
Subject: Re: PPC64 Kernel 2.6.18 + RPM packages
Posted by [Christian Kaiser2](#) on Wed, 23 May 2007 14:37:03 GMT
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devel-bounces@openvz.org wrote on 05/23/2007 02:41:03 PM:

```
> > In file included from drivers/media/video/pwc/pwc-uncompress.c:29:
> > include/asm/current.h: In function 'get_current':
> > include/asm/current.h:23: warning: implicit declaration of function
> > 'offsetof'
> > include/asm/current.h:23: error: expected expression before 'struct'
> > make[4]: *** [drivers/media/video/pwc/pwc-uncompress.o] Error 1
> > make[3]: *** [drivers/media/video/pwc] Error 2
> > make[2]: *** [drivers/media/video] Error 2
> > make[1]: *** [drivers/media] Error 2
> > make: *** [drivers] Error 2
>
> imho, it is a mainstream bug (maybe triggered by our changes).
> 2 fixes possible:
>
> 1. Simply add:
>
> #include <linux/stddef.h>
>
> in include/asm-powerpc/current.h (after #include <asm/paca.h>)
>
> 2. or add the same line at the very beginning at file which failed to
> compile,
> i.e. to drivers/media/video/pwc/pwc-uncompress.c
>
```

I tried the 1. solution. Works fine for me now!

```
> > It seems to be that there is a mixture of 32 and 64 bit binaries and
> libs.
>
> looks like all binaries from vzquota package are 64bit, while
> binaries from vzctl package are 32bit... Can you try to recompile
> vzctl yourself please?
> and please tell me where you took the binaries from so I could
> recheck/fix it if needed :)
>
```

I'll try to recompile the packages with the hints you gave me. I'll do this tomorrow.

I've taken the ppc64 rpm binary packages from

<http://openvz.org/download/utils/>

So there is also a mixture of 32 and 64 bit packages in there.
I think vzctl and vzctl-lib is 32 bit, while vzquota is 64 bit.

```
> > So moving the lib from /usr/lib64 to /usr/lib solved my problem but
showed
> > another error when starting /etc/init.d/vz start
> >
> > [root@s10b10-0 vzctl-3.0.16]# /etc/init.d/vz start
> > Starting OpenVZ:                                [ OK ]
> > Bringing up interface venet0:                    [ OK ]
> > Configuring interface venet0:                    [ OK ]
> > vzctl set 0 --cpuunits 1000 failed: Setting CPU units: 1000
> > fairsched_chwt: No such file or directory
> > WARNING: Settings were not saved and will be reset to
or[FAILED] values on
> > next start (use --save flag)
> >
> > What is "fairsched_chwt"? And why is it missing in my configuration??
An VE
> > creation works fine:
>
> this is due to not set CONFIG_FAIRSCHEDE option in your kernel .config
file.
>
```

I was wrong when I mentioned that it is not set. I've had a look at the kernel .config file. There it is set. But in menuconfig I can't find it. See also my response to Alexey please.

Mit freundlichen Grüßen / Best Regards
Christian Kaiser

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