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Subject: \*SOLVED\* Fuse

Posted by [youp](#) on Thu, 14 Sep 2006 09:30:34 GMT

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i can't make fuse ?

```
make
Making all in kernel
make[1]: Entering directory `/usr/src/fuse-2.5.3/kernel'
make -C /lib/modules/2.6.8-022stab078.14/build SUBDIRS=/usr/src/fuse-2.5.3/kernel modules
make[2]: Entering directory `/lib/modules/2.6.8-022stab078.14/build'
  CC [M] /usr/src/fuse-2.5.3/kernel/dev.o
  CC [M] /usr/src/fuse-2.5.3/kernel/dir.o
/usr/src/fuse-2.5.3/kernel/dir.c: In function `fuse_permission':
/usr/src/fuse-2.5.3/kernel/dir.c:767: error: too few arguments to function `vfs_permission'
/usr/src/fuse-2.5.3/kernel/dir.c:779: error: too few arguments to function `vfs_permission'
/usr/src/fuse-2.5.3/kernel/dir.c: At top level:
/usr/src/fuse-2.5.3/kernel/dir.c:1318: warning: initialization from incompatible pointer type
/usr/src/fuse-2.5.3/kernel/dir.c:1346: warning: initialization from incompatible pointer type
make[3]: *** [/usr/src/fuse-2.5.3/kernel/dir.o] Error 1
make[2]: *** [_module_/usr/src/fuse-2.5.3/kernel] Error 2
make[2]: Leaving directory `/lib/modules/2.6.8-022stab078.14/build'
make[1]: *** [all-spec] Error 2
make[1]: Leaving directory `/usr/src/fuse-2.5.3/kernel'
make: *** [all-recursive] Error 1
```

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Subject: Re: Fuse

Posted by [Vasily Tarasov](#) on Thu, 14 Sep 2006 09:39:16 GMT

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Number of arguments for function `vfs_permission` is different for original Linux kernel and for OpenVZ kernel. You should fix FUSE sources appropriately.

HTH,  
vass.

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Subject: Re: Fuse

Posted by [youp](#) on Thu, 14 Sep 2006 09:44:14 GMT

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the function :

```
int err = vfs_permission(inode, mask);
```

for vz kernel , where i can find the structure of vfs\_permission ?

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Subject: Re: Fuse

Posted by [Vasily Tarasov](#) on Thu, 14 Sep 2006 09:54:38 GMT

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In sources of OpenVZ kernel we can see:

```
int vfs_permission(struct inode * inode, int mask, struct exec_perm * exec_perm)
```

Last argument, probably, should be NULL in your case.

HTH,  
vass.

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Subject: Re: Fuse

Posted by [youp](#) on Thu, 14 Sep 2006 09:58:10 GMT

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yes i remplace the exec\_perm by NULL , and the make work now

thank

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Subject: what about using /dev/fuse in VE?

Posted by [mike](#) on Thu, 28 Sep 2006 18:15:36 GMT

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Hm, we had module build issue already solved by openvz developers and ALT Linux kernel maintainers (2.6.16-ovz-smp-alt4/x86\_64); but fuse is not present in VE's /proc/filesystems being not FS\_VIRTUALIZED.

Hence a suggestion: what if there was some hackery tool to bypass this check for a given VE and filesystem combination to facilitate with quick'n'dirty testing of more and less problematic FSES? For example with fuse, there are no kernel threads but userspace helper processes indeed. We'll have to hand-build kernel and reboot terminal server just to check whether a silly idea fails right from the start...

(the final goal on this particular route is getting ltspfs, which is the current LTSP's fuse-based rdesktop-borrowed way to work with remote devices, to work under OVZ)

PS: just in case, the module's loaded and working perfectly on HN and we've both created /dev/fuse (c 10 229), set perms and run vzctl set 102 --devnodes fuse:rw --save

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