
Subject: *partially solved* startx - cannot open /dev/tty0
Posted by [paul_xedos](#) on Fri, 30 Nov 2007 11:44:56 GMT
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Hi,
I'm running RHEL4U4 in a VE and attempting to startx in order to allow developers in India to display their desktops over a slow link using NoMachine (similar to VNC). A pre-req for doing this is that X is running.

```
[root@vz1 ~]# startx
```

```
X Window System Version 6.8.2
Release Date: 9 February 2005
X Protocol Version 11, Revision 0, Release 6.8.2
Build Operating System: Linux 2.6.9-34.0.1.ELsmp i686 [ELF]
Current Operating System: Linux vz1 2.6.9-023stab044.11-enterprise #1 SMP Sun Sep 30
14:02:45 MSD 2007 i686
Build Date: 11 July 2006
Build Host: hs20-bc1-1.build.redhat.com
```

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

Module Loader present

OS Kernel: Linux version 2.6.9-023stab044.11-enterprise (root@rhel4-32) (gcc version 3.4.5
20051201 (Red Hat 3.4.5-2)) #1 SMP Sun Sep 30 14:02:45 MSD 2007

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: Fri Nov 30 11:26:15 2007

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

[B]

Fatal server error:

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

My dev/tty directory was created as follows

MAKEDEV tty pty

mknod -m 666 /dev/tty0 c 5 1

```
[root@vz1 ~]# ls -l /dev/tty*
```

```
-rw-r--r-- 1 root root 5, 2 Nov 30 11:21 /dev/tty
crw-rw-rw- 1 root root 5, 1 Nov 30 11:39 /dev/tty0
crw-rw-rw- 1 root root 5, 0 Nov 27 17:31 /dev/ttyp
crw-rw-rw- 1 root tty 3, 48 Nov 30 11:25 /dev/ttys0
crw-rw-rw- 1 root tty 3, 49 Nov 30 11:25 /dev/ttys1
:           :           :
crw-rw-rw- 1 root tty 3, 63 Nov 30 11:25 /dev/ttysf
```

I'm beginning to wonder whether the "cannot open /dev/tty0" is not actually the problem and really X is failing for some other reason

Thanks
Paul
