

# FreeBSD portmgr



**What's happening in the world of ports and portmgr  
BSDCan 2008**

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## Random statistics

160 (167) ports committers  
>18.000 (>17.000) ports  
1503 (1434) maintainers  
976 (652) Ports PRs  
175 (92) unassigned  
61 (68) portmgr

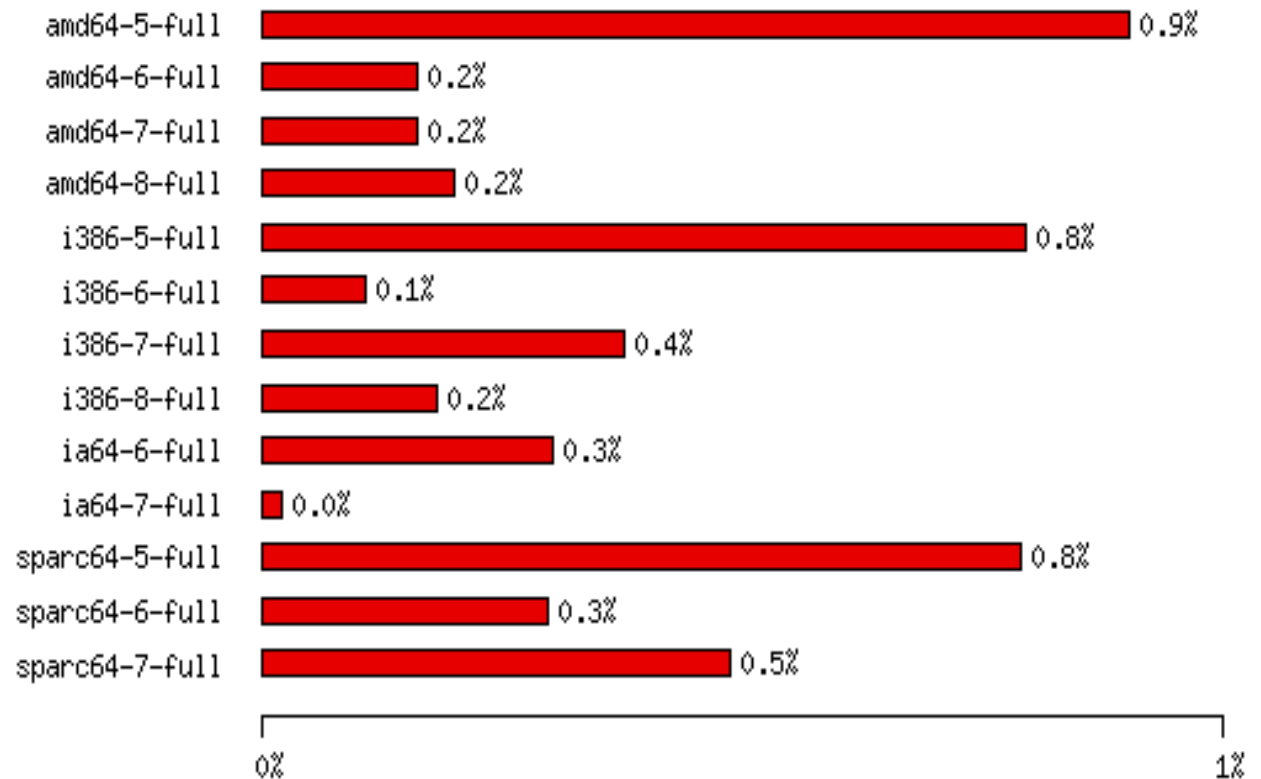
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## Random statistics

- -7 errors down from ~4%
- most errors on -5

Percent of ports with build errors by build environment



Generated on Wed May 7 12:57:04 2008

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## Portsmon

- XXX – Mark -

new emphasis on tracking package status (not just port status).  
See presentation at the conference proper.

- try to track things like IGNORED, NO\_PACKAGE, and dependencies of ports that do not package

- track maintainer-timeouts (in progress)

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## Maintainer cleanup

-- XXX – Mark --

linimon@ has sent hundreds of messages out to maintainers whose ports have been committed to via maintainer-timeout on PRs. Several dozen maintainers have been reset, either due to no response or their request. A few have been reset regardless because they had not been responsive enough.

all maintainer-timeouts currently being tracked in a flat file.

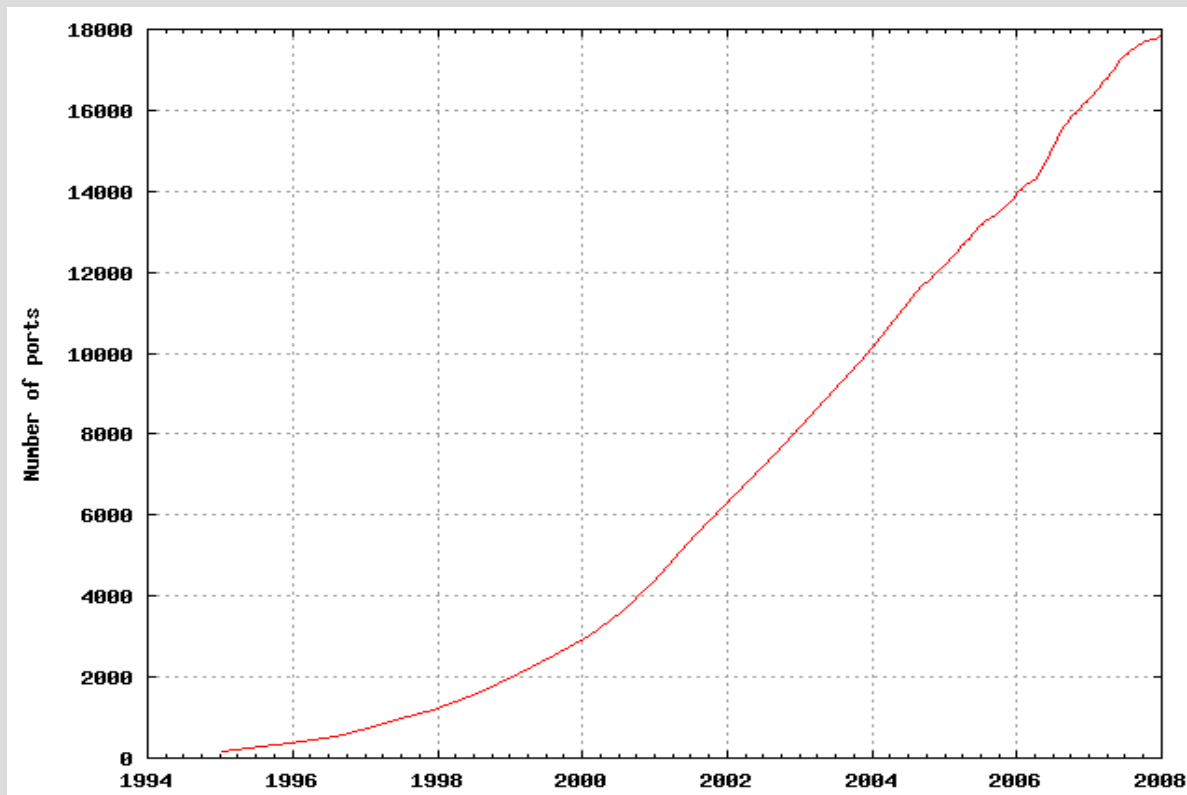
email has been sent to everyone with timeouts from the period of September 2006 through March 2007.

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## Trends

We are doing much better than we ever have at adding new-port PRs as they come in. The downside is that the number of ports continues to accelerate.



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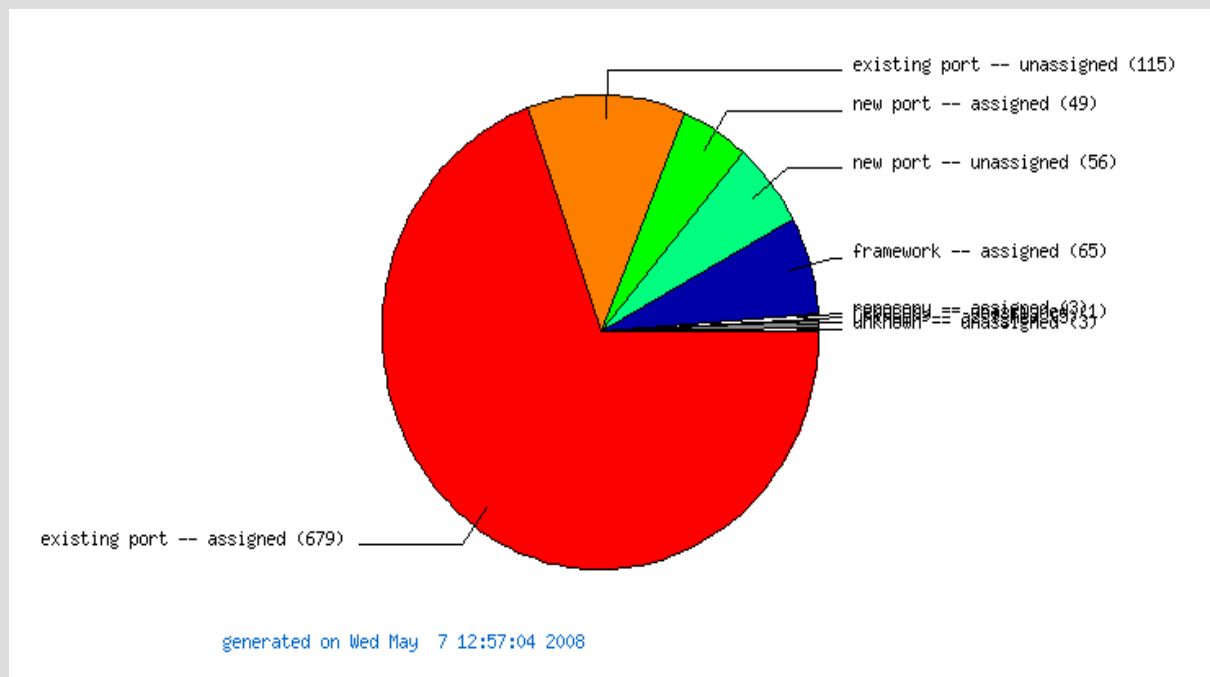


## Trends

We are at a steady-state on port updates.

We are not clearing the backlog of 'existing/assigned' PRs (70%). The maintainer-timeout policy is helping this.

The number of portmgr PRs has decreased due to 12 major regression runs for `bsd.*.mk`.



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## Trends

Many other regression runs have been done:

- xorg 7.3/X11BASE changes
- removal of XFree86
- gcc update
- autotools
- pkg\_\*
- GNOME (external)
- KDE (external)
- DESTDIR
- bsd.perl.mk refactoring
- python 2.5
- QA of 6.2 and 7.0 release package sets

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## Major projects

Upgrade of KDE to 4.0 (testing)

Upgrade of autoconf

Upgrade of gettext

Upgrade of libtool

5.x support removed from bsd.\*.mk

5.x support removal from individual ports

perl 5.10

Removal of expired ports

pkg\_\*

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## **Google SoC ports projects**

Project: Allowing for Parallel builds in the FreeBSD Ports Collection

Student: David Forsythe

Mentor: Mark Linimon

Project: Adding .db support to pkg\_tools --> pkg\_improved

Student: Anders Nore

Mentor: Florent Thoumie

Project: Ports license auditing infrastructure

Student: Alejandro Pulver

Mentor: Brooks Davis

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## pointyhat

- more hardware available for amd64 and i386  
(many thanks to ISC!)
- sparc64 in much better shape
- ia64 no longer being tested
- 5.x EOL
- mirror synchronizing

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## Discussion topics

Do we need a fully feature package tool in the base, e.g. portmaster, or can we leave it in ports?

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## Links

<http://www.FreeBSD.org/ports/>

<http://www.FreeBSD.org/portmgr/>

<http://portsmon.FreeBSD.org/>

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

[erwin@FreeBSD.org](mailto:erwin@FreeBSD.org)