

Υποβολή 5ης Άσκησης

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Ερώτημα Α

Λίστα τροποποιηθέντων αρχείων

/usr/src/include/minix/callnr.h
/usr/src/servers/vfs/proto.h
/usr/src/servers/vfs/table.c
/usr/src/servers/vfs/stadir.c

Τροποποιήσεις

/usr/src/include/minix/callnr.h

Line	Code
68	#define FINODE 69

/usr/src/servers/vfs/proto.h

Line	Code
147	int do_finode(void);

/usr/src/servers/vfs/table.c

Line	code
87	/usr/src/servers/vfs/table.c

/usr/src/servers/vfs/stadir.c

Lines: 337 – 376

Code

```
int do_finode(void)
{
    struct vnode *vp;
    struct vmnt *vmp;
    char fullpath[PATH_MAX];
    struct lookup resolve;
    int old_stat = 0;
```

```

vir_bytes vname1;
size_t vname1_length;

vname1 = (vir_bytes) job_m_in.name1;
vname1_length = (size_t) job_m_in.name1_length;

lookup_init(&resolve, fullpath, PATH_NOFLAGS, &vmp, &vp);
resolve.l_vmnt_lock = VMNT_READ;
resolve.l_vnode_lock = VNODE_READ;

if (fetch_name(vname1 , vname1_length, fullpath) != OK){
printf("inode: -\n");
return(err_code);
}
if ((vp = eat_path(&resolve, fp)) == NULL){
printf("inode: -\n");
return(err_code);
}
unlock_vnode(vp);
unlock_vmnt(vmp);

put_vnode(vp);
int inode = vp->v_inode_nr;
printf("inode: %d\n", inode);

return 0;
}

```

Screenshots αποτελεσμάτων

```

-bash-4.2# ./bench bench.c
inode: 64
-bash-4.2# ./bench /root/bench.c
inode: 64
-bash-4.2# ./bench /usr/src/servers/vfs/table.c
inode: 18951
-bash-4.2# ./bench /usr/src/servers/vfs/kati
inode: -
-bash-4.2# ./bench nothing
inode: -
-bash-4.2# ./bench file
inode: -

```