
Subject: Re: [PATCH] ext3: dirindex error pointer issues (b)
Posted by [Dmitriy Monakhov](#) on Mon, 12 Mar 2007 07:20:13 GMT
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Dmitriy Monakhov <dmonakhov@sw.ru> writes:

```
> - ext3_dx_find_entry() exit with out setting proper error pointer
> - do_split() exit with out setting proper error pointer
> it is really painful because many callers contain following code:
>     de = do_split(handle,dir, &bh, frame, &hinfo, &retval);
>     if (!(de))
>         return retval;
>     <<< WOW retval wasn't changed by do_split(), so caller failed
>     <<< but return SUCCESS :)
> - Rearrange do_split() error path. Current error path is really ugly, all
> this up and down jump stuff doesn't make code easy to understand.
Ohh my first patch change error message semantics in do_split(). Initially when
ext3_append() failed we just exit without printing error. In fact ext3_append()
may fail, it is legal and it's happens quite often (ENOSPC for example). This
cause annoying fake error message. So restore this semantic as it was before
patch.
```

Andrew please apply incremental patch what fix it:

Signed-off-by: Monakhov Dmitriy <dmonakhov@openvz.org>

```
diff --git a/fs/ext3/namei.c b/fs/ext3/namei.c
index 1a52586..7edb617 100644
```

```
--- a/fs/ext3/namei.c
+++ b/fs/ext3/namei.c
@@ -1197,8 +1197,8 @@ journal_error:
     brelse(*bh);
     brelse(bh2);
     *bh = NULL;
-errout:
     ext3_std_error(dir->i_sb, err);
+errout:
     *error = err;
     return NULL;
}
```

```
diff --git a/fs/ext4/namei.c b/fs/ext4/namei.c
index f0a6c26..02a75db 100644
```

```
--- a/fs/ext4/namei.c
+++ b/fs/ext4/namei.c
@@ -1195,8 +1195,8 @@ journal_error:
     brelse(*bh);
     brelse(bh2);
     *bh = NULL;
-errout:
```

```
    ext4_std_error(dir->i_sb, err);
+errout:
    *error = err;
    return NULL;
}
```
