

DSA BOF

#DebConf16

Agenda

- delegation
- membership
- looking back
- moving forward
- service requirements
- port requirements
- port status
- contact us

Delegation

(what do we do)

- Maintaining the user database (LDAP).
- Administering Debian infrastructure in support of Debian services
- Managing some Debian services (authN, authZ, email, etc.).
- Coordinating with hosting (eg UBC) and service (eg Fastly) partners.
- Working with other Debian Developers in support of their services.

Membership

(who we were)

- Faidon Liambotis (paravoid)
- Héctor Orón Martínez (zumbi)
- Julien Cristau (jcristau)
- Luca Filipozzi (lfilipoz)
- Martin Zobel-Helas (zobel)
- Paul Wise (pabs)
- Peter Palfrader (weasel)
- Stephen Gran (sgran)
- Tollef Fog Heen (tfheen)

Membership

(who we are)

- Aurelien Jarno (aurel32)
- Héctor Orón Martínez (zumbi)
- Julien Cristau (jcristau)
- Luca Filipozzi (lfilipoz)
- Martin Zobel-Helas (zobel)
- Paul Wise (pabs)
- Peter Palfrader (weasel) - almost Herr Doktor
- Stephen Gran (sgran)
- Tollef Fog Heen (tfheen)

Looking Back

(what we've been up to)

- mergers and acquisitions
 - merging DebConf infrastructure (but transition is slow)
 - merging debian-ports infrastructure (bye leda.debian.net!)
- infrastructure refresh (highlights)
 - security mirrors (ANU, ISC, UMN)
 - ftp master (franck » fasolo)
 - buildd/porter boxen (powerpc, arm*, mips*)
- service management
 - Let's Encrypt
 - Service Guidelines

Moving Forward

(what we're planning)

- mergers and acquisitions
 - complete the migration of DebConf
 - work with service proponents on Alioth and friends
- infrastructure refresh
 - bytemark-equiv @ ubc (enclosure, blades, storage)
 - cdimage (large memory; large & fast storage)
 - ftp-master & cdimage redux (cf redundancy is good)
 - buldd/porter boxen (more arm, more mips, sparc64)
 - consistent out-of-band service management
- services
 - userdir-ldap » ud
 - video processing » move processing and move archives?

Service Requirements

(from DSA perspective)

- Gather DSA feedback early regarding design
- Determine your resource requirements
- Architect your service well
- Use standard components (stable or backports)
- Design and develop with privacy and security in mind
- Establish a multi-person team to provide support for the service
- Document how to contribute to your service

Port Requirements

(our expectations for buildd/porter boxen)

- multiple machines (sufficient for buildd/porter load, redundant enough to tolerate significant hosting partner outage)
- under warranty or post-warranty hardware support for the duration of their use as buildds / porterboxen including through the LTS timeframe
- located in multiple geographic locations (EU and NA, ideally)
- hosted with different DSA-approved hosting partners, each providing high availability (power, cooling, networking) and intelligent remote hands
- under Debian control and/or ownership; available & affordable
- redundant hardware components (disks, power supplies)
- out-of-band service processor with power mgt or equivalent

Port Status

(from DSA perspective)

- amd64, & i386
 - no issues
- *-kfreebsd
 - manual sync with security archive for jessie
- arm64, armel & armhf
 - some non-blocking issues; **improving**
 - local support required for some machines
 - some machines run on development boards
 - insufficient hardware (all vendor controlled)
 - insufficient hosting locations (most with vendor)

- mips, mipsel, & mips64el
 - some non-blocking issues; improving
 - aging and buggy hardware has been replaced
- powerpc & ppc64el
 - some non-blocking issues; improving
 - insufficient hardware (some vendor controlled)
 - insufficient hosting locations (one with vendor)
- s390x
 - some non-blocking issues
 - completely reliant on sponsored hardware/vm

Contact Us & References (how to reach us)

- Email:
 - private: dsa@debian.org
 - public: debian-admin@lists.debian.org
- Request Tracker:
 - admin@rt.debian.org
(include «Debian RT» in subject)
- IRC:
 - [irc.oftc.net/#debian-admin](irc://irc.oftc.net/#debian-admin)
- References:
 - <https://dsa.debian.org/>
 - <https://wiki.debian.org/Teams/DSA>
 - <https://wiki.debian.org/ServicesHosting>

Questions, Answers & Comments