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Subject: Re: How to query mount propagation state?  
Posted by [Ram Pai](#) on Mon, 16 Apr 2007 17:39:46 GMT  
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On Mon, 2007-04-16 at 12:34 +0200, Miklos Szeredi wrote:  
> Currently one of the difficulties with mount propagations is that  
> there's no way to know the current state of the propagation tree.  
>  
> Has anyone thought about how this info could be queried from  
> userspace?

I am attaching two patches that I had done way back in Oct 2006  
with Al Viro. I had sent these patches to Al Viro. But I forgot to  
follow them up, I guess so did Al Viro.

The first patch disambiguates multiple mount-instances of the same  
filesystem (or part of the same filesystem), by introducing a new  
interface /proc/mounts\_new.

The second patch introduces a new proc interface that exposes all the  
propagation trees within a namespace. It does not show propagated  
mounts residing in a different namespace (for privacy reasons). Maybe  
one could modify the patch a little, to allow it; if the user has  
root privileges.

RP

PS: Sorry these are attachments instead of inline patches. I am scared  
of inlining in evolution. If needed I can send inline patches through  
mutt.

>  
> Thanks,  
> Miklos

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Containers mailing list  
[Containers@lists.linux-foundation.org](mailto:Containers@lists.linux-foundation.org)  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

#### File Attachments

- 1) [mounts.patch](#), downloaded 260 times
- 2) [propagation.patch](#), downloaded 288 times

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