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Subject: \*SOLVED\* Mounting directory within a VE  
Posted by [mperkel](#) on Thu, 01 Mar 2007 19:07:21 GMT  
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This should be simple. I want to start a VE with a directory mounted outside the private area. How do I do that?

Thanks in Advance ...

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Subject: Re: Mounting directory within a VE  
Posted by [Vasily Tarasov](#) on Fri, 02 Mar 2007 07:25:53 GMT  
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Hello,

after start of VE do:

```
# mount -n -o bind /pub /vz/root/101/pub  
where 101 is an ID of VE in question.
```

If you want to do it automatically on VE start create a `/etc/vz/conf/101.mount` file with the following content:

```
#!/bin/sh  
mount -n -o bind /mnt /vz/root/101/pub  
and add executable bit to this file.
```

HTH,  
Vasily.

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Subject: Re: Mounting directory within a VE  
Posted by [mperkel](#) on Fri, 02 Mar 2007 14:38:45 GMT  
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Thanks - that's exactly what I was looking for. I didn't know that part about creating the mount file.

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Subject: Re: Mounting directory within a VE  
Posted by [szocske](#) on Tue, 13 Mar 2007 09:56:44 GMT  
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Can multiple VEs mount the same directory?

It's fine even if read-only.

And if a file is mmaped from a shared mount, does that duplicate the IO and memory usage?

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Subject: Re: Mounting directory within a VE

Posted by [Vasily Tarasov](#) on Tue, 13 Mar 2007 12:32:10 GMT

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Quote:Can multiple VEs mount the same directory?

It's fine even if read-only. Yes, of course, even writable mounts are allowed.

Quote:And if a file is mmaped from a shared mount, does that duplicate the IO and memory usage? No, no duplicate memory usage: physical pages are the same.

Vasily

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Subject: Re: Mounting directory within a VE

Posted by [szocske](#) on Tue, 13 Mar 2007 12:56:38 GMT

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I think a major restructuring of our testing farm is in order to take advantage of this feature

Thank you for your answer.

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