

## DragonFlyBSD - Bug #243

### weird behavior in the shell

07/15/2006 07:49 AM - swildner

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Hi,			
I'm not sure if this is a 'real' bug but I'm curious if anyone knows the cause. Check this:			
<pre>zoot# echo \$PATH /sbin:/bin:/usr/sbin:/usr/bin:/usr/games:/usr/local/sbin:/usr/local/bin:/usr/pkg/bin:/usr/pkg/sbin:/usr/pkg/xorg/bin:/home/s/bin zoot# pwd /usr/src/sys/dev/disk/md zoot# . /usr/sbin/.: Permission denied. zoot# cd / zoot# . /usr/sbin/.: Permission denied.</pre>			
In other words: The strange thing is that wherever I type . on the csh prompt, I get the /usr/sbin/.: message regardless of what my current directory is.			
On a Solaris system I get ".: Permission denied." which is what I'd expect rather.			
So, can anyone enlighten me why DragonFly behaves like that?			
Sascha			

### History

#### #1 - 07/18/2006 07:10 AM - qhwt+dfly

On Sat, Jul 15, 2006 at 09:40:52AM +0200, Sascha Wildner wrote:

> I'm not sure if this is a 'real' bug but I'm curious if anyone knows the  
> cause. Check this:

```
>
> zoot# echo $PATH
> /sbin:/bin:/usr/sbin:/usr/bin:/usr/games:/usr/local/sbin:/usr/local/bin:/usr/pkg/bin:/usr/pkg/sbin:/usr/pkg/xorg/bin:/home/s/bin
> zoot# pwd
> /usr/src/sys/dev/disk/md
> zoot# .
> /usr/sbin/.: Permission denied.
> zoot# cd /
> zoot# .
> /usr/sbin/.: Permission denied.
```

> In other words: The strange thing is that wherever I type . on the csh  
> prompt, I get the /usr/sbin/.: message regardless of what my current  
> directory is.

> On a Solaris system I get ".: Permission denied." which is what I'd  
> expect rather.

> So, can anyone enlighten me why DragonFly behaves like that?

I observed that the same thing happens on tcsh-6.12-2 on RedHat Linux 8.0;  
the consistency is that it's always the third component in \$PATH that is  
prefixed to `.` in the error message.

Cheers.

**#2 - 10/02/2006 01:14 PM - corecode**

can we close this?

**#3 - 10/02/2006 08:01 PM - swildner**

Nope.

Sascha

**#4 - 07/22/2007 10:52 PM - corecode**

can we close this?

**#5 - 01/25/2009 10:28 PM - corecode**

can we close this?

**#6 - 01/25/2009 10:29 PM - corecode**

can we close this?

**#7 - 01/25/2009 10:33 PM - swildner**

Nope.

Sascha

**#8 - 05/05/2011 11:57 AM - tuxillo**

Hi,

I think tcsh tries to `execve()` to path "."

`execve(2)` manpage says:

[EACCES]        The new process file is not an ordinary file.

Cheers,  
Antonio Huete