
Subject: [PATCH] ext3: small fix for previous retries patch in ext3_prepare_write()
Posted by [Kirill Korotaev](#) on Tue, 28 Nov 2006 16:20:51 GMT

[View Forum Message](#) <> [Reply to Message](#)

Patch from Dmitry Monakhov:

Previous fix for retries in ext3_prepare_write() violation

was a bit errorneous:

- it missed return of error code from ext3_journal_stop()
- it missed do_journal_get_write_access() before commit_write

a few comments added also.

Signed-Off-By: Dmitry Monakhov <dmonakhov@openvz.org>

Signed-Off-By: Kirill Korotaev <dev@openvz.org>

```
diff --git a/fs/ext3/inode.c b/fs/ext3/inode.c
index a48ada9..1acb528 100644
--- a/fs/ext3/inode.c
+++ b/fs/ext3/inode.c
@@ -1162,13 +1162,14 @@ static int ext3_prepare_failure(struct file *f,
    struct buffer_head *bh, *head, *next;
    unsigned block_start, block_end;
    unsigned blocksize;
+   int ret;
+   handle_t *handle = ext3_journal_current_handle();

    mapping = page->mapping;
    if (ext3_should_writeback_data(mapping->host)) {
        /* optimization: no constraints about data */
        skip:
-       ext3_journal_stop(ext3_journal_current_handle());
-       return 0;
+       return ext3_journal_stop(handle);
    }

    head = page_buffers(page);
@@ -1186,7 +1187,19 @@ skip:
        break;
    }
    if (!buffer_mapped(bh))
+   /* prepare_write failed on this bh */
        break;
+   if (ext3_should_journal_data(mapping->host)) {
+       ret = do_journal_get_write_access(handle, bh);
+       if (ret) {
+           ext3_journal_stop(handle);
+           return ret;

```

```
+ }
+ }
+ /*
+ * block_start here becomes the first block where the current iteration
+ * of prepare_write failed.
+ */
}
if (block_start <= from)
goto skip;
```
