systemd in Debian - a status update

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introduction

- polish and QA
- trimming the base OS
- getting rid of legacy cruft
polish and QA

stable updates

- 4 stable point releases in jessie
- bug fixes and improvements
- https://bugs.debian.org/cgi-bin/pkgreport.cgi?users=pkg-systemd-maintainers@lists.alioth.debian.org;tag=jessie-backport;dist=stable
keeping systemd releasable

- elaborate unit test suite and autopkg test suite
- runs on every pull request upstream
- push patches upstream as much as possible
- allows us to track new upstream releases very closely
less is more

init

- init meta package no longer essential
- `apt remove init` → (buildd) chroots

udev

- udev optional
- `apt remove udev` → containers
package split

- systemd-{container,journal-remote,coredump}
- avoid library dependencies
libsystemd-shared

- turn common code into a private shared library
- cuts the package size in half
initscripts

- `apt remove initscripts`
- `/lib/init/vars.sh → sysvinit-utils`
- `https://bugs.debian.org/cgi-bin/pkgreport.cgi?users=pkg-systemd-maintainers@lists.alioth.debian.org;tag=initscripts-dep`

sysv-rc

- `apt remove sysv-rc`
- `invoke-rc.d/update-rc.d → init-system-helpers`
removing technical debt

insserv-generator removal

- LSB defined facilities via /etc/insserv.conf(.d/)
- Debian specific patch
- scheduled to be removed for stretch
- https://bugs.debian.org/cgi-bin/pkgreport.cgi?users=pkg-systemd-maintainers@lists.alioth.debian.org;tag=insserv-removal
rcS init scripts removal

- early boot services
- prone to cause dependency cycles
- Debian specific patch
- scheduled to be removed for stretch
- solution: native services
- https://bugs.debian.org/cgi-bin/pkgreport.cgi?users=pkg-systemd-maintainers@lists.alioth.debian.org;tag=init-rcs-service
adoption of systemd

Figure 1: status as of 2016-07-01
how to help / get involved

- **BUGS:** https://bugs.debian.org/src:systemd
  https://bugs.debian.org/cgi-bin/pkgreport.cgi?users=pkg-systemd-maintainers@lists.lio.oth.debian.org
- **IRC:** #debian-systemd on OFTC
- **ML:** http://lists.lio.oth.debian.org/mailman/listinfo/pkg-systemd-maintainers
- **package in git, git-buildpackage**
  http://anonscm.debian.org/cgit/pkg-systemd/systemd.git/
fix a bug and get a free hug

Figure 2: https://flic.kr/p/eiu7Ap, CC-BY-2.0