

The debian-volatile Archive

Debian-Day LinuxTag 2005

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Outline

- 1 Introduction
 - Where we come from
 - Goal
- 2 Beyond debian-volatile
 - Technical Infrastructure
 - Non technical Infrastructure
 - Who is working on debian-volatile
- 3 Planings and further steps



The discussion on `debian-devel@lists.d.o`

- Martin 'Joey' Schulze was asking for
Updating scanners and filters in Debian stable (3.1) [1]
- Noah Meyerhans proposed
a separate volatile section [2]
- Jesus Climent proposing
`volatile.debian.org` [3]



Above all, do no harm!

Provide Packages with fast moving targets like

- spam filters and patterns
- virus scanners and virus patterns
- essential network tools (e. g. whois)



Above all, do no harm!

Packages should

- be conform with given policies.
- be autobuildable within the same release.
- be upgradable from debian-volatile to the next stable release.



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- be upgradable from debian-volatile to the next stable release.
- go only in co-operation with the maintainers of course.



Above all, do no harm!

For end users

- bugs should be reported to the regular debian BTS¹
- debian-volatile should be useable like `security.debian.org`

¹Bug Tracking System



Accepting packages

- first discussion on the mailinglist
- signed upload via ftp
- accepted into debian-proposed (after new)
- autobuilt
- reviewed again, accepted to volatile(-sloppy) and announced



The Archive

- uses the "standard" tools (aka katie, like `ftp.debian.org`),
- runs on a restricted box,
- install time is every half hour (dinstall)
- Packages-files are digitaly signed



The Build Daemons

- autobuilders for all 12 architectures (including amd64)
- uses the "usual" tools (quinn-diff, wanna-build, buildd, sbuild)
- share infrastructure with experimental and non-free builddds



The Mirror Network

- main mirror is `volatile.debian.net`
- growing number of mirrors all over the world
- push mirroring will soon be available for all mirrors



The Mailinglist

- `debian-volatile@lists.debian.org`
Older mailinglist archive is available on `lists.ftbfs.de`
Mailing list used as “role account”
- `debian-volatile-announce@lists.debian.org`



apt source

How to get packages from volatile:

- `deb http://volatile.debian.org/debian-volatile sarge/volatile main`
- `deb-src http://volatile.debian.org/debian-volatile sarge/volatile main`



apt source

How to get packages from volatile-sloopy:

- `deb http://volatile.debian.org/debian-volatile sarge/volatile-sloopy main`
- `deb-src http://volatile.debian.org/debian-volatile sarge/volatile-sloopy main`
- Packages in volatile-sloopy are pinned to 1 by default



Workers and Co-workers how to get in contact with

- Website:
`http://volatile.debian.net`
- eMail:
`debian-volatile@lists.debian.org`
- IRC:
`irc.oftc.net - #debian-volatile`



Discussion

Let us hear your thoughts and questions.



References:

▶ Back



[Schulze, Martin *Joey*]

Updating scanners and filters in Debian stable (3.1)

<http://lists.debian.org/debian-devel/2004/09/msg00795.html>
09/2004.



[Meyerhans, Noah]

A seperate volatile section

<http://lists.debian.org/debian-devel/2004/09/msg00854.html>
09/2004.



[Climent, Jesus]

Thoughts about volatile.debian.org

<http://lists.debian.org/debian-devel/2004/09/msg01304.html>
09/2004.

