

No surprises

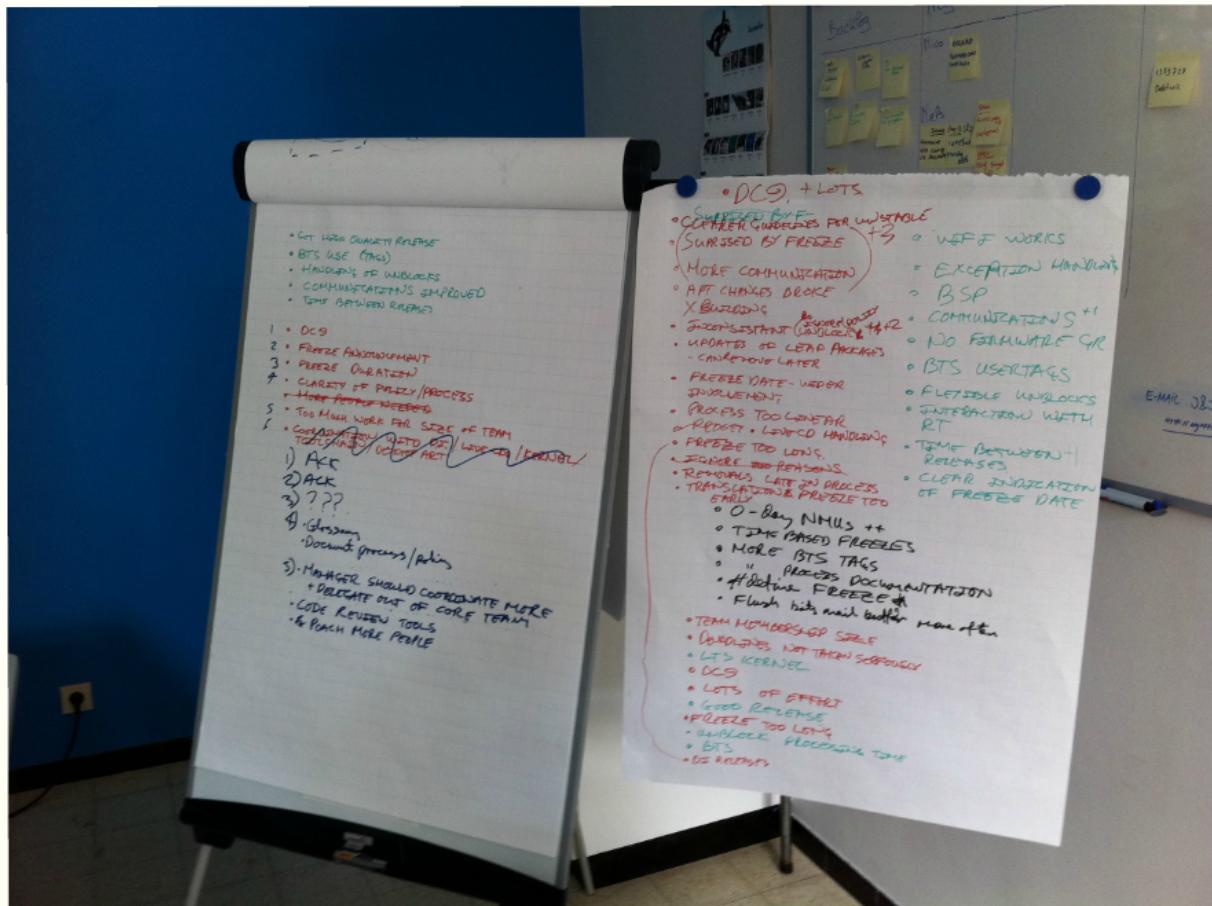
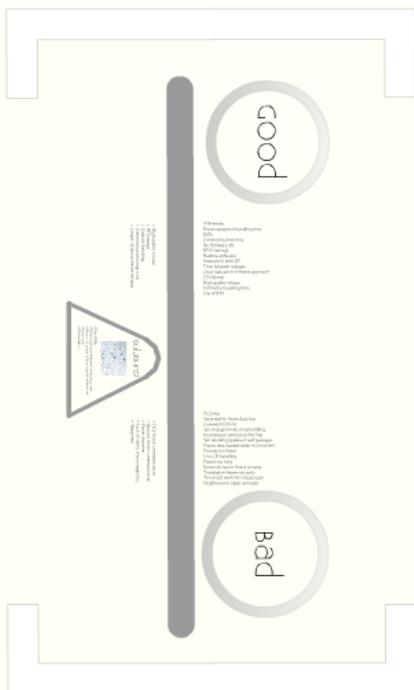


Bits from the Release Team



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Retrospective



• DCG + LOTS

~~SUPERSED BY F~~ CLEARED GUIDELINES FOR UNSTABLE

~~SUPERSED BY FREEZE~~ +3

MORE COMMUNICATION

APT CHANGES CHOICE

X BUILDING

INCONSISTENT (WORD DOCUMENT) +2

UPDATES OF LEAP PACKAGES
- CAN REMOVE LATER

FREEZE DATE - NEED INVOLVEMENT

PROCESS TOO LINEAR
+ DEEP • LIVE CD HANDLING

FREEZE TOO LONG

IGNORE REASONS

REMOVALS LATE IN PROCESS

TRANSLATION & FREEZE TOO EARLY

0-day NMUs ++

TIME BASED FREEZES

MORE BTS TAGS

" PROCESS DOCUMENTATION

#define FREEZE

Flush bits and buffer more often

TEAM MEMBERSHIP SIZE

DEPOLARIS NOT TAKEN SERIOUSLY

LTS KERNEL

DCS

LOTS OF EFFORT

GOOD RELEASE

FREEZE TOO LONG

- UNBLOCK PROCESSING TIME

BTS

DC RELEASES

WIFI WORKS

EXCEPTION HANDLERS

BSP

COMMUNICATIONS +1

NO FIRMWARE GR

BTS USERTAGS

FLEXIBLE UNBLOCKS

INTERACTION WITH RT

TIME BETWEEN +1
RELEASES

CLEAR INDICATION
OF FREEZE DATE

- GOT HIGH QUALITY RELEASE
- BTS USE TAGS
- HANDLING OF UNBLOCKS
- COMMUNICATIONS IMPROVED
- TIME BETWEEN RELEASES
- 1. DCS
- 2. FREEZE ANNOUNCEMENT
- 3. PREFER DURATION
- 4. CLARITY OF POLICY/PROCESS
- 5. MORE PEOPLE NEEDED
- 6. TOO MUCH WORK FOR SIZE OF TEAM
COORDINATION WITH DI / LIVE CD / KERNEL / DOCUMENTATION / OCTOPUS ART
- 1) ACK
- 2) ACK
- 3) ???
- 4) Glossary
Document process/policy
- 5) Manager should coordinate more
+ DELIVER OUT OF CORE TEAM
- CODE REVIEW TOOLS
- POACH MORE PEOPLE

Good

- WiFi works
- Freeze exception handling time
- BSPs
- Communications (v2)
- No Firmware GR
- BTS Use-tags
- Flexible unblocks
- Interaction with RT
- Time between releases
- Clear indication of freeze approach
- LTS Kernel
- High quality release
- Unblock processing time
- Use of BTS

Bad

- DC9 (v5) surprised by freeze date (xc)
- Communications
- API changes broke cross building
- Inconsistent unblock policy (v3)
- Not allowing update of test packages
- Freeze date needed wider involvement
- Process too linear
- Live CD handling
- Freeze too long
- Removals late in freeze process
- Translation freeze too early
- Too much work for release team
- Deadlines not taken seriously

solutions!



- Role of RMs
- Better tracking/distribution of ongoing work
- More involvement of those outside release team
- Better tools
- More people (v4)

- DC9 freeze communication
- Squeeze freeze communication
- Freeze duration
- Lack of clarity of process/policy
- Manpower

- High quality release
- BTS usage
- Unblock handling
- Communications improved
- Length of time between releases

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No surprises

Bits from the
Release
Team



Removals from testing

semi automated!

Tools to locate likely candidates

Mails to debian-devel

Both automatic and manual

- DC9 freeze communication
- Squeeze freeze communication
- Freeze duration
- Lack of clarity of process/policy
- Manpower

solutions!





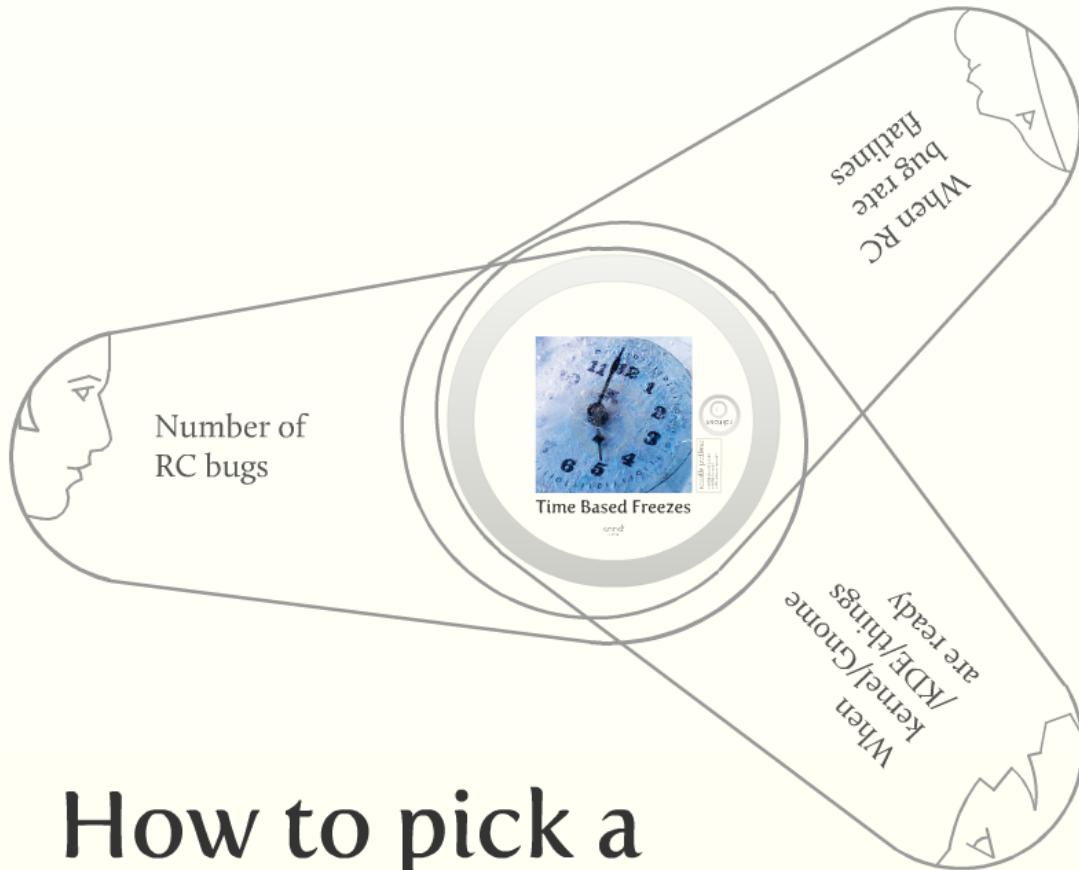
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- Better tracking/distribution of ongoing work
- More involvement of those outside release team
- Better tools
- More people

- Pierre Habouzit
+ Niels Thykier

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+ Niels Thykier



- DC9 freeze communication
- Squeeze freeze communication
- Freeze duration
- Lack of clarity of process/policy
- Manpower



How to pick a freeze date?



Number of
RC bugs



seen in Chrome

ione
ngs

Time Based Freezes
Good



When RC
bug rate
flatlines

Ka

When
kernel/Gnome
/KDE/things
are ready



n RC
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, bugs
number of



Time Based Freezes

good!
... in theory ...

Possible problems

- Will the kernel be ready?
- Will d-i be ready?
- What if we're not ready?



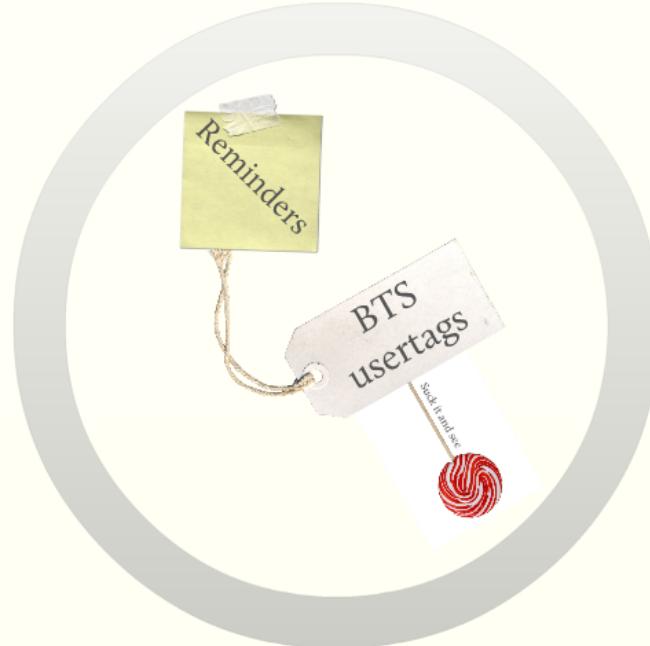
GOOD!

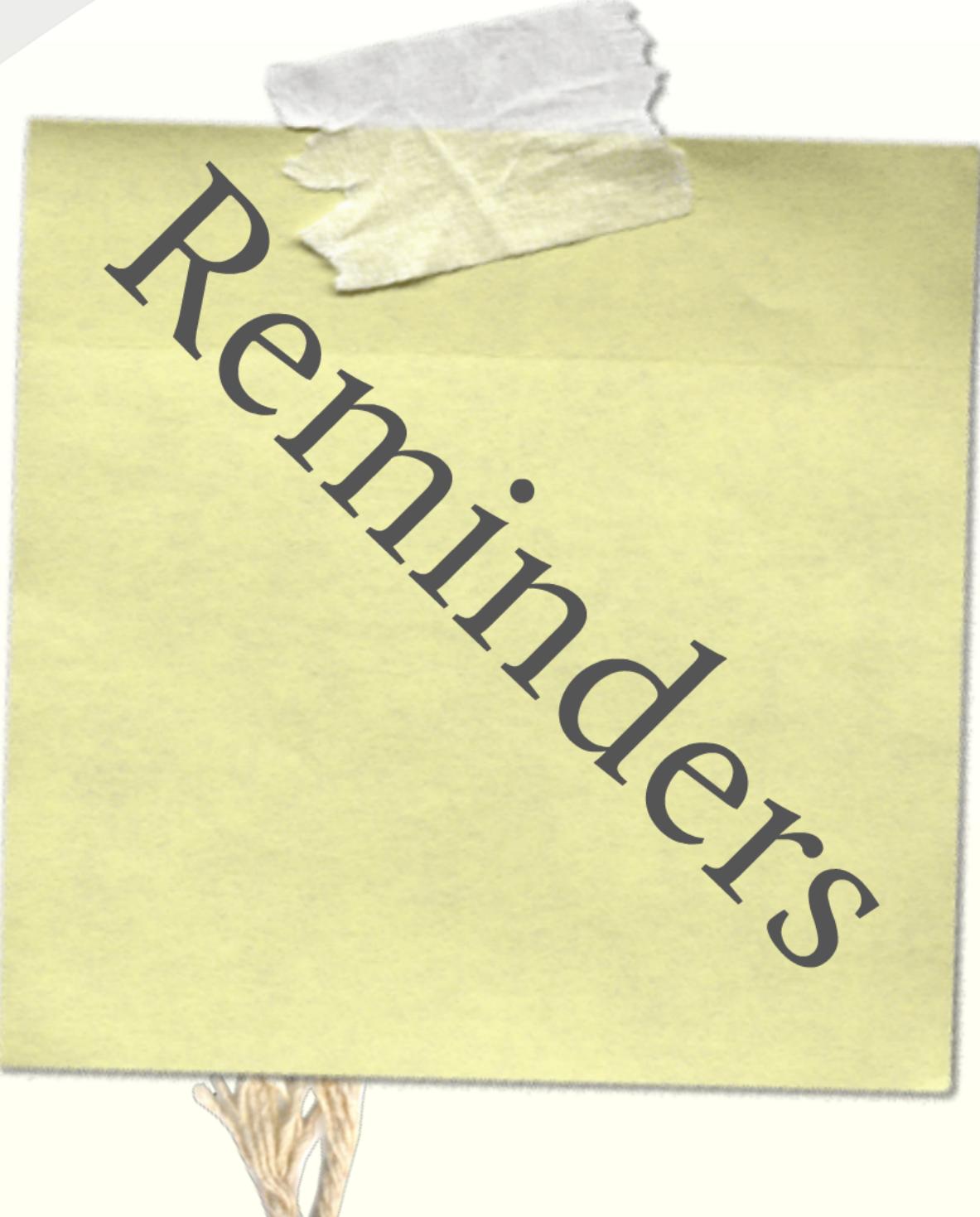
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Possible problems

- Will the kernel be ready?
- Will d-i be ready?
- What if we're not ready?

solutions!





Reminders



BTS usertags

Suck



Suck it and see

When
kernel/
KDE/
are rei

CUT/Rolling/Testing

what is testing for?

CUT/Rolling

We don't mind, as long as...

No impact on stable release process
This includes asking release team to do work!

making new development
more exciting during freezes

Make stable releases easier

Moved on

Unbroken at all times
Not easily possible

perf5.12
eglibc
Kernels[...]

Experimental
should be
easier...

UT/Rolling/Test

what is testing for?



→ Make stable releases easier

Moved on

Moved on

Moved
Unbroken at all times

Not easily possible

perl5.12
eglibc
libsvn [kfreebsd]

perl5.12

eglibc

libsvn [kfreebsd]

CUT/Rolling

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more exciting during freezes



Experimental
should be
easier...



Easier to develop with...

- moving of packages from experimental to unstable
- on demand experimental repositories

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Easier to develop with...

Easier to use...

- make it easier to explore
- experimental-changes mailing list



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Retrospective

