

Re: make O=dir fails with current git

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg12107.html>

- *From:* Stefan Hellermann <stefan@xxxxxxxxxxxxxxxx>
 - *Date:* Mon, 31 Mar 2008 20:26:49 +0200
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Sam Ravnborg schrieb:

On Sat, Mar 29, 2008 at 07:19:21PM +0100, Stefan Hellermann wrote:

Hi,

I'm using "make O=machinename" for building different kernels from one tree. About 15 days

ago it was okay, with current git it fails:

```
$ make O=client1
```

```
scripts/kconfig/conf -s arch/x86/Kconfig
```

```
Using /srv/devel/kernel as source for kernel
```

```
/srv/devel/kernel is not clean, please run 'make mrproper'
```

```
in the '/srv/devel/kernel' directory.
```

```
make[1]: *** [prepare3] Error 1
```

```
make: *** [sub-make] Error 2
```

running "make mrproper" (without O=dir) doesn't help.

I've not changed anything, I only made a "git-pull".

Now I'm at home, tried "mkdir test; make O=test defconfig all" with current git-head, it

doesn't work too.

I tried to reproduce this here without luck.

The tests performed by kbuild to determine if the source directory is clean are very basic.

If the file .config exist or the directory

include/config exists then the source tree is considered clean.

Otherwise you get the above message.

Hi, damn, it's that easy!

It was the .config file, I added (as root) a symlink to dir/.config to let some other application check if some Kernel-options are set, then the permissions of this symlink prevented make mrproper from removing it.

For what purpose is this check? I can't point the other application to kerneldir/dir because it also greps in kerneldir/Makefile for the kernel-version.

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Thanks
Stefan

Can you please try to run: make mrproper
and then manually check if the .config file
or the include/config directory exists.

If they exists after make mrproper then
check your permissions.

In any case let me know the result.

Sam

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