

BSDCan ports summit



**Ports and packages summit
BSDCan 2011**



Fixed issues

EOL policy

ABI/KBI

Package builds will use the oldest supported minor release within each major branch to ensure ABI and KBI backwards compatibility within each major branch, and support all minor versions of each major branch, including `-RELEASE` and `-STABLE`.

Current issues



Packages are built best-effort

No predictable date

Only current set supported,
e.g. can't install system today and add one port next week

Packages-x.y-release vs packages-x-stable confusion

-release packages are really, really old

Package sets



Define “set”.

A full tree of packages at given RCS-id within a given major branch.

Requires: single, unique tree-wide revisionID

Package sets



Starting point:

- Only Tier 1 architectures
- No HEAD

Weekly package sets:

Frequent enough not to need branching or pullups

EoL: 2 months

Monthly package sets:

Slower churn

EoL: 12 months

EOL policy for FreeBSD releases/branches



Keep current policy of following so@.

Release packages



re@ includes latest available package set with extended support at the time of release building.

PKGNG



- New package format
- More metadata
- SQLite backend
- Binary upgrades

Transition period:

Commit to HEAD

MFC to 9.x as option

Build packages in new format and convert to old format
to upload to ftp-master



Distribution

HTTP, not FTP

Wishlist:

Two master servers with large storage capacity

Four public reverse proxies (2 US, 1 EU, 1 AsiaPac)

VCS



SVN?

FreeBSD portmgr



Links

- <http://www.FreeBSD.org/ports/>
- <http://www.FreeBSD.org/portmgr/>
- <http://portsmon.FreeBSD.org/>

<http://people.FreeBSD.org/~erwin/presentations/>

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