
Subject: [PATCH 2.6.18] ext2: errors behaviour fix
Posted by [vaverin](#) on Wed, 04 Oct 2006 07:51:23 GMT
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EXT2_ERRORS_CONTINUE should be read from the superblock as default value for error behaviour.

parse_option() should clean the alternative options and should not change default value taken from the superblock.

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--- linux-2.6.18/fs/ext2/super.c.e2erop 2006-09-20 07:42:06.000000000 +0400

+++ linux-2.6.18/fs/ext2/super.c 2006-10-03 15:50:31.000000000 +0400

@@ -365,7 +365,6 @@ static int parse_options (char * options

```
{  
    char * p;  
    substring_t args[MAX_OPT_ARGS];  
- unsigned long kind = EXT2_MOUNT_ERRORS_CONT;  
    int option;
```

```
    if (!options)
```

@@ -405,13 +404,19 @@ static int parse_options (char * options

```
    /* *sb_block = match_int(&args[0]); */  
    break;  
    case Opt_err_panic:  
- kind = EXT2_MOUNT_ERRORS_PANIC;  
+ clear_opt (sbi->s_mount_opt, ERRORS_CONT);  
+ clear_opt (sbi->s_mount_opt, ERRORS_RO);  
+ set_opt (sbi->s_mount_opt, ERRORS_PANIC);  
    break;  
    case Opt_err_ro:  
- kind = EXT2_MOUNT_ERRORS_RO;  
+ clear_opt (sbi->s_mount_opt, ERRORS_CONT);  
+ clear_opt (sbi->s_mount_opt, ERRORS_PANIC);  
+ set_opt (sbi->s_mount_opt, ERRORS_RO);  
    break;  
    case Opt_err_cont:  
- kind = EXT2_MOUNT_ERRORS_CONT;  
+ clear_opt (sbi->s_mount_opt, ERRORS_RO);  
+ clear_opt (sbi->s_mount_opt, ERRORS_PANIC);  
+ set_opt (sbi->s_mount_opt, ERRORS_CONT);  
    break;  
    case Opt_nouid32:  
    set_opt (sbi->s_mount_opt, NO_UID32);
```

@@ -490,7 +495,6 @@ static int parse_options (char * options

```
    return 0;  
}
```

```
}  
- sbi->s_mount_opt != kind;  
  return 1;  
}
```

```
@@ -710,6 +714,8 @@ static int ext2_fill_super(struct super_  
  set_opt(sbi->s_mount_opt, ERRORS_PANIC);  
  else if (le16_to_cpu(sbi->s_es->s_errors) == EXT2_ERRORS_RO)  
    set_opt(sbi->s_mount_opt, ERRORS_RO);  
+ else  
+ set_opt(sbi->s_mount_opt, ERRORS_CONT);  
  
  sbi->s_resuid = le16_to_cpu(es->s_def_resuid);  
  sbi->s_resgid = le16_to_cpu(es->s_def_resgid);
```
