
Subject: reboot

Posted by [Soldatov Dmitry](#) on Thu, 19 Oct 2006 08:49:29 GMT

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i'm trying to use ovzkernel-2.6.8-022stab078.21.src.rpm and ovzkernel-smp-2.6.8-022stab078.21.x86_64.rpm, but they going to some Frame Buffer video mode and simply reboots just after the GRUB invocation... I tried to invoke with "vga=ask", but it don't helps. all Mandriva & Redora works good. can anybody say, what's going on?

sorry for my english

--

E-mail: dvorkin@tvcom.ru

Subject: Re: (was reboot) Framebuffer Device Support in ovzkernel's

Posted by [curx](#) on Thu, 19 Oct 2006 10:05:52 GMT

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Hi,

Soldatov Dmitry schrieb:

> i'm trying to use ovzkernel-2.6.8-022stab078.21.src.rpm and
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> invocation... I tried to invoke with "vga=ask", but it don't helps.
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> can anybody say, what's going on?
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> sorry for my english

The ovz-kernel haven't enabled the Framebuffer DEVICE in their kernel-config ...

Show Framebuffer (CONFIG_FB) in the kernel-config of Mandriva and Fedora :

```
# grep CONFIG_FB <kernel_config_of_mandriva_or_fedora>
```

and enable it , like "make menuconfig" , in your ovzkernel-config and reBuild your kernel!

Regards,

Thorsten

Subject: Re: (was reboot) Framebuffer Device Support in ovzkernel's
Posted by [Soldatov Dmitry](#) on Thu, 19 Oct 2006 10:15:42 GMT

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but it going to VGA mode right after the GRUB. why?
and then i see blank screen for 5 seconds, the reboot.
ovzkernel installed from RPM. may be i need some option in GRUB?

Thorsten Schifferdecker wrote:

```
> Hi,  
>  
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>  
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> and enable it , like "make menuconfig" , in your ovzkernel-config and  
> reBuild your kernel!  
>  
> Regards,  
> Thorsten  
--
```

E-mail: dvorkin@tvcom.ru

Subject: Re: (was reboot) Framebuffer Device Support in ovzkernel's -add-on
Posted by [Soldatov Dmitry](#) on Thu, 19 Oct 2006 10:20:13 GMT
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adp94xx included in latest development version is not working. i have AIC9410 SAS/SATA working (with my own changes) in my own build of the Mandriva 2.6.16 kernel, but fEdora's patch for adp94xx can't find my root filesystem and mount any devices.

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> Regards,
> Thorsten
--

E-mail: dvorkin@tvcom.ru

Subject: ovzkernel-023stab030
Posted by [Soldatov Dmitry](#) on Thu, 19 Oct 2006 10:37:27 GMT

ovzkernel-023stab030.1-smp.img is better - it trying to start, but can't find my AIC9410 (RadHat adp94xx driver).

i'm trying to rebuild it (from src.rpm) with my own driver, but there too many warnings and error in compilation, that i can't fix by myself... :(did you checked it before uploading to openvz.org? my arch is x86_64, i have SMP with dual-core Xeons

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>>> sorry for my english

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>>

>>

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>> kernel-config ...

>>

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>> Fedora :

>>

>> # grep CONFIG_FB <kernel_config_of_mandriva_or_fedora>

>>

>> and enable it , like "make menuconfig" , in your ovzkernel-config and

>> reBuild your kernel!

>>

>> Regards,

>> Thorsten

--

Subject: Re: ovzkernel-023stab030

Posted by [Mishin Dmitry](#) on Thu, 19 Oct 2006 10:46:34 GMT

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> find my AIC9410 (RadHat adp94xx driver).
> i'm trying to rebuild it (from src.rpm) with my own driver, but there
> too many warnings and error in compilation, that i can't fix by
> myself... :(did you checked it before uploading to openvz.org?
As you can see, we also provide .x86_64 rpms. So, somehow we've built them.
If you couldn't do something, this is not a reason to think, that nobody
could. If you think, that there is something really wrong, please, fill the
bug at bugzilla.openvz.org with all necessary info how to reproduce it.
And, please, stop flooding with small and senseless letters.

> my arch is x86_64, i have SMP with dual-core Xeons

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> >>

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> >> # grep CONFIG_FB <kernel_config_of_mandriva_or_fedora>

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> >> and enable it , like "make menuconfig" , in your ovzkernel-config and
> >> reBuild your kernel!
> >>
> >> Regards,
> >> Thorsten
--
Thanks,
Dmitry.

Subject: Re: ovzkernel-023stab030
Posted by [Soldatov Dmitry](#) on Thu, 19 Oct 2006 10:48:07 GMT
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with my own adp94xx or not - it can't be built at all

Soldatov Dmitry wrote:

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>>>
>>> Regards,
>>> Thorsten
--

E-mail: dvorkin@tvcom.ru

Subject: Re: ovzkernel-023stab030
Posted by [curx](#) on Thu, 19 Oct 2006 10:53:26 GMT
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Hi,

Soldatov Dmitry wrote:

> with my own adp94xx or not - it can't be built at all

have you read it:

<http://openvz.org/news/updates/rhel4-kernel-2.6.9-023stab030.1>
the patch is included in the current kernel release of ovzkernel!

... and you can use the precompiled rpm for your hardware:

http://download.openvz.org/kernel/stable/023stab030.1/ovzkernel-smp-2.6.9-023stab030.1.x86_64.rpm

So thats all, when the Module has a problem: please inform the developers and fill a bug at bugzilla.openvz.org.

Regards,
Thorsten

Subject: ok

Posted by [Soldatov Dmitry](#) on Thu, 19 Oct 2006 11:04:22 GMT

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but i need to have a quick solution. if i'd have more time - i would bay a support, but i have not time at all now.

i'm sorry for flooding. may be i'm wrong... sorry.

let's see what i'm doing...

```
root@hosting stab2]# ls -l
kernel-2.6.9-023stab030-i686.config.ovz
kernel-2.6.9-023stab030-i686-enterprise.config.ovz
kernel-2.6.9-023stab030-i686-entnosplit.config.ovz
kernel-2.6.9-023stab030-i686-smp.config.ovz
kernel-2.6.9-023stab030-ia64.config.ovz
kernel-2.6.9-023stab030-x86_64.config.ovz
kernel-2.6.9-023stab030-x86_64-smp.config.ovz
kernel-ovz.spec
ovzkernel-2.6.9-023stab030.1.i686.rpm
ovzkernel-2.6.9-023stab030.1.src.rpm
ovzkernel-2.6.9-023stab030.1.x86_64.rpm
ovzkernel-enterprise-2.6.9-023stab030.1.i686.rpm
ovzkernel-smp-2.6.9-023stab030.1.i686.rpm
ovzkernel-smp-2.6.9-023stab030.1.x86_64.rpm
patch-023stab030-combined.gz
```

```
[root@hosting stab2]# /usr/share/mc/extfs/rpm run
/root/work/OpenVZ/kernel/stab2/ovzkernel-2.6.9-023stab030.1.src.rpm INSTALL
Installing
''' /root/work/OpenVZ/kernel/stab2/ovzkernel-2.6.9-023stab030.1.src.rpm' '''
 1:ovzkernel      #####
[100%]
```

cd to /usr/src/RPM/SPECS, then

```
[root@hosting SPECS]# rpmbuild -ba ./kernel-ovz.spec
(...a lot of messages about patching, making...)
+ echo BUILDING A KERNEL FOR x86_64...
BUILDING A KERNEL FOR x86_64...
+ make -s mrproper
+ cp configs/kernel-2.6.9-023stab030-x86_64.config.ovz .config
...
+ make ARCH=x86_64 -s nonint_oldconfig
+ make ARCH=x86_64 -s nonint_oldconfig
+ make -s include/linux/version.h
CHK include/linux/version.h
UPD include/linux/version.h
+ make ARCH=x86_64 -s -j4 bzImage
CHK include/linux/version.h
SYMLINK include/asm -> include/asm-x86_64
SPLIT include/linux/autoconf.h -> include/config/*
```


CHK include/asm-x86_64/offset.h
UPD include/asm-x86_64/offset.h
arch/x86_64/kernel/process.c:57: warning: conflicting types for built-in
function 'execve'
In file included from include/linux/security.h:34,
from init/main.c:36:
include/linux/skbuff.h: In function 'skb_add_data':
include/linux/skbuff.h:1023: warning: pointer targets in passing
argument 2 of 'csum_partial_copy_from_user' differ in signedness
In file included from include/linux/unistd.h:9,
from init/main.c:45:
include/asm/unistd.h: At top level:
include/asm/unistd.h:766: warning: conflicting types for built-in
function 'execve'
init/main.c: In function 'maxcpus':
init/main.c:163: warning: pointer targets in passing argument 2 of
'get_option'differ in signedness
CHK include/linux/compile.h
UPD include/linux/compile.h
In file included from include/linux/security.h:34,
from init/do_mounts.c:8:
include/linux/skbuff.h: In function 'skb_add_data':
include/linux/skbuff.h:1023: warning: pointer targets in passing
argument 2 of 'csum_partial_copy_from_user' differ in signedness
arch/x86_64/kernel/signal.c: In function 'sys_rt_sigreturn':
arch/x86_64/kernel/signal.c:174: warning: pointer targets in passing
argument 3 of 'restore_sigcontext' differ in signedness
In file included from include/linux/if_ether.h:107,
from include/linux/netdevice.h:29,
from include/net/sock.h:48,
from arch/x86_64/ia32/sys_ia32.c:73:
include/linux/skbuff.h: In function 'skb_add_data':
include/linux/skbuff.h:1023: warning: pointer targets in passing
argument 2 of 'csum_partial_copy_from_user' differ in signedness
init/do_mounts_rd.c: In function 'identify_ramdisk_image':
init/do_mounts_rd.c:73: warning: pointer targets in passing argument 2
of 'sys_read' differ in signedness
init/do_mounts_rd.c:108: warning: pointer targets in passing argument 2
of 'sys_read' differ in signedness
init/do_mounts_rd.c: In function 'fill_inbuf':
init/do_mounts_rd.c:351: warning: pointer targets in passing argument 2
of 'sys_read' differ in signedness
init/do_mounts_rd.c: In function 'flush_window':
init/do_mounts_rd.c:372: warning: pointer targets in passing argument 2
of 'sys_write' differ in signedness
In file included from include/linux/unistd.h:9,
from init/do_mounts_initrd.c:2:
include/asm/unistd.h:766: warning: conflicting types for built-in

```
function 'execve'
arch/x86_64/kernel/traps.c: In function 'printk_address':
arch/x86_64/kernel/traps.c:107: warning: 'return' with a value, in
function returning void
In file included from include/linux/if_ether.h:107,
    from include/linux/netdevice.h:29,
    from include/linux/if_bridge.h:105,
    from fs/compat_ioctl.c:24,
    from arch/x86_64/ia32/ia32_ioctl.c:14:
include/linux/skbuff.h: In function 'skb_add_data':
include/linux/skbuff.h:1023: warning: pointer targets in passing
argument 2 of 'csum_partial_copy_from_user' differ in signedness
In file included from fs/compat_ioctl.c:71,
    from arch/x86_64/ia32/ia32_ioctl.c:14:
include/linux/i2c.h: At top level:
include/linux/i2c.h:58: error: array type has incomplete element type
include/linux/i2c.h:205: error: array type has incomplete element type
In file included from include/linux/security.h:34,
    from arch/x86_64/kernel/ptrace.c:18:
include/linux/skbuff.h: In function 'skb_add_data':
include/linux/skbuff.h:1023: warning: pointer targets in passing
argument 2 of 'csum_partial_copy_from_user' differ in signedness
make[1]: *** [arch/x86_64/ia32/ia32_ioctl.o] Error 1
make: *** [arch/x86_64/ia32] Error 2
make: *** Waiting for unfinished jobs....
```

```
[root@hosting SPECS]# gcc --version
gcc (GCC) 4.0.1 (4.0.1-5mdk for Mandriva Linux release 2006.0)
```

is is Mandriva PowerPack 2006

Dmitry Mishin wrote:

```
>>ovzkernel-023stab030.1-smp.img is better - it trying to start, but can't
>>find my AIC9410 (RadHat adp94xx driver).
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>>>>># grep CONFIG_FB <kernel_config_of_mandriva_or_fedora>
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>>>>>and enable it , like "make menuconfig" , in your ovzkernel-config and
>>>>>reBuild your kernel!
>>>>>
>>>>>Regards,
>>>>>Thorsten
--

E-mail: dvorkin@tvcom.ru

Subject: Re: ok
Posted by [dev](#) on Thu, 19 Oct 2006 11:14:28 GMT
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RHEL4 kernel is not compilable by your gcc 4.x
use gcc3.4 which is used in RHEL/CentOS4.
Or fix line 58 and 205 in i2c.h where compiler reported problem,s.

I guess [] should replaced with *.

Kirill

```
> but i need to have a quick solution. if i'd have more time - i would bay
> a support, but i have not time at all now.
> i'm sorry for flooding. may be i'm wrong... sorry.
> let's see what i'm doing...
> root@hosting stab2]# ls -l
> kernel-2.6.9-023stab030-i686.config.ovz
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> kernel-2.6.9-023stab030-i686-smp.config.ovz
> kernel-2.6.9-023stab030-ia64.config.ovz
> kernel-2.6.9-023stab030-x86_64.config.ovz
> kernel-2.6.9-023stab030-x86_64-smp.config.ovz
> kernel-ovz.spec
> ovzkernel-2.6.9-023stab030.1.i686.rpm
> ovzkernel-2.6.9-023stab030.1.src.rpm
> ovzkernel-2.6.9-023stab030.1.x86_64.rpm
> ovzkernel-enterprise-2.6.9-023stab030.1.i686.rpm
> ovzkernel-smp-2.6.9-023stab030.1.i686.rpm
> ovzkernel-smp-2.6.9-023stab030.1.x86_64.rpm
> patch-023stab030-combined.gz
>
> [root@hosting stab2]# /usr/share/mc/extfs/rpm run
> /root/work/OpenVZ/kernel/stab2/ovzkernel-2.6.9-023stab030.1.src.rpm INSTALL
> Installing
> "" '/root/work/OpenVZ/kernel/stab2/ovzkernel-2.6.9-023stab030.1.src.rpm' ""
> 1:ovzkernel      #####
> [100%]
>
> cd to /usr/src/RPM/SPECS, then
> [root@hosting SPECS]# rpmbuild -ba ./kernel-ovz.spec
> (...a lot of messages about patching, making...)
> + echo BUILDING A KERNEL FOR x86_64...
> BUILDING A KERNEL FOR x86_64...
> + make -s mrproper
> + cp configs/kernel-2.6.9-023stab030-x86_64.config.ovz.config
> ...
```

```

> + make ARCH=x86_64 -s nonint_oldconfig
> + make ARCH=x86_64 -s nonint_oldconfig
> + make -s include/linux/version.h
> CHK include/linux/version.h
> UPD include/linux/version.h
> + make ARCH=x86_64 -s -j4 bzImage
> CHK include/linux/version.h
> SYMLINK include/asm -> include/asm-x86_64
> SPLIT include/linux/autoconf.h -> include/config/*
> CHK include/asm-x86_64/offset.h
> UPD include/asm-x86_64/offset.h
> arch/x86_64/kernel/process.c:57: warning: conflicting types for built-in
> function 'execve'
> In file included from include/linux/security.h:34,
>      from init/main.c:36:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> In file included from include/linux/unistd.h:9,
>      from init/main.c:45:
> include/asm/unistd.h: At top level:
> include/asm/unistd.h:766: warning: conflicting types for built-in
> function 'execve'
> init/main.c: In function 'maxcpus':
> init/main.c:163: warning: pointer targets in passing argument 2 of
> 'get_option' differ in signedness
> CHK include/linux/compile.h
> UPD include/linux/compile.h
> In file included from include/linux/security.h:34,
>      from init/do_mounts.c:8:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> arch/x86_64/kernel/signal.c: In function 'sys_rt_sigreturn':
> arch/x86_64/kernel/signal.c:174: warning: pointer targets in passing
> argument 3 of 'restore_sigcontext' differ in signedness
> In file included from include/linux/if_ether.h:107,
>      from include/linux/netdevice.h:29,
>      from include/net/sock.h:48,
>      from arch/x86_64/ia32/sys_ia32.c:73:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
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> init/do_mounts_rd.c:73: warning: pointer targets in passing argument 2
> of 'sys_read' differ in signedness
> init/do_mounts_rd.c:108: warning: pointer targets in passing argument 2
> of 'sys_read' differ in signedness

```

```

> init/do_mounts_rd.c: In function 'fill_inbuf':
> init/do_mounts_rd.c:351: warning: pointer targets in passing argument 2
> of 'sys_read' differ in signedness
> init/do_mounts_rd.c: In function 'flush_window':
> init/do_mounts_rd.c:372: warning: pointer targets in passing argument 2
> of 'sys_write' differ in signedness
> In file included from include/linux/unistd.h:9,
>   from init/do_mounts_initrd.c:2:
> include/asm/unistd.h:766: warning: conflicting types for built-in
> function 'execve'
> arch/x86_64/kernel/traps.c: In function 'printk_address':
> arch/x86_64/kernel/traps.c:107: warning: 'return' with a value, in
> function returning void
> In file included from include/linux/if_ether.h:107,
>   from include/linux/netdevice.h:29,
>   from include/linux/if_bridge.h:105,
>   from fs/compat_ioctl.c:24,
>   from arch/x86_64/ia32/ia32_ioctl.c:14:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> In file included from fs/compat_ioctl.c:71,
>   from arch/x86_64/ia32/ia32_ioctl.c:14:
> include/linux/i2c.h: At top level:
> include/linux/i2c.h:58: error: array type has incomplete element type
> include/linux/i2c.h:205: error: array type has incomplete element type
> In file included from include/linux/security.h:34,
>   from arch/x86_64/kernel/ptrace.c:18:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> make[1]: *** [arch/x86_64/ia32/ia32_ioctl.o] Error 1
> make: *** [arch/x86_64/ia32] Error 2
> make: *** Waiting for unfinished jobs....
>
> [root@hosting SPECS]# gcc --version
> gcc (GCC) 4.0.1 (4.0.1-5mdk for Mandriva Linux release 2006.0)
>
> is is Mandriva PowerPack 2006
>
>
> Dmitry Mishin wrote:
>
>
>>>ovzkernel-023stab030.1-smp.img is better - it trying to start, but can't
>>>find my AIC9410 (RadHat adp94xx driver).
>>>i'm trying to rebuild it (from src.rpm) with my own driver, but there
>>>too many warnings and error in compilation, that i can't fix by

```

>>>myself... :(did you checked it before uploading to openvz.org?
>>>
>>>
>>
>>As you can see, we also provide .x86_64 rpms. So, somehow we've built them.
>>If you couldn't do something, this is not a reason to think, that nobody
>>could. If you think, that there is something really wrong, please, fill the
>>bug at bugzilla.openvz.org with all necessary info how to reproduce it.
>>And, please, stop flooding with small and senseless letters.
>>
>>
>>
>>
>>>my arch is x86_64, i have SMP with dual-core Xeons
>>>
>>>Soldatov Dmitry wrote:
>>>
>>>
>>>
>>>>adp94xx included in latest development version is not working. i have
>>>>AIC9410 SAS/SATA working (with my own changes) in my own build of the
>>>>Mandriva 2.6.16 kernel, but fEdora's patch for adp94xx can't find my
>>>>root filesystem and mount any devices.
>>>>
>>>>Thorsten Schifferdecker wrote:
>>>>
>>>>
>>>>
>>>>>Hi,
>>>>>
>>>>>Soldatov Dmitry schrieb:
>>>>>
>>>>>
>>>>>>i'm trying to use ovzkernel-2.6.8-022stab078.21.src.rpm and
>>>>>>ovzkernel-smp-2.6.8-022stab078.21.x86_64.rpm, but they going to some
>>>>>>Frame Buffer video mode and simply reboots just after the GRUB
>>>>>>invocation... I tryed to invoke with "vga=ask", but it don't helps.
>>>>>>all Mandriva & Redora works good.
>>>>>>can anybody say, what's going on?
>>>>>>
>>>>>>sorry for my english
>>>>>>
>>>>>>
>>>>>>
>>>>>>The ovz-kernel haven't enabled the Framebuffer DEVICE in their
>>>>>>kernel-config ...
>>>>>>

>>>>Show Framebuffer (CONFIG_FB) in the kernel-config of Mandriva and
>>>>Fedora :
>>>>
>>>># grep CONFIG_FB <kernel_config_of_mandriva_or_fedora>
>>>>
>>>>and enable it , like "make menuconfig" , in your ovzkernel-config and
>>>>reBuild your kernel!
>>>>
>>>>Regards,
>>>>Thorsten
