

static [**sector\_t**](https://elixir.bootlin.com/linux/v3.4/ident/sector_t) [**\_efs\_bmap**](https://elixir.bootlin.com/linux/v3.4/ident/_efs_bmap)(struct [**address\_space**](https://elixir.bootlin.com/linux/v3.4/ident/address_space) \*[**mapping**](https://elixir.bootlin.com/linux/v3.4/ident/mapping), [**sector\_t**](https://elixir.bootlin.com/linux/v3.4/ident/sector_t) [**block**](https://elixir.bootlin.com/linux/v3.4/ident/block))

{

[**return**](https://elixir.bootlin.com/linux/v3.4/ident/return) [**generic\_block\_bmap**](https://elixir.bootlin.com/linux/v3.4/ident/generic_block_bmap)([**mapping**](https://elixir.bootlin.com/linux/v3.4/ident/mapping),[**block**](https://elixir.bootlin.com/linux/v3.4/ident/block),[**efs\_get\_block**](https://elixir.bootlin.com/linux/v3.4/ident/efs_get_block));

}

static const struct [**address\_space\_operations**](https://elixir.bootlin.com/linux/v3.4/ident/address_space_operations) [**efs\_aops**](https://elixir.bootlin.com/linux/v3.4/ident/efs_aops) = {

.readpage = [**efs\_readpage**](https://elixir.bootlin.com/linux/v3.4/ident/efs_readpage),

.[**bmap**](https://elixir.bootlin.com/linux/v3.4/ident/bmap) = [**\_efs\_bmap**](https://elixir.bootlin.com/linux/v3.4/ident/_efs_bmap)

};

[**inode**](https://elixir.bootlin.com/linux/v3.4/ident/inode)->i\_mapping->a\_ops = &[**bfs\_aops**](https://elixir.bootlin.com/linux/v3.4/ident/bfs_aops);

static int

[**blkdev\_get\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/blkdev_get_blocks)(struct [**inode**](https://elixir.bootlin.com/linux/v3.4/ident/inode) \*[**inode**](https://elixir.bootlin.com/linux/v3.4/ident/inode), [**sector\_t**](https://elixir.bootlin.com/linux/v3.4/ident/sector_t) [**iblock**](https://elixir.bootlin.com/linux/v3.4/ident/iblock),

struct [**buffer\_head**](https://elixir.bootlin.com/linux/v3.4/ident/buffer_head) \*[**bh**](https://elixir.bootlin.com/linux/v3.4/ident/bh), int [**create**](https://elixir.bootlin.com/linux/v3.4/ident/create))

{

[**sector\_t**](https://elixir.bootlin.com/linux/v3.4/ident/sector_t) end\_block = [**blkdev\_max\_block**](https://elixir.bootlin.com/linux/v3.4/ident/blkdev_max_block)([**I\_BDEV**](https://elixir.bootlin.com/linux/v3.4/ident/I_BDEV)([**inode**](https://elixir.bootlin.com/linux/v3.4/ident/inode)));

unsigned long [**max\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/max_blocks) = [**bh**](https://elixir.bootlin.com/linux/v3.4/ident/bh)->b\_size >> [**inode**](https://elixir.bootlin.com/linux/v3.4/ident/inode)->i\_blkbits;

if (([**iblock**](https://elixir.bootlin.com/linux/v3.4/ident/iblock) + [**max\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/max_blocks)) > end\_block) {

[**max\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/max_blocks) = end\_block - [**iblock**](https://elixir.bootlin.com/linux/v3.4/ident/iblock);

if ((long)[**max\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/max_blocks) <= 0) {

if ([**create**](https://elixir.bootlin.com/linux/v3.4/ident/create))

[**return**](https://elixir.bootlin.com/linux/v3.4/ident/return) -[**EIO**](https://elixir.bootlin.com/linux/v3.4/ident/EIO); */\* write fully beyond EOF \*/*

*/\**

*\* It is a read which is fully beyond EOF. We return*

*\* a !buffer\_mapped buffer*

*\*/*

[**max\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/max_blocks) = 0;

}

}

[**bh**](https://elixir.bootlin.com/linux/v3.4/ident/bh)->b\_bdev = [**I\_BDEV**](https://elixir.bootlin.com/linux/v3.4/ident/I_BDEV)([**inode**](https://elixir.bootlin.com/linux/v3.4/ident/inode));

[**bh**](https://elixir.bootlin.com/linux/v3.4/ident/bh)->b\_blocknr = [**iblock**](https://elixir.bootlin.com/linux/v3.4/ident/iblock);

[**bh**](https://elixir.bootlin.com/linux/v3.4/ident/bh)->b\_size = [**max\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/max_blocks) << [**inode**](https://elixir.bootlin.com/linux/v3.4/ident/inode)->i\_blkbits;

if ([**max\_blocks**](https://elixir.bootlin.com/linux/v3.4/ident/max_blocks))

set\_buffer\_mapped([**bh**](https://elixir.bootlin.com/linux/v3.4/ident/bh));

[**return**](https://elixir.bootlin.com/linux/v3.4/ident/return) 0;

}