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Subject: Re: [patch 8/8] allow unprivileged fuse mounts  
Posted by [Miklos Szeredi](#) on Sun, 22 Apr 2007 07:22:44 GMT  
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```
> > + /*
> > + * For unprivileged mounts use current uid/gid. Still allow
> > + * "user_id" and "group_id" options for compatibility, but
> > + * only if they match these values.
> > + */
> > + if (!capable(CAP_SYS_ADMIN)) {
> > + d->user_id = current->uid;
> > + d->user_id_present = 1;
> > + d->group_id = current->gid;
> > + d->group_id_present = 1;
> > +
> > + }
>
> CAP_SETUID is the appropriate capability...
>
> This is not a dimension we have not fully explored.
> What is the problem with a user controlled mount having different
> uid and gid values.
>
> Yes they map into different users but how is this a problem.
> The only problem that I can recall is the historic chown problem
> where you could give files to other users and mess up their quotas.
>
> Or is the problem other users writing to this user controlled
> filesystem?
```

Yes. Or even just a suid process trying to access the user controlled filesystem. See Documentation/filesystems/fuse.txt for the gory details.

Eric, thanks for the detailed review :)

Miklos

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Containers mailing list  
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