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Subject: Re: [patch 3/8] account user mounts  
Posted by [akpm](#) on Sat, 21 Apr 2007 07:55:09 GMT  
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On Fri, 20 Apr 2007 12:25:35 +0200 Miklos Szeredi <[miklos@szeredi.hu](mailto:miklos@szeredi.hu)> wrote:

```
> Add sysctl variables for accounting and limiting the number of user
> mounts.
>
> The maximum number of user mounts is set to 1024 by default. This
> won't in itself enable user mounts, setting a mount to be owned by a
> user is first needed
>
> Signed-off-by: Miklos Szeredi <mszeredi@suse.cz>
> ---
>
> Index: linux/include/linux/sysctl.h
> =====
> --- linux.orig/include/linux/sysctl.h 2007-04-20 11:55:02.000000000 +0200
> +++ linux/include/linux/sysctl.h 2007-04-20 11:55:07.000000000 +0200
> @@ -818,6 +818,8 @@ enum
>  FS_AIO_NR=18, /* current system-wide number of aio requests */
>  FS_AIO_MAX_NR=19, /* system-wide maximum number of aio requests */
>  FS_INOTIFY=20, /* inotify submenu */
> + FS_NR_USER_MOUNTS=21, /* int:current number of user mounts */
> + FS_MAX_USER_MOUNTS=22, /* int:maximum number of user mounts */
>  FS_OCFS2=988, /* ocfs2 */
```

Is there a special reason why the enumerated sysctls are needed? We're trying to get away from using them.

```
diff -puN include/linux/sysctl.h~unprivileged-mounts-account-user-mounts-fix include/linux/sysctl.h
--- a/include/linux/sysctl.h~unprivileged-mounts-account-user-mounts-fix
+++ a/include/linux/sysctl.h
@@ -819,8 +819,6 @@ enum
  FS_AIO_NR=18, /* current system-wide number of aio requests */
  FS_AIO_MAX_NR=19, /* system-wide maximum number of aio requests */
  FS_INOTIFY=20, /* inotify submenu */
- FS_NR_USER_MOUNTS=21, /* int:current number of user mounts */
- FS_MAX_USER_MOUNTS=22, /* int:maximum number of user mounts */
  FS_OCFS2=988, /* ocfs2 */
};
```

```
diff -puN kernel/sysctl.c~unprivileged-mounts-account-user-mounts-fix kernel/sysctl.c
--- a/kernel/sysctl.c~unprivileged-mounts-account-user-mounts-fix
+++ a/kernel/sysctl.c
@@ -1028,7 +1028,7 @@ static ctl_table fs_table[] = {
```

```
#endif
#endif
{
- .ctl_name = FS_NR_USER_MOUNTS,
+ .ctl_name = CTL_UNNUMBERED,
  .procname = "nr_user_mounts",
  .data = &nr_user_mounts,
  .maxlen = sizeof(int),
@@ -1036,7 +1036,7 @@ static ctl_table fs_table[] = {
  .proc_handler = &proc_dointvec,
},
{
- .ctl_name = FS_MAX_USER_MOUNTS,
+ .ctl_name = CTL_UNNUMBERED,
  .procname = "max_user_mounts",
  .data = &max_user_mounts,
  .maxlen = sizeof(int),
-

```

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