

Can't link kernel after recent libalias commits?

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2006-12/msg00638.html>

- *From:* David Wolfskill <david@xxxxxxxxxxxxxxxx>
 - *Date:* Sat, 30 Dec 2006 11:52:19 -0800
-

Running:

```
g1-18(7.0-C)[1] uname -a
FreeBSD g1-18.catwhisker.org. 7.0-CURRENT FreeBSD 7.0-CURRENT #279: Fri Dec 29 09:33:05 PST
2006 root@xxxxxxxxxxxxxxxxxxxxxx:/common/S4/obj/usr/src/sys/LAPTOP_30W i386
g1-18(7.0-C)[2]
```

Recent updates to source tree were:

```
g1-18(7.0-C)[2] tail /var/log/cvsup-history.log
CVSup begin from cvsup4.freebsd.org at Thu Dec 28 03:47:03 PST 2006
CVSup ended from cvsup4.freebsd.org at Thu Dec 28 03:51:51 PST 2006
CVSup begin from cvsup4.freebsd.org at Fri Dec 29 01:17:03 PST 2006
CVSup ended from cvsup4.freebsd.org at Fri Dec 29 01:22:30 PST 2006
CVSup begin from cvsup4.freebsd.org at Fri Dec 29 03:47:03 PST 2006
CVSup ended from cvsup4.freebsd.org at Fri Dec 29 03:52:10 PST 2006
CVSup begin from cvsup4.freebsd.org at Sat Dec 30 01:17:03 PST 2006
CVSup ended from cvsup4.freebsd.org at Sat Dec 30 01:22:58 PST 2006
CVSup begin from cvsup4.freebsd.org at Sat Dec 30 03:47:03 PST 2006
CVSup ended from cvsup4.freebsd.org at Sat Dec 30 03:52:40 PST 2006
g1-18(7.0-C)[3]
```

I had done the "make buildworld" today without incident; trying to link the kernel (after building it, of course), I see:

```
Kernel build for LAPTOP_30W started on Sat Dec 30
11:07:13 PST 2006
```

...

```
stage 3.2: building everything
```

...

```
linking kernel.debug
ip_fw2.o(.text+0x2a54): In function `ifaddr_change':
/usr/src/sys/netinet/ip_fw2.c:2059: undefined reference to `LibAliasSetAddress'
ip_fw2.o(.text+0x2ba9): In function `del_redir_spool_cfg':
/usr/src/sys/netinet/ip_fw2.c:2125: undefined reference to `LibAliasRedirectDelete'
ip_fw2.o(.text+0x2d3c): In function `add_redir_spool_cfg':
/usr/src/sys/netinet/ip_fw2.c:2160: undefined reference to `LibAliasRedirectAddr'
```

Can't link kernel after recent libalias commits?

```
ip_fw2.o(.text+0x2dbf): In function `add_redir_spool_cfg':
./machine/endian.h:151: undefined reference to `LibAliasRedirectPort'
ip_fw2.o(.text+0x2dff): In function `add_redir_spool_cfg':
/usr/src/sys/netinet/ip_fw2.c:2180: undefined reference to `LibAliasRedirectProto'
ip_fw2.o(.text+0x2e92): In function `add_redir_spool_cfg':
./machine/endian.h:151: undefined reference to `LibAliasAddServer'
ip_fw2.o(.text+0x511e): In function `ipfw_chk':
/usr/src/sys/netinet/ip_fw2.c:3460: undefined reference to `m_megapullup'
ip_fw2.o(.text+0x5181):/usr/src/sys/netinet/ip_fw2.c:3524: undefined reference to `LibAliasIn'
ip_fw2.o(.text+0x5196):/usr/src/sys/netinet/ip_fw2.c:3527: undefined reference to `LibAliasOut'
ip_fw2.o(.text+0x656b): In function `ipfw_ctl':
/usr/src/sys/netinet/ip_fw2.c:4583: undefined reference to `LibAliasInit'
ip_fw2.o(.text+0x6679):/usr/src/sys/netinet/ip_fw2.c:4610: undefined reference to `LibAliasSetMode'
ip_fw2.o(.text+0x6684):/usr/src/sys/netinet/ip_fw2.c:4611: undefined reference to `LibAliasSetAddress'
ip_fw2.o(.text+0x6872):/usr/src/sys/netinet/ip_fw2.c:4645: undefined reference to `LibAliasUninit'
ip_fw2.o(.text+0x6fca): In function `ipfw_destroy':
/usr/src/sys/netinet/ip_fw2.c:4930: undefined reference to `LibAliasUninit'
*** Error code 1
```

Stop in /common/S4/obj/usr/src/sys/LAPTOP_30W.

*** Error code 1

Stop in /usr/src.

*** Error code 1

Stop in /usr/src.

g1-18(7.0-C)[2]

The affected files all seem to have been last modified a little over 21 hours ago, so I'd expect that if I got any of those changes, I should have all of them (from the commit in question).

Peace,

david

—

David H. Wolfskill david@xxxxxxxxxxxxxxxx

Believe SORBS at your own risk: 63.193.123.122 has been static since Aug 1999.

See <http://www.catwhisker.org/~david/publickey.gpg> for my public key.

Attachment: [pgp01K823LbTZ.pgp](#)

Description: PGP signature