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Subject: pstree with 2.6.20

Posted by [MaFL](#) on Sat, 01 Sep 2007 22:51:09 GMT

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ps tree command is not working for me with the 2.6.20 dev kernels?

It only shows the init process

```
saturn:~# pstree
init
```

Anyone has an idea?

Regards Matt

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Subject: Re: pstree with 2.6.20

Posted by [kir](#) on Sat, 01 Sep 2007 23:03:57 GMT

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Is that in host system or inside a VE?

Which distro is installed?

What is pstree version?

What does ps axf shows?

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Subject: Re: pstree with 2.6.20

Posted by [MaFL](#) on Sat, 01 Sep 2007 23:15:17 GMT

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1. both, hosts & ve

2. debian etch amd64 (if I remember correctly i386 was the same, but have to test)

3. pstree (PSmisc) 22.3

4. saturn:~# ps axf

PID	TTY	STAT	TIME	COMMAND
-----	-----	------	------	---------

1 ?	Ss	0:02		init [2]
2 ?	S	0:00		[migration/0/0]
3 ?	SN	0:00		[ksoftirqd/0]
4 ?	S	0:00		[migration/0/1]
5 ?	SN	0:00		[ksoftirqd/1]
6 ?	S	0:00		[migration/0/2]
7 ?	SN	0:00		[ksoftirqd/2]
8 ?	S	0:00		[migration/0/3]
9 ?	SN	0:00		[ksoftirqd/3]
10 ?	S	0:00		[migration/0/4]
11 ?	SN	0:00		[ksoftirqd/4]
12 ?	S	0:00		[migration/0/5]

13 ?	SN	0:00 [ksoftirqd/5]
14 ?	S	0:00 [migration/0/6]
15 ?	SN	0:00 [ksoftirqd/6]
16 ?	S	0:00 [migration/0/7]
17 ?	SN	0:00 [ksoftirqd/7]
18 ?	S<	0:00 [events/0]
19 ?	S<	0:00 [events/1]
20 ?	S<	0:00 [events/2]
21 ?	S<	0:00 [events/3]
22 ?	S<	0:00 [events/4]
23 ?	S<	0:00 [events/5]
24 ?	S<	0:00 [events/6]
25 ?	S<	0:00 [events/7]
26 ?	S<	0:00 [khelper]
27 ?	S<	0:00 [kthread]
74 ?	S<	0:00 \_ [kblockd/0]
75 ?	S<	0:00 \_ [kblockd/1]
76 ?	S<	0:00 \_ [kblockd/2]
77 ?	S<	0:00 \_ [kblockd/3]
78 ?	S<	0:00 \_ [kblockd/4]
79 ?	S<	0:00 \_ [kblockd/5]
80 ?	S<	0:00 \_ [kblockd/6]
81 ?	S<	0:00 \_ [kblockd/7]
82 ?	S<	0:00 \_ [kacpid]
219 ?	S<	0:00 \_ [cqueue/0]
220 ?	S<	0:00 \_ [cqueue/1]
221 ?	S<	0:00 \_ [cqueue/2]
222 ?	S<	0:00 \_ [cqueue/3]
223 ?	S<	0:00 \_ [cqueue/4]
224 ?	S<	0:00 \_ [cqueue/5]
225 ?	S<	0:00 \_ [cqueue/6]
226 ?	S<	0:00 \_ [cqueue/7]
227 ?	S<	0:00 \_ [ksuspend_usbd]
230 ?	S<	0:00 \_ [khubd]
232 ?	S<	0:00 \_ [kseriod]
313 ?	S	0:00 \_ [pdflush]
314 ?	S	0:00 \_ [pdflush]
315 ?	S<	0:00 \_ [kswapd0]
316 ?	S<	0:00 \_ [aio/0]
317 ?	S<	0:00 \_ [aio/1]
318 ?	S<	0:00 \_ [aio/2]
319 ?	S<	0:00 \_ [aio/3]
320 ?	S<	0:00 \_ [aio/4]
321 ?	S<	0:00 \_ [aio/5]
322 ?	S<	0:00 \_ [aio/6]
323 ?	S<	0:00 \_ [aio/7]
995 ?	S<	0:00 \_ [kpsmoused]
1219 ?	S<	0:00 \_ [scsi_eh_0]

```

2032 ?    S<    0:00 \_ [scsi_eh_1]
2033 ?    S<    0:00 \_ [usb-storage]
2036 ?    S<    0:00 \_ [scsi_eh_2]
2037 ?    S<    0:00 \_ [usb-storage]
2396 ?    S<    0:00 \_ [kjournald]
3950 ?    S<    0:00 \_ [kmirrord]
3963 ?    S<    0:00 \_ [ksnapd]
4048 ?    S<    0:00 \_ [kjournald]
4993 ?    S<    0:00 \_ [migration/500/0]
4994 ?    S<    0:00 \_ [migration/500/1]
4995 ?    S<    0:00 \_ [migration/500/2]
4996 ?    S<    0:00 \_ [migration/500/3]
4997 ?    S<    0:00 \_ [migration/500/4]
4998 ?    S<    0:00 \_ [migration/500/5]
4999 ?    S<    0:00 \_ [migration/500/6]
5000 ?    S<    0:00 \_ [migration/500/7]
5064 ?    S<    0:00 \_ [migration/501/0]
5065 ?    S<    0:00 \_ [migration/501/1]
5066 ?    S<    0:00 \_ [migration/501/2]
5067 ?    S<    0:00 \_ [migration/501/3]
5068 ?    S<    0:00 \_ [migration/501/4]
5069 ?    S<    0:00 \_ [migration/501/5]
5070 ?    S<    0:00 \_ [migration/501/6]
5071 ?    S<    0:00 \_ [migration/501/7]
311 ?     S     0:00 [ubstatd]
2633 ?    S<s   0:10 udevd --daemon
4103 ?    Ss    0:00 /sbin/portmap
4327 ?    Ss    0:00 /sbin/syslogd
4340 ?    Ss    0:00 /sbin/klogd -x
4435 ?    Ss    0:00 /usr/sbin/acpid -c /etc/acpi/events -s /var/run/acpid.socket
4492 ?    Ss    0:00 /usr/sbin/exim4 -bd -q30m
4504 ?    Ss    0:00 /usr/sbin/inetd
4527 ?    Ss    0:00 /usr/sbin/sshd
6074 ?    Ss    0:00 \_ sshd: root@pts/0
6076 pts/0 Ss    0:00 | \_ -bash
6321 pts/0 R+   0:00 | \_ ps axf
6147 ?    Ss    0:00 \_ sshd: root@pts/1
6149 pts/1 Ss+   0:00 \_ -bash
4834 ?    S     0:00 [vzmond]
4992 ?    Ss    0:00 init [2]
5382 ?    Ss    0:00 \_ /sbin/syslogd
6015 ?    Ss    0:00 \_ /usr/sbin/sshd
6030 ?    Ss    0:00 \_ /usr/sbin/cron
6042 ?    Ss    0:00 \_ /usr/sbin/apache2 -k start
6064 ?    S     0:00 \_ /usr/sbin/apache2 -k start
6065 ?    S     0:00 \_ /usr/sbin/apache2 -k start
6066 ?    S     0:00 \_ /usr/sbin/apache2 -k start
6067 ?    S     0:00 \_ /usr/sbin/apache2 -k start

```

```
6068 ?    S    0:00  \_ /usr/sbin/apache2 -k start
5063 ?    Ss   0:00  init [2]
5844 ?    Ss   0:00  \_ /sbin/syslogd
5875 ?    S    0:00  \_ /var/ossec/bin/ossec-execd
5879 ?    S    0:00  \_ /var/ossec/bin/ossec-agentd
5883 ?    S    0:00  \_ /var/ossec/bin/ossec-logcollector
5887 ?    S    0:01  \_ /var/ossec/bin/ossec-syscheckd
5895 ?    Ss   0:00  \_ /usr/sbin/sshd
5910 ?    Ss   0:00  \_ /usr/sbin/cron
5481 ?    Ss   0:00  /sbin/rpc.statd
5512 ?    Ss   0:00  /usr/sbin/atd
5524 ?    Ss   0:00  /usr/sbin/cron
5565 tty1  Ss+  0:00  /sbin/getty 38400 tty1
5566 tty2  Ss+  0:00  /sbin/getty 38400 tty2
5567 tty3  Ss+  0:00  /sbin/getty 38400 tty3
5568 tty4  Ss+  0:00  /sbin/getty 38400 tty4
5569 tty5  Ss+  0:00  /sbin/getty 38400 tty5
5570 tty6  Ss+  0:00  /sbin/getty 38400 tty6
```

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Subject: Re: pstree with 2.6.20  
Posted by [kir](#) on Sat, 01 Sep 2007 23:37:11 GMT  
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Does pstree works on vanilla 2.6.20? Debian 2.6.20?

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Subject: Re: pstree with 2.6.20  
Posted by [MaFL](#) on Sun, 02 Sep 2007 00:21:00 GMT  
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yes, just tested

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Subject: Re: pstree with 2.6.20  
Posted by [kir](#) on Sun, 02 Sep 2007 15:11:22 GMT  
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Yep, looks like this is a bug.

Looks like there's no chance we will be fixing that in 2.6.20 -- as we have already switched to 2.6.22. Can you try this, or switch to 2.6.18, or specify why you need exactly 2.6.20.

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Subject: Re: pstree with 2.6.20  
Posted by [MaFL](#) on Tue, 04 Sep 2007 18:25:04 GMT

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no problem...

apart from 2.6.22 ovz002 is not compiling for me so far  
but 2.6.18 is working fine

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