

Re: Rough go moving from 5.4-RELEASE to 6.X

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2007-05/msg00451.html>

- *From:* Nikos Vassiliadis <nvass@xxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 8 May 2007 17:51:23 +0300
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On Tuesday 08 May 2007 16:43, Lane wrote:

On Monday 07 May 2007 20:58, RW wrote:

On Mon, 7 May 2007 20:07:09 -0500

Lane <lane@xxxxxxxxxxxxxxxxx> wrote:

I'm trying to upgrade from 5.4 to ANYTHING and I'm confounded by

I've tried with (in /etc/cvsupfile) "tag=" each of RELENG_5, RELENG_5_5, RELENG_6, and several others. It even fails when I try to just get the source to RELENG_5_4.

Did you check UPDATING to see that you actually had the source for RELENG_5_4?

Yes. I can cvsup or "make update" to any valid release. I can verify this by, as I mentioned, wiping out /usr/src and then running cvsup.

Have you tried using an empty make.conf file?

Yes. Build still fails.

I can

```
make buildkernel
make installkernel
```

and reboot into 5.4, 5.5, 6.0, 6.1 or 6.2

The errors occur only when I use

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make buildworld

You do "rm -r /usr/obj", everytime right?

There is this note in /usr/src/UPDATING, which I am currently tracking as the root of my problems. However it is a bit of a stretch since I built this system AFTER 7/2004 ... still ... it may be the root ... But then that doesn't explain why the kernel installs ... UGH! I'm weary ...

20040728:

System compiler has been upgraded to GCC 3.4.2-pre. As with any major compiler upgrade, there are several issues to be aware of. GCC 3.4.x has broken C++ ABI compatibility with previous releases yet again and users will have to rebuild all their C++ programs with the new compiler. A new unit-at-a-time optimization mode, which is default in this compiler release, is more aggressive in removing unused static symbols. This is the likely cause of 'make buildworld' breakages with non-default CFLAGS where optimization level is set to -O2 or higher.

With the upgrade of the system compiler, the kernel has been upgraded to match the new system compiler. This makes it impossible to build a new kernel with the old compiler. Upgrade your system via make buildworld and make kernel (see below) to fix this problem.

Did you try building 5.4-RELEASE? Just to rule out the possibility of a broken update mechanism?

Just a few wild guesses...

Nikos

freebsd-questions@xxxxxxxxxxx mailing list

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