



# Changes In Ports

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# OptionsNG

- More consistent
- New type of options:
  - MULTI: 1 or N
  - GROUP: 0 or N
  - SINGLE: 1 and only 1
  - RADIO: 0 or 1
- Shared options descriptions
- Compatible with old format



# Dialog4ports

- Contributed by Ilya A. Arkhipov
- Based on libdialog (recent version)
- Full support for OptionsNG
- Support for pkg-help
- Living in the ports tree, not in base.



# Support for bmake(1)

- Temporary solution until April 2014 (:L:U/:tl:tu)
- Fixed all != (should always return something in stdout)
- USE\_GMAKE when upstream does not support bmake(1)



# USES

- Small, easy to review code
- Loaded on demand
- **NEVER** Call USES after .pre.mk
- Conversion of old bsd.port.mk occasional code into USES



# List of USES

- shebangfix
- pathfix
- charsetfix
- iconv
- gettext
- ncurses
- readline
- zenoss
- bison
- cmake
- fuse
- desktop-file-utils
- shared-mime-info
- qmail
- pkgconfig
- ada



# Miscs

- IPV6 on by default
- pkgng default on current
- ccache framework integrated
- Use bsdtar when possible
- WITHOUT-NLS end of life
- NOPORTDOCS end of life
- Templates/config.site



# bsd.port.mk

- Replaced by USES :
  - USE\_NCURSES
  - USE\_READLINE
  - USE\_CMAKE
  - USE\_BISON
  - USE\_GETTEXT
- Removed :
  - USE\_CDRTOOLS
  - USE\_FREETYPE
- Added :
  - USE\_TEX
  - USE\_LHA





# Changes to come

What will happen next year in the Ports Tree



# USES

- Addition planned :
  - compress
  - display
  - fam
  - motif
  - npapi
  - opengl
  - openal
  - openssl
- Removal planned :
  - bison



# bsd.port.mk

- To be removed
  - All the X\_\*
  - All the \_GL\_\*
  - NOPORTDOCS
  - NOPORTEXAMPLES
- To be changed :
  - 9.x default on pkgng
  - stage directory
  - subpackages
  - more usage of bsdtar



# Global changes

- Compiler for ports (toolchain?)
- STAGE directory support
- Massive usage of Keywords
- Rework of LIB\_DEPENDS
- More usage of -rpath



# Ports

Questions ?