Bits from the Release Team

Emilio Pozuelo Monfort

pochu@debian.org

July 4th, 2016

DebConf16 – Cape Town, South Africa
1 Team
Team

- Release Managers
  - Niels Thykier (nthykier)
  - Emilio Pozuelo Monfort (pochu)

Want to join? Get in touch!
Team

- Release Managers
  - Niels Thykier (nthykier)
  - Emilio Pozuelo Monfort (pochu)
- Stable Release Managers
  - Adam D. Barrat (adsb)
  - Julien Cristau (jcristau)
  - Philipp Kern (pkern)

Want to join? Get in touch!
Team

- **Release Managers**
  - Niels Thykier (nthykier)
  - Emilio Pozuelo Monfort (pochu)

- **Stable Release Managers**
  - Adam D. Barrat (adsb)
  - Julien Cristau (jcristau)
  - Philipp Kern (pkern)

- **Release Assistants**
  - Andreas Barth (aba)
  - Cyril Brulebois (kibi)
  - Felipe Augusto van de Wiel (faw)
  - Ivo De Decker (ivodd)
  - Jonathan Wiltshire (jmw)
  - Mehdi Dogguy (mehdi)

Want to join? Get in touch!
Team

- **Release Managers**
  - Niels Thykier (nthykier)
  - Emilio Pozuelo Monfort (pochu)
- **Stable Release Managers**
  - Adam D. Barrat (adsb)
  - Julien Cristau (jcristau)
  - Philipp Kern (pkern)
- **Release Assistants**
  - Andreas Barth (aba)
  - Cyril Brulebois (kibi)
  - Felipe Augusto van de Wiel (faw)
  - Ivo De Decker (ivodd)
  - Jonathan Wiltshire (jmw)
  - Mehdi Dogguy (mehdi)

- Want to join? Get in touch!
2 Timeline
Timeline

- November 5th:
  - Stop accepting new transitions

- December 5th:
  - Begin ignoring upload urgencies and set a 10-day delay for all migrations to testing
  - Final architecture health check

- January 5th:
  - Soft freeze
  - No new packages from this point on
  - Removed packages won't re-enter testing
  - New versions for packages in testing will still migrate automatically

- February 5th:
  - Freeze

- Sometime later...
  - Release! (and party)
Timeline

- November 5th:
  - Stop accepting new transitions
- December 5th:
  - Begin ignoring upload urgencies and set a 10-day delay for all migrations to testing
  - Final architecture health check
Timeline

- **November 5th:**
  - Stop accepting new transitions

- **December 5th:**
  - Begin ignoring upload urgencies and set a 10-day delay for all migrations to testing
  - Final architecture health check

- **January 5th:**
  - Soft freeze
  - No new packages from this point on
  - Removed packages won’t re-enter testing
    - New versions for packages in testing will still migrate automatically

- **February 5th:**
  - Freeze
  - Sometime later...
  - Release! (and party)
Timeline

- November 5th:
  - Stop accepting new transitions

- December 5th:
  - Begin ignoring upload urgencies and set a 10-day delay for all migrations to testing
  - Final architecture health check

- January 5th:
  - Soft freeze
  - No new packages from this point on
  - Removed packages won’t re-enter testing
    - New versions for packages in testing will still migrate automatically

- February 5th:
  - Freeze
Timeline

- **November 5th:**
  - Stop accepting new transitions

- **December 5th:**
  - Begin ignoring upload urgencies and set a 10-day delay for all migrations to testing
  - Final architecture health check

- **January 5th:**
  - Soft freeze
  - No new packages from this point on
  - Removed packages won’t re-enter testing
    - New versions for packages in testing will still migrate automatically

- **February 5th:**
  - Freeze

- **Sometime later...**
  - Release! (and party)
3 RC bugs
RC bugs

- 1062 RC bugs (according to UDD)
RC bugs

• 1062 RC bugs (according to UDD)
• 300+ bugs due to GCC 6
RC bugs

- 1062 RC bugs (according to UDD)
- 300+ bugs due to GCC 6
- 300+ bugs due to debhelper compat deprecations
RC bugs

- 1062 RC bugs (according to UDD)
- 300+ bugs due to GCC 6
- 300+ bugs due to debhelper compat deprecations
- Only 330 RC bugs in key packages (UDD)
4 Auto removals
Auto-removals greatly help reduce the number of RC bugs.

We intend to keep doing this, so make sure your packages are RC-bug-free!
5 Transitions
Transitions

- Transitions are smooth
- Usual waiting time for a transition <1d
- Transition freeze soon! Plan your transitions ASAP
"But won't you at least stay long enough to insure a smooth transition to your successor?"
Transitions

- Upload your package to experimental to clear NEW and get a transition tracker auto-generated

- Make sure the new version builds everywhere

- Test-rebuild all the rdeps

- reportbug release.debian.org (not mail, not irc)

- Direct upload? Use your own judgement

- Please check with debian-boot & debian-release if udebs are involved
Transitions

- Upload your package to experimental to clear NEW and get a transition tracker auto-generated
- Make sure the new version builds everywhere
Transitions

- Upload your package to experimental to clear NEW and get a transition tracker auto-generated
- Make sure the new version builds everywhere
- Test-rebuild all the rdeps
Transitions

- Upload your package to experimental to clear NEW and get a transition tracker auto-generated
- Make sure the new version builds everywhere
- Test-rebuild all the rdeps
- reportbug release.debian.org (not mail, not irc)
Transitions

- Upload your package to experimental to clear NEW and get a transition tracker auto-generated
- Make sure the new version builds everywhere
- Test-rebuild all the rdeps
- reportbug release.debian.org (not mail, not irc)
- Direct upload? Use your own judgement
  - Please check with debian-boot & debian-release if udebs are involved
6 (old)stable proposed updates
(old)stable proposed updates

- Make sure the bugs are fixed in unstable
(old)stable proposed updates

- Make sure the bugs are fixed in unstable
- reportbug release.debian.org (not mail, not irc)
(old)stable proposed updates

- Make sure the bugs are fixed in unstable
- reportbug release.debian.org (not mail, not irc)
- Include

Debian bug numbers and their severities

The changelog entries

A source debdiff between stable(-security) and the proposed package

Wait for an ack before you upload!
(old)stable proposed updates

- Make sure the bugs are fixed in unstable
- reportbug release.debian.org (not mail, not irc)
- Include
  - Justification
  - **Debian** bug numbers and their severities
  - The changelog entries
  - A **source** debdiff between stable(-security) and the proposed package

Wait for an ack before you upload!
(old)stable proposed updates

- Make sure the bugs are fixed in unstable
- reportbug release.debian.org (not mail, not irc)
- Include
  - Justification
  - **Debian** bug numbers and their severities
  - The changelog entries
  - A **source** debdiff between stable(-security) and the proposed package
- **Wait** for an ack before you upload!
7 Freeze policy
Freeze policy

▶ http://release.debian.org/stretch/freeze_policy.html
Freeze policy

- Gradual freeze, similar to Wheezy and Jessie
Freeze policy

- Gradual freeze, similar to Wheezy and Jessie
  - RC bug fixes
Freeze policy

- [http://release.debian.org/stretch/freeze_policy.html](http://release.debian.org/stretch/freeze_policy.html)
- Gradual freeze, similar to Wheezy and Jessie
  - RC bug fixes
  - Important bugs for optional extra (via unstable)
Freeze policy

- [http://release.debian.org/stretch/freeze_policy.html](http://release.debian.org/stretch/freeze_policy.html)
- Gradual freeze, similar to Wheezy and Jessie
  - RC bug fixes
  - Important bugs for optional/extra (via unstable)
  - Translation / documentation updates
Freeze policy

- No automatic unblocks
Freeze policy

- No automatic unblocks
  - If your package is not in testing at the point of freeze, it will have to go through the unblock process as usual
Freeze policy

- No automatic unblocks
  - If your package is not in testing at the point of freeze, it will have to go through the unblock process as usual
- Auto-removals
Freeze policy

- No automatic unblocks
  - If your package is not in testing at the point of freeze, it will have to go through the unblock process as usual
- Auto-removals
  - Auto-removed packages cannot re-migrate
Freeze policy

- No automatic unblocks
  - If your package is not in testing at the point of freeze, it will have to go through the unblock process as usual
- Auto-removals
  - Auto-removed packages cannot re-migrate
- Don’t assume any package is safe from removal!
Freeze policy

- No automatic unblocks
  - If your package is not in testing at the point of freeze, it will have to go through the unblock process as usual
- Auto-removals
  - Auto-removed packages cannot re-migrate
- Don’t assume any package is safe from removal!
  - We may remove packages before the auto-removal kicks in
Unblock requests
Unblock requests

- reportbug release.debian.org (not mail, not irc)
 Unblock requests

- reportbug release.debian.org (not mail, not irc)
- Include
Unblock requests

- reportbug release.debian.org (not mail, not irc)
- Include
  - Justification
  - **Debian** bug numbers and their severities
  - The changelog entries
  - A source debdiff between testing and the uploaded or proposed package
9 Architectures
Architectures

- Current
  - amd64/i386
  - armel/armhf/arm64
  - mips/mipsel
  - ppc64el
  - s390x

There will be a roll call for porters soon
Architectures

- Current
  - amd64/i386
  - armel/armhf/arm64
  - mips/mipsel
  - ppc64el
  - s390x

- Candidates
  - mips64el

There will be a roll call for porters soon
Architectures

- **Current**
  - amd64/i386
  - armel/armhf/arm64
  - mips/mipsel
  - ppc64el
  - s390x

- **Candidates**
  - mips64el

- **Concerns**
  - kfreebsd
  - powerpc

There will be a roll call for porters soon.
Architectures

- Current
  - amd64/i386
  - armel/armhf/arm64
  - mips/mipsel
  - ppc64el
  - s390x

- Candidates
  - mips64el

- Concerns
  - kfreebsd
  - powerpc

- There will be a roll call for porters soon
10 **Expected for Stretch**
Expected for Stretch

- Linux 4.10
- GCC 6.3
- Python 2.7 / 3.5
- Perl 5.24
- GNOME 2.22
- KDE 16.08
How can you help?
How can you help?

- Don’t introduce new transitions after the freeze
How can you help?

- Don’t introduce new transitions after the freeze
- Only upload packages to unstable if they are meant to be included in Stretch
How can you help?

- Don’t introduce new transitions after the freeze
- Only upload packages to unstable if they are meant to be included in Stretch
- Keep fixing RC bugs affecting Stretch
How can you help?

- Don’t introduce new transitions after the freeze
- Only upload packages to unstable if they are meant to be included in Stretch
- Keep fixing RC bugs affecting Stretch
  - Specially those affecting key-packages
How can you help?

- Don’t introduce new transitions after the freeze
- Only upload packages to unstable if they are meant to be included in Stretch
- Keep fixing RC bugs affecting Stretch
  - Specially those affecting key-packages
- Organize a BSP!
How can you help?

- Test upgrades on existing systems
How can you help?

- Test upgrades on existing systems
  - Report issues to the upgrade-reports pseudo-package
How can you help?

- Test upgrades on existing systems
  - Report issues to the upgrade-reports pseudo-package
- Test the installation process
How can you help?

- Test upgrades on existing systems
  - Report issues to the upgrade-reports pseudo-package
- Test the installation process
  - Report issues (or successes) to the installation-reports pseudo-package
How can you help?

- If there are major changes to your packages that you think people should know about, file a bug against the “release-notes” pseudo-package.
How can you help?

▶ If there are major changes to your packages that you think people should know about, file a bug against the “release-notes” pseudo-package
  ▶ Preferably with a paragraph or two of text
How can you help?

- If there are major changes to your packages that you think people should know about, file a bug against the “release-notes” pseudo-package
  - Preferably with a paragraph or two of text
- If you need binNMUs scheduled or packages removed from testing, then don’t just leave a note in your bug report and assume we’ll notice
How to contact us
How to contact us

- Specific topics: reportbug release.debian.org (binNMUs, transitions, unblock, proposed updates, ...)

- Mailing-list: debian-release@lists.debian.org

- IRC: #debian-release (on irc.oftc.net)

- Did I mention reportbug release.debian.org?
How to contact us

- Specific topics: reportbug release.debian.org (binNMUs, transitions, unblock, proposed updates, ...)
- Mailing-list: debian-release@lists.debian.org
How to contact us

- Specific topics: reportbug release.debian.org (binNMUs, transitions, unblock, proposed updates, ...)
- Mailing-list: debian-release@lists.debian.org
- Specific topics: reportbug release.debian.org (binNMUs, transitions, unblock, proposed updates, ...)
- IRC: #debian-release (on irc.oftc.net)
- Did I mention reportbug release.debian.org?
How to contact us

- Specific topics: `reportbug release.debian.org` (binNMUs, transitions, unblock, proposed updates, ...)
- Mailing-list: `debian-release@lists.debian.org`
- Specific topics: `reportbug release.debian.org` (binNMUs, transitions, unblock, proposed updates, ...)
- IRC: `#debian-release` (on irc.oftc.net)
How to contact us

- Specific topics: `reportbug release.debian.org`
  (binNMUs, transitions, unblock, proposed updates, ...)
- Mailing-list: `debian-release@lists.debian.org`
- Specific topics: `reportbug release.debian.org`
  (binNMUs, transitions, unblock, proposed updates, ...)
- IRC: `#debian-release` (on irc.oftc.net)
- Did I mention `reportbug release.debian.org`?
Before we leave
Before we leave

- Stretch+1 is Buster
Before we leave

- Stretch+1 is Buster
- And Buster+1 will be...
14 Acknowledgements
Acknowledgements
15 Questions?