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Subject: Re: [patch 1/8] add user mounts to the kernel  
Posted by [Miklos Szeredi](#) on Sat, 21 Apr 2007 08:06:28 GMT  
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> > From: Miklos Szeredi <mszeredi@suse.cz>  
> >  
> > Add ownership information to mounts.  
> >  
> > A new mount flag, MS\_SETUSER is used to make a mount owned by a user.  
> > If this flag is specified, then the owner will be set to the current  
> > real user id and the mount will be marked with the MNT\_USER flag. On  
> > remount don't preserve previous owner, and treat MS\_SETUSER as for a  
> > new mount. The MS\_SETUSER flag is ignored on mount move.  
>  
> So is a modified mount(8) needed? If so, is there some convenient way  
> in which testers can get hold of it?

I haven't yet added this to mount(8). I'll do that and post patches.

There's an ultra sophisticated mount tester program I use. It's slightly user unfriendly...

Miklos

```
----  
#include <stdio.h>  
#include <stdlib.h>  
#include <string.h>  
#include <sys/mount.h>  
  
int main(int argc, char *argv[])  
{  
    int res;  
    int un = (strchr(argv[0], '/') ? argv[0] - 1)[1] == 'u';  
    if ((un && argc != 3) || (!un && argc != 6)) {  
        fprintf(stderr, "usage: %s %s\n", argv[0],  
            un ? "dir flags" : "dev dir type flags opts");  
        return 1;  
    }  
    if (un)  
        res = umount2(argv[1], atoi(argv[2]));  
    else  
        res = mount(argv[1], argv[2], argv[3], atoi(argv[4]), argv[5]);  
    if (res == -1) {  
        perror(argv[0]);  
        return 1;  
    }  
    return 0;  
}
```

}

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