

Debian



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Debian Maintainer

A bit about me

- Free Software Enthusiast
- Debian Contributor since 2015
- Debian Maintainer Since Sept 2016
- Pursuing MCA, (6th semester)

Outline

- **What is Debian?**
 - **History**
 - **An OS, a project, a community**
- **Release Processes**
- **Stretch is coming**
- **Contribute to GitLab, diaspora packaging**

History

“Fellow Linuxers, This is just to announce the imminent completion of a brand-new Linux release, which I’m calling the Debian Linux Release. [. . .]”

Ian A Murdock, 16/08/1993 comp.os.linux.development

- **DEB**ra Lynn and **IAN** Murdock
- 1st major distro developed “openly in the spirit of GNU”
- Easy to install (back then SLS and Slackware were only there)
- built collaboratively by software experts
- Make GNU/Linux compete with commercial OS
- Bruce Perens->pixar->Toy story characters

Debian - The OS

- flagship product: **Debian GNU/Linux Stable**
- binary distribution
- completely Free (DFSG)
- Release when its ready (apparently 24 months)
- a dozen architectures
- LTS
- Famous for Stability, Packaging System

Debian - Project

- Goal “ ***Create the best, Free operating system***”
- Debian Social Contract
 - 100% Free Software
 - Dont hide problems
 - Priorities: users & free softwares
 - Give back
- Debian Constitution
- > 1000 project members world wide

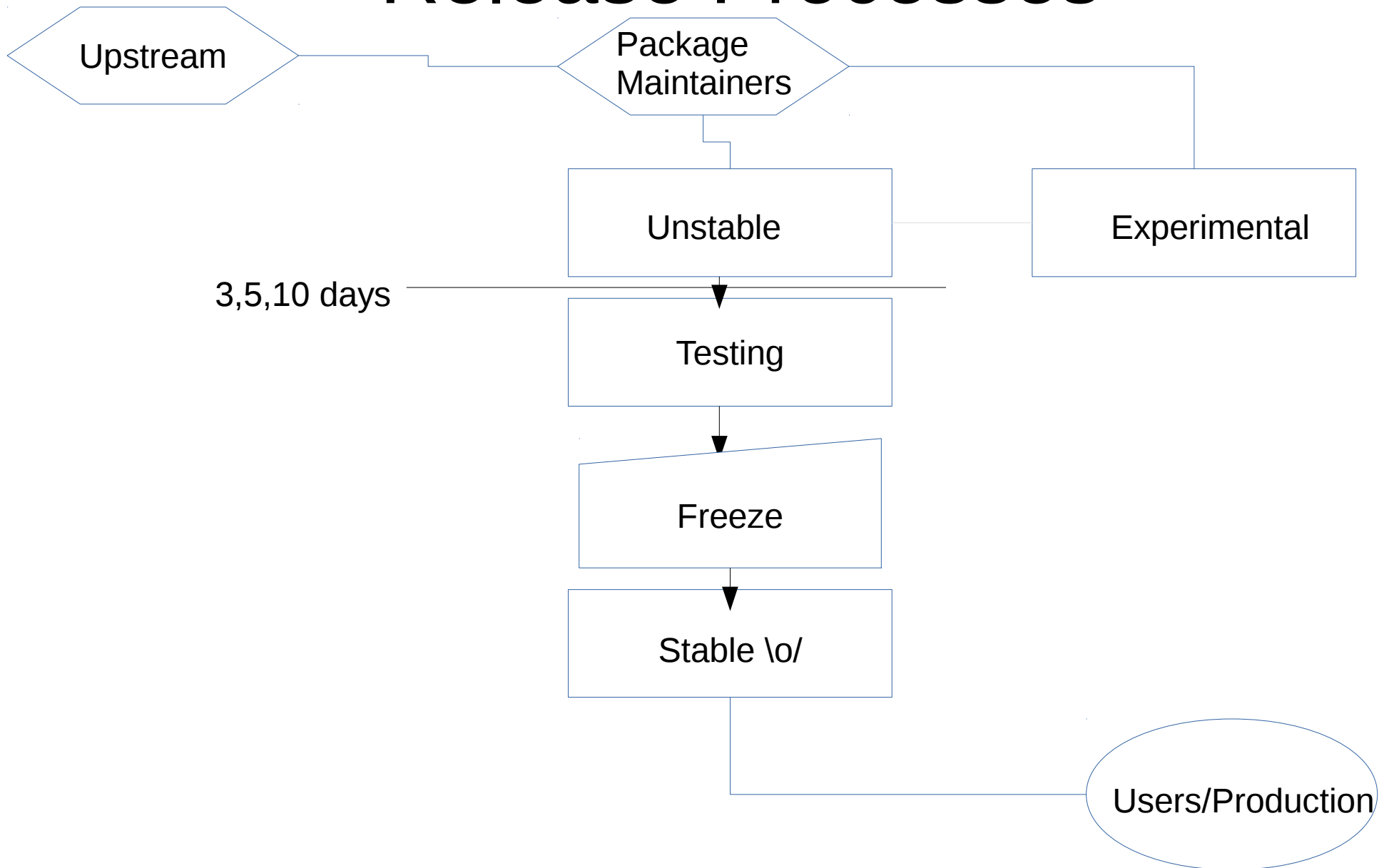
Debian - Community

- users help each other, contribute patches, report bugs.
- Open Development
 - We don't hide problem.
 - Do-ocracy & democrazy
- Large amounts of communication via mailinglists, IRC
- DD>DM>contributors

Release Process

- Stages
 - Experimental
 - Unstable
 - Testing
 - Stable
- Components
 - Main
 - Contrib
 - Non-free
 - *Volatile (now <release name>-updates)*
 - *Backports*

Release Processes





debian
stretch

is coming..

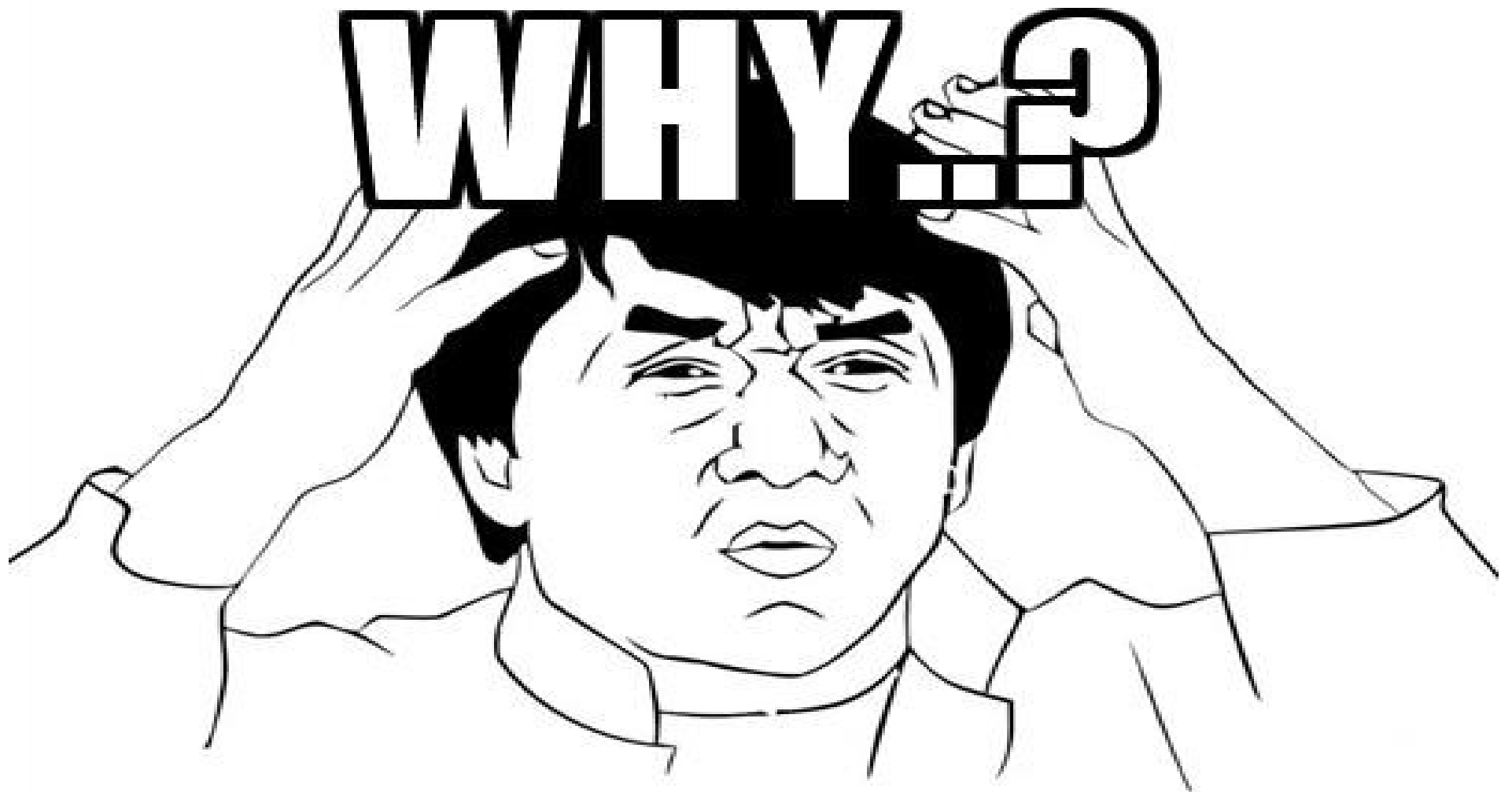
Stretch



#NewInStretch

- New Arch: **mips64el**
- Removed Arch: powerpc
- Linux Kernel: 4.9 LTS
- GCC: 6.3
- Ruby:2.3
- PostgreSQL:9.6
- PHP: 7.0
- MySQL--> MariaDB
- Release will be dedicated to Ian Murdock

Packaging WebApps



Contribute to GitLab, diaspora packaging

- Debian is packaging gitlab and diaspora
 - GitLab migrated to testing \o/
 - Diaspora kicked out of testing :(
- Why packaging ?
 - To help average tech users.
 - Help Sys Admin.

#debian-ruby, irc.debian.org

<https://wiki.debian.org/Teams/Ruby>

If you still ask **why packaging**

install mailman3 or groupserver from source

You will get the idea :)

Thank you

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