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Subject: Re: Re: [patch 05/10] add "permit user mounts in new namespace" clone flag

Posted by [Miklos Szeredi](#) on Wed, 18 Apr 2007 19:14:21 GMT

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> As I said earlier, I see a case where two mounts that are peers of each  
> other can become un-identical if we dont propagate the "allowusermnt".  
>  
> As a practical example.  
>  
> /tmp and /mnt are peers of each other.  
> /tmp has its "allowusermnt" flag set, which has not been propagated  
> to /mnt.  
>  
> now a normal-user mounts an ext2 file system under /tmp at /tmp/1  
>  
> unfortunately the mount wont appear under /mnt/1

Argh, that is not true. That's what I've been trying to explain to  
you all along.

The propagation will be done regardless of the flag. The flag is  
only checked for the parent of the requested mount. If it is  
allowed there, the mount, including any propagations are allowed. If  
it's denied, then obviously it's denied everywhere.

> and in case if you allow the mount to appear under /mnt/1, you will  
> break unprivilege mounts semantics which promises: a normal user will  
> not be able to mount at a location that does not allow user-mounts.

No, it does not promise that. The flag just promises, that the user  
cannot request a mount on the parent mount.

Miklos

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