

# The pkgsrc-wip Project

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## 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 CVSRROOT=:ext:user@cvs.sf.net:/cvsroot/pkgsrc-wip`
- `cvs co -P wip`

## Contributing packages

- `cd /usr/pkgsrc`
- `export CVS_RSH=ssh`
- `export CVSRROOT=:ext:user@cvs.sf.net:/cvsroot/pkgsrc-wip`
- `cd /usr/pkgsrc/wip/newpkg.import`
- `pkglint`

- `cv`s -d import wip/newpkg USERNAME USERNAME\_YYYYMMDD
- `cd ..`
- `vi Makefile`
- `cv`s ci Makefile

## Status

Very good developer growth:

Started 17 March 2003

100th developer 18 March 2004

Many with few packages

Statistics at <http://www.stindustries.org.uk/pkgsrc-wip/>

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 verifysg (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!**