The pkgsrc-wip Project

Thomas Klausner

pkgsrcCon 2004
Vienna, April 30, 2004
Outline

- What is pkgsrc-wip?
- Why?
- Who?
- How?
- Status
• Problems

• Future
What is pkgsrc-wip?

pkgsrc = NetBSD packages collection

WIP = work in progress

CVS repository and mailing lists

http://pkgsrc-wip.sf.net/
Why?

- For incomplete packages (improve collaboration)
- For inexperienced packagers to learn by doing (teaching and recruitment)
Who?

- pkgsrc developers
- NetBSD users
- pkgsrc users on other platforms

Currently 106 members, 30 NetBSD committers
What?

- development/current versions
- unfinished packages
How to get pkgsrc-wip?

For users:

- cd /usr/pkgsrc

- export CVSRoot=
  :pserver:anonymous@cvs.sf.net:/cvsroot/pkgsrc-wip

- cvs login

- cvs -z3 co -P wip
For developers:

- cd /usr/pkgsrc

- export CVS_RSH=ssh

- export CVSROOT=:ext:user@cvs.sf.net:/cvsroot/pkgsrc-wip

- cvs co -P wip
Contributing packages

- cd /usr/pkgsrc

- export CVS_RSH=ssh

- export CVSROOT=:ext:user@cvs.sf.net:/cvsroot/pkgsrc-wip

- cd /usr/pkgsrc/wip/newpkg.import

- pkglint
• cvs -d import wip/newpkg USERNAME USERNAME_YYYYMMDD

• cd ..

• vi Makefile

• cvs ci Makefile
**Status**

Very good developer growth:

Started 17 March 2003

100th developer 18 March 2004

Many with few packages


Four became developers so far (two are here, cube and recht), fifth on the way
Status (2)

Cooperation working:

Some packages co-developed in pkgsrc-wip and later imported into pkgsrc (e.g., XFree86 packages)
Problems

Sourceforge sometimes instable

Problem with verifymsg (signal 11)

“wip” remains after imports

Duplicated work (both ways)

Cooperative learning not taking off
Future

More people :)

Improving on peer review (ideas welcome)
Questions

?
Thanks for listening!