

pfSense - Bug #3675

pfPorts failed builds on RELENG_2_2

05/22/2014 12:03 AM - Anonymous

Status:	Closed	Start date:	05/21/2014
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Unknown	Estimated time:	0.00 hour
Target version:	2.2	Affected Architecture:	All
Affected Version:	2.2		

Description

I'm trying to build pfPorts as the first step of the whole build as I was instructed to do. I'm doing it like this in the tools/builder_scripts directory:

```
sh build.sh --build-pfPorts
```

The ports that fail to build are sysutils/squashfs-tools (part of sysutils/pcbsd-utils build) and www/pecl-APC.

In the case of sysutils/squashfs-tools the error message is very puzzling one:

```
====> Building for squashfs-tools-4.2
gmake[2]: Entering directory `/usr/ports/sysutils/squashfs-tools/work/squashfs4.2/squashfs-tools'
cc -O2 -pipe -fno-strict-aliasing -std=gnu89 -I. -I/usr/local/include -D_FILE_OFFSET_BITS=64 -D_LARGEFILE_SOURCE -DFNM_EXTMATCH=0 -D_GNU_SOURCE -DCOMP_DEFAULT="\`gzip\`" -Wall -DGZIP_SUPPORT -DXZ_SUPPORT -DLZO_SUPPORT i386 -c -o mksquashfs.o mksquashfs.c
cc -O2 -pipe -fno-strict-aliasing -std=gnu89 -I. -I/usr/local/include -D_FILE_OFFSET_BITS=64 -D_LARGEFILE_SOURCE -DFNM_EXTMATCH=0 -D_GNU_SOURCE -DCOMP_DEFAULT="\`gzip\`" -Wall -DGZIP_SUPPORT -DXZ_SUPPORT -DLZO_SUPPORT i386 -c -o read_fs.o read_fs.c
cccc -O2 -pipe -fno-strict-aliasing -std=gnu89 -I. -I/usr/local/include -D_FILE_OFFSET_BITS=64 -D_LARGEFILE_SOURCE -DFNM_EXTMATCH=0 -D_GNU_SOURCE -DCOMP_DEFAULT="\`gzip\`" -Wall -DGZIP_SUPPORT -DXZ_SUPPORT -DLZO_SUPPORT i386 -c -o sort.o sort.c
: error: no such file or directory: 'i386'
cc -O2 -pipe -fno-strict-aliasing -std=gnu89 -I. -I/usr/local/include -D_FILE_OFFSET_BITS=64 -D_LARGEFILE_SOURCE -DFNM_EXTMATCH=0 -D_GNU_SOURCE -DCOMP_DEFAULT="\`gzip\`" -Wall -DGZIP_SUPPORT -DXZ_SUPPORT -DLZO_SUPPORT i386 -c -o swap.o swap.c
cc: error: no such file or directory: 'i386'
gmake[2]: *** [mksquashfs.o] Error 1
gmake[2]: *** Waiting for unfinished jobs....
cc: error: no such file or directory: 'i386'
gmake[2]: *** [read_fs.o] Error 1
cc: error: no such file or directory: 'i386'
gmake[2]: *** [sort.o] Error 1
gmake[2]: *** [swap.o] Error 1
gmake[2]: Leaving directory `/usr/ports/sysutils/squashfs-tools/work/squashfs4.2/squashfs-tools'
====> Compilation failed unexpectedly.
Try to set MAKE_JOBS_UNSAFE=yes and rebuild before reporting the failure to the maintainer.
*** Error code 1

Stop.
make[1]: stopped in /usr/ports/sysutils/squashfs-tools
*** Error code 1

Stop.
make: stopped in /usr/ports/sysutils/pcbsd-utils
```

I can build sysutils/squashfs-tools just fine outside the pfSense build tools but here something causes the command lines to include a spurious 'i386' that the compiler thinks as a file name to read for source code and fails.

The www/pecl-APC port fails like this:

```
-----  
--- all ---  
Build complete.  
Don't forget to run 'make test'.  
==> Deinstalling for www/pecl-APC  
==> pecl-APC not installed, skipping  
==> Staging for pecl-APC-3.1.14_1  
==> pecl-APC-3.1.14_1 depends on file: /usr/local/include/php/main/php.h - found  
==> Generating temporary packing list  
install: /usr/ports/www/pecl-APC/work/APC-3.1.13/modules/PORTNAME.so: No such file or directory  
*** Error code 71  
  
Stop.  
make: stopped in /usr/ports/www/pecl-APC
```

To me that looks like the PORTNAME macro doesn't get expanded when needed. This error I can reproduce on the real build host using my poudriere-based package builder so this one seems like a real bug with the port and not with the pfSense build system.

My build environment is:

```
FreeBSD freebsd10.rdnzl.info 10.0-STABLE FreeBSD 10.0-STABLE #3 r266423: Mon May 19 13:52:59 EEST  
2014 kimmo@freebsd10.rdnzl.info:/usr/obj/usr/src/sys/VT i386
```

I have the tools repo set up in a jail to separate the build from the real host. I have a jail-local /usr/ports fetched with portsnap(8) without any modifications and nullfs mounted /usr/src from the real host.

This is my pfsense-build.conf (/home/pfsense is relative to the jail root):

```
# set_version.sh generated defaults  
export PFSENSE_VERSION=2.2-DEVELOPMENT  
export FREEBSD_VERSION=10  
export FREEBSD_BRANCH=stable/10  
export FREEBSD_REPO_BASE=https://github.com/freebsd/freebsd.git  
export PFSENSE_TAG=RELENG_2_2  
export CUSTOM_COPY_LIST=/home/pfsense/tools/builder_scripts/conf/copylist/copy.list.RELENG_2_2  
export BASE_DIR=/home/pfsense  
export BUILDER_TOOLS=/home/pfsense/tools  
export BUILDER_SCRIPTS=/home/pfsense/tools/builder_scripts  
export PFSPATCHFILE=/home/pfsense/tools/builder_scripts/conf/patchlist/stable/10/patches  
export PFSPATCHDIR=/home/pfsense/tools/patches/stable/10  
export EXTRA_DEVICES=  
export GIT_FREEBSD_COSHA1=e852cd69383058c931f6f569329eed128eb9d109  
#export BUILD_ERROR_MAIL=  
#export BUILD_COMPLETED_MAIL=  
export PFSportsFILE=buildports.RELENG_2_2  
#export NO_CLEANFREEBSDOBJDIR=YES  
#export NO_CLEANREPOS=YES  
GIT_REPO_BSDINSTALLER=git@git.pfsense.org:bsdinstaller.git  
GIT_REPO_PFSENSE=git@github.com:pfsense/pfsense.git
```

History

#1 - 05/22/2014 01:59 AM - Ermal Luçi

- Status changed from New to Closed

Thank you for the report though there is nothing that can be done on pfSense side of things until this is fixed on ports tree of FreeBSD.

I think garga@ will help that get fixed.

You are sure you have updated ports tree to latest and greatest?

#2 - 05/22/2014 03:40 AM - Anonymous

Ermal Luçi wrote:

Thank you for the report though there is nothing that can be done on pfSense side of things until this is fixed on ports tree of FreeBSD.

I think garga@ will help that get fixed.

You are sure you have updated ports tree to latest and greatest?

I do indeed have an up to date ports tree. What about the sysutils/squashfs-tools problem? I can build it just fine outside the pfSense build system but it fails when built as a pfPort using the build script. That suggests that there is a problem in the pfSense build system somewhere. How do you manage to build the snapshots for RELENG_2_2 at the moment? Do you have a locked down ports tree that you know to be all right for building pfPorts?