The State of Kopano in Debian

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Figure 1: kopanocore in NEW

About us

Carsten

- Debian Maintainer
- Everything related to Thunderbird/Icedove

Guido

- ► Debian Developer
- ► Nowadays mostly libvirt-* and git-buildpackage
- ► Debian LTS Team member
- ► Freelancing Software Developer

What's Debian

A universal operating system

- ▶ Free operating system and software collection
- ▶ > 45.000 binary packages
- ▶ *One* central source for all free software
- ▶ ~10 Linux architectures
- ▶ Downstreams: Raspbian, UCS, Tails, Ubuntu, grml, Skolelinux, (> 130)

- Focus on quality: Debian Policy, archive rebuilds, piuparts, lintian, autopkgtests, adequate
- Focus on automation: tasks, virtual packages, alternatives, debconf, dbconfig-common

A project

- 1700+ contributors
- Developers, non uploading contributors, maintainers
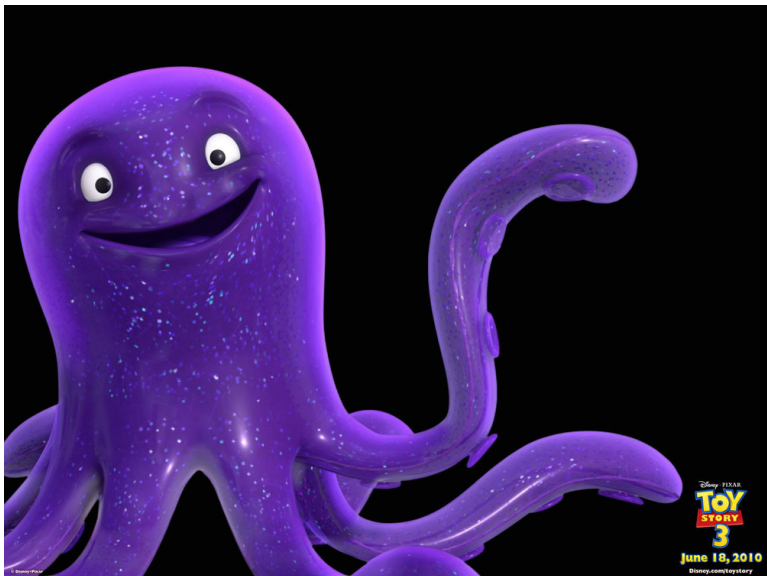- not single company backed

The upcoming release

Stretch

Figure 2: Stretch

Schedule

Figure 3: Stretch Release

Whats new in Stretch

- Reproducible Builds

- New architecture: mips64el

- Lots of updated Software: PHP 7.0.11, Python 3.5.1, GNOME 3.22, LibreOffice 5.2.2, docker 1.11, . . .

- Kopano?

Kopano in Debian

Z-Push

- D-Push
- currently stalled at 2.0.7

ZCP → Kopanocore

- Started in 2011 with 7.0.X
- All dependencies (gsoap, libvmime, . . .) are packaged and look good for Stretch

- Upload to 7.2.1 to NEW on 2015-11-01
- Rejected by Debians FTP masters in March 2016
- GCC5 transition
- Renaming to Kopanocore

- ► Update to 8.1.0
- ► New packages: kopano-backup, kopano-archiver
- ► Missing: kopano-presence

From: Debian FTP Masters <ftpmaster@ftp-master.debian.org>
To: pkg-giraffe-maintainers@lists.alioth.debian.org
Date: Wed, 05 Oct 2016 22:27:44 +0000
Subject: [Pkg-giraffe-maintainers] Processing of kopanocore

kopanocore_8.1.0-1_amd64.changes uploaded successfully to
along with the files:
  kopanocore_8.1.0-1.dsc
  kopanocore_8.1.0.orig.tar.xz
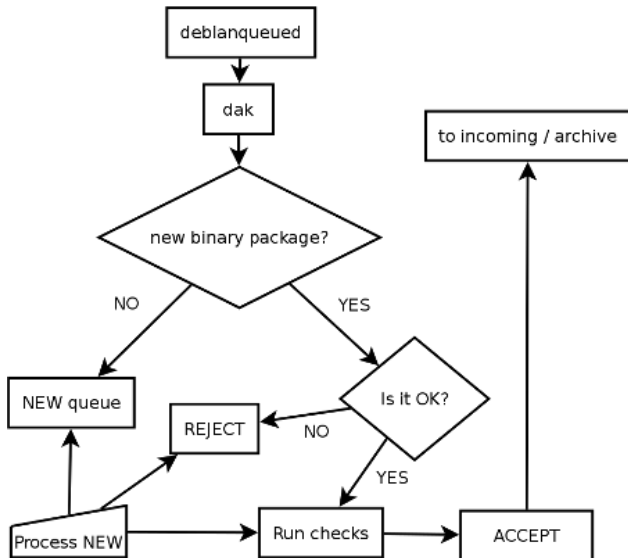 kopanocore_8.1.0-1.debian.tar.xz
  kopano-archiver-dbgsym_8.1.0-1
  ...

Figure 4: NEW processing

Webapp

- ▶ Version 3.1.0 work in progress
- ▶ https://github.com/tijuca/zarafa-webapp

How you can help

- Check if important packages you depend on are in testing / have rc-bugs
  - http://bugs.debian.org/<packagename>
  - http://tracker.debian.org/<packagename>

- Install how-can-i-help

```
New packages removed from Debian 'testing' (the maintai
 ...
 - python-junitxml - https://tracker.debian.org/pkg/pyj
 - seahorse-nautilus - https://tracker.debian.org/pkg/s
 - twine - https://tracker.debian.org/pkg/twine
 - twittering-mode - https://tracker.debian.org/pkg/twi

New packages going to be removed from Debian 'testing'
 ...
 - docker.io - https://tracker.debian.org/pkg/docker.io
```

- `https://wiki.debian.org/Groupware/Giraffe`
- Kopano Debian packaging ML

- Z-Push
- Build, Test the packages (see debian/README.source)
- Report bugs
- Extend autopkgtests
- Help with the php7 switch
- Help with the python3 switch

Comments? Questions?

- blog: `http://honk.sigxcpu.org/con`
- @GuidoGuenther on twitter

- License: CC BY-SA
- Sources: `https://git.sigxcpu.org/cgit/talks/2016-10-kopano-conference/`