks to 技術評論社)



\$ apt show ...

- YaST: No.
- OBS: Yes!
- Snapper: Yes!
- openQA: is coming...



OBS



OBS in Debian

- Packaged by
 - Andrew Lee (李健秋) <ajqlee@debian.org>
 - Building Debian based projects for daily work on OBS at Collabora for more than 5 years.
 - Never give up for years to made all missing depends all available as [official Debian packages](#) in stretch.

OBS in Debian (cont.)

- Version 2.7.x in Stretch (stable).
 - obs-build contains a selection of patches to improve full Debian based distro builds.
 - And why no “release” tag in git repo for years...?
 - Hopefully all these patches can be upstream. (e.g. [better Debian style repo support](#))
- Version 2.8.x is coming in experimental.
 - Waits for rails 5 from Debian ruby team.



Snapper

Snapper in Debian

- Initial packaging by Nicolas Dandrimont <olasd@debian.org> (in 2013-2014)
- ...stuck
- New maintainer (me) (in 2016-2017)
 - Newest upstream: 0.5.2
 - Debian testing/unstable: 0.5.0
 - [Please tag to repository](#)... > upstream
 - It works! (on my laptop)
 - + bash-completion



openQA



openQA in Debian

- Already declared packaging (by me)
 - see <https://bugs.debian.org/840253>
- Now working for it… ;-)
 - Most of dependency package were uploaded
 - Except [libselenium-remote-driver-perl](#) since upstream contains non-source binary file and don't know how to build it (we cannot upload it to main archive if it has just a binary blobs...)
 - Maybe it's not a blocker, or?

openQA in Debian (cont.)

- Filed some tiny Pull Request
 - Some are Debian specific (merged)
 - Some are not (related test failure issue, merged)
- Perhaps need to deal with chroot environment specific problem with dbus test
 - systemd doesn't allow to start dbus under chroot
 - Just dbus-launch?

openQA in Debian (cont.)

- It pulls some files to generate caches, but build environment doesn't allow network access
 - Add [pre-fetched cache.tar.xz](#) as same as openSUSE?
 - But it's bit hard to note "license" correctly.

openQA in Debian (cont.)

- os-autoinst
 - Already packaged, but newer version needs another Perl modules (waiting for acceptance in Debian Package “New Queue”)
 - why no “release” tag in git repo for years...?

openQA in Debian (cont.)

- d-i (debian-installer) developers has already developed its own testing system
 - See [talk on DebConf17](#)
 - But also interested in openQA
- Already some people have tried to use it for d-i (not packaged one)
 - <http://openqa.debian.net>



Current Status Summary

- YaST: No.
- OBS: 2.7.x in Debian,
2.8.x is waiting Rails5 packages for Debian
- Snapper: 0.5.0 in Debian
- openQA: now packaging...

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