

```

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stringstyle=purple,
keywordstyle=blue,
commentstyle=olive,
directivestyle=blue,
frame=shadowbox,
rulesepcolor=red!20!green!20!blue!20
]
    SYSCALL_DEFINE5(mount, char _user*, dev_name, char _user*, dir_name, char _user*, type, unsigned long, flags, void _user*, data) int ret; char *kernel_type;
    kernel_type =
copy_mount_string(type); ret =
PTR_ERR(kernel_type); if(IS_ERR(kernel_type)) goto out_type;
    kernel_dev =
copy_mount_string(dev_name); ret =
PTR_ERR(kernel_dev); if(IS_ERR(kernel_dev)) goto out_dev;
    ret
=
copy_mount_options(data, data_page); if(ret <
0) goto out_data;
    /*
do_mount*
/ret =
do_mount(kernel_dev, dir_name, kernel_type, flags, (void*)data_page);
    free_page(data_page); out_data :
kfree(kernel_dev); out_dev :
kfree(kernel_type); out_type :
return ret;

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]
include
<linux/fs.h>
extern
int
register_filesystem(struct file_system_type*); extern int unregister_filesystem(struct file_system_type*);

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    struct
file_system_type const char * name; /* */ int fs_flags; /* */ struct dentry * (*mount)(struct file_system_type*, int, const char*)
/*
Runtime
lock
*/
struct
lock_class_key lock_key; struct lock_class_key umount_key; struct lock_class_key vfs_rename_key; struct lock_class_key writers_key;
    struct
lock_class_key i_lock_key; struct lock_class_key i_mutex_key; struct lock_class_key i_mutex_dir_key;

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]
    struct
super_block struct list_head s_list; /* super_block */ dev_t s_dev; /* */ unsigned char s_blocksize_bits; /* */ unsigned long s_blocksize
    struct
hlist_bl_head s_anon; /*

```