
Subject: [PATCH 09/12] mm: minor cleanup of iov_iter_single_seg_count()

Posted by [Maxim Patlasov](#) on Fri, 26 Oct 2012 15:50:04 GMT

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The function does not modify iov_iter which 'i' points to.

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include/linux/fs.h | 2 +-
mm/filemap.c | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

diff --git a/include/linux/fs.h b/include/linux/fs.h

index b33cfc9..8967baa 100644

--- a/include/linux/fs.h

+++ b/include/linux/fs.h

```
@@ -300,7 +300,7 @@ size_t iov_iter_copy_from_user(struct page *page,  
    struct iov_iter *i, unsigned long offset, size_t bytes);  
void iov_iter_advance(struct iov_iter *i, size_t bytes);  
int iov_iter_fault_in_readable(struct iov_iter *i, size_t bytes);  
-size_t iov_iter_single_seg_count(struct iov_iter *i);  
+size_t iov_iter_single_seg_count(const struct iov_iter *i);
```

```
static inline void iov_iter_init(struct iov_iter *i,  
    const struct iovec *iov, unsigned long nr_segs,
```

diff --git a/mm/filemap.c b/mm/filemap.c

index 83efee7..24a7ea5 100644

--- a/mm/filemap.c

+++ b/mm/filemap.c

```
@@ -2056,7 +2056,7 @@ EXPORT_SYMBOL(iov_iter_fault_in_readable);  
/*  
 * Return the count of just the current iov_iter segment.  
 */
```

```
-size_t iov_iter_single_seg_count(struct iov_iter *i)
```

```
+size_t iov_iter_single_seg_count(const struct iov_iter *i)
```

```
{  
    const struct iovec *iov = i->iov;  
    if (i->nr_segs == 1)
```