
Subject: xorg installation problem in virtual machine (Cannot open tty0)

Posted by [rverlind](#) on Tue, 27 Jun 2006 15:19:17 GMT

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I am using the OpenVZ 2.6.16-026test012 kernel patch on a x86_64 Debian host system.

When trying to run Xorg from within an Debian Unstable virtual machine I get the following error (Complete Xorg log at the bottom of the message) :

Quote:

Fatal server error:

xf86OpenConsole: Cannot open /dev/tty0 (No such file or directory)

(WW) xf86CloseConsole: KDSETMODE failed: Bad file descriptor

(WW) xf86CloseConsole: VT_GETMODE failed: Bad file descriptor

When I look for the different TTY devices I get the following (ls -al /dev/tty*) and I can not change the permission on tty0.

Quote:

crw-rw-rw- 1 root tty 5, 0 Jun 27 15:05 /dev/tty

crw-r--r-- 1 root root 4, 0 Jun 26 13:48 /dev/tty0

Can anybody give me a hint on how to proceed getting xorg working inside the virtual machine?

regards,

RUben

Quote:

X Window System Version 7.0.0

Release Date: 21 December 2005

X Protocol Version 11, Revision 0, Release 7.0

Build Operating System: Linux 2.6.16-1-vserver-amd64-k8 x86_64

Current Operating System: Linux STARIntra204 2.6.16-026test012 #1 SMP Mon May 15 15:36:29 CEST 2006 x86_64

Build Date: 16 March 2006

Before reporting problems, check <http://wiki.x.org>
to make sure that you have the latest version.

Module Loader present

Markers: (--) probed, (**) from config file, (==) default setting,

(++) from command line, (!!) notice, (II) informational,

(WW) warning, (EE) error, (NI) not implemented, (??) unknown.

(==) Log file: "/var/log/Xorg.0.log", Time: Tue Jun 27 14:42:33 2006

(==) Using config file: "/etc/X11/xorg.conf"

```

(==) ServerLayout "Default Layout"
(**) |-->Screen "Screen0" (0)
(**) | |-->Monitor "Monitor0"
(**) | |-->Device "Videocard0"
(**) |-->Input Device "Mouse0"
(**) |-->Input Device "Keyboard0"
(**) Option "XkbModel" "pc105"
(**) XKB: model: "pc105"
(**) Option "XkbLayout" "be"
(**) XKB: layout: "be"
(==) Keyboard: CustomKeycode disabled
(**) FontPath set to " unix/:7100,/usr/share/fonts/X11/misc/,/usr/share/fonts/X11/T
TF/,/usr/share/fonts/X11/OTF,/usr/share/fonts/X11/Type1/,us
r/share/fonts/X11/CID/,/usr/share/fonts/X11/100dpi/,/usr/sha re/fonts/X11/75dpi/ "
(==) RgbPath set to "/usr/share/X11/rgb"
(==) ModulePath set to "/usr/lib/xorg/modules"
(II) Module ABI versions:
    X.Org ANSI C Emulation: 0.2
    X.Org Video Driver: 0.8
    X.Org XInput driver : 0.5
    X.Org Server Extension : 0.2
    X.Org Font Renderer : 0.4
(II) Loader running on linux
(II) LoadModule: "bitmap"
(II) Loading /usr/lib/xorg/modules/fonts/libbitmap.so
(II) Module bitmap: vendor="X.Org Foundation"
    compiled for 7.0.0, module version = 1.0.0
    Module class: X.Org Font Renderer
    ABI class: X.Org Font Renderer, version 0.4
(II) Loading font Bitmap
(II) LoadModule: "pcidata"
(II) Loading /usr/lib/xorg/modules/libpcidata.so
(II) Module pcidata: vendor="X.Org Foundation"
    compiled for 7.0.0, module version = 1.0.0
    ABI class: X.Org Video Driver, version 0.8

```

Fatal server error:

xf86OpenConsole: Cannot open /dev/tty0 (No such file or directory)

(WW) xf86CloseConsole: KDSETMODE failed: Bad file descriptor

(WW) xf86CloseConsole: VT_GETMODE failed: Bad file descriptor