
Subject: Re: [patch 1/8] add user mounts to the kernel
Posted by [Miklos Szteredi](#) on Sat, 21 Apr 2007 08:06:28 GMT
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> > From: Miklos Szteredi <mszteredi@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 = (strrchr(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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