

FreeBSD Ports 2012



State of the FreeBSD Ports Collection as of DevSummit Aug 2012

Progress since BSDCan



We've been busy the last 3 months:

- New options framework (OptionsNG) committed
- VCS switched to Subversion
- Bernhard Froehlich (decke@FreeBSD.org) brought QAT back (based on redports infrastructure)
- pkgng heading to 1.0
- ARM package builds
- Work on pointyhat 2 code

pkgng



- pkgng 1.0 released yesterday
- pkgng 1.1 development open
- Brainstorming on pkgng 2.0
- Get vendors needs integrated
- Patch for nvidia driver should be committed this evening
- Switch CURRENT to pkgng by default

The Next 6 Months



Here's what we are working on for the rest of the year:

- Package sets
- Unique UNIQUENAME
- Ability to allow users to choose their ports compiler
- Pointyhat 2.0
- CDN for package distribution

Package Sets - 1



- Consistent set of packages
- Upgrade between full sets
- Clear security and EOL support for whole set
- Weekly and monthly package sets (different EOL policy, QA session)

Package Sets - 2



- Define “set”
 - A full tree of packages at given RCS-id within a given major branch
 - Requires: single, unique tree-wide revision ID
- Release frequency
 - Weekly package sets
 - Frequent enough not to need branching and pullups
- EOL policy for package sets
 - Keep package sets for 3 months
- EOL policy for FreeBSD releases/branches
 - Keep current policy of following Security Officer support
- FreeBSD Release packages
 - Release Engineering includes latest available package set at the time of release building.

Contact us



Links

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

<http://people.FreeBSD.org/~portmgr/>

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Questions?

