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)
  • buildd/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

• References:
  • https://dsa.debian.org/
  • https://wiki.debian.org/Teams/DSA
  • https://wiki.debian.org/ServicesHosting
Questions, Answers & Comments