

NAME

getgrouplist - calculate group access list

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

```
#include <unistd.h>
```

int

```
getgrouplist(const char *name, gid_t basegid, gid_t *groups, int *ngroups);
```

DESCRIPTION

The **getgrouplist**() function reads through the group file and calculates the group access list for the user specified in *name*. The *basegid* is automatically included in the groups list. Typically this value is given as the group number from the password file.

The resulting group list is returned in the array pointed to by *groups*. The caller specifies the size of the *groups* array in the integer pointed to by *ngroups*; the actual number of groups found is returned in *ngroups*.

RETURN VALUES

The **getgrouplist**() function returns 0 on success and -1 if the size of the group list is too small to hold all the user's groups. Here, the group array will be filled with as many groups as will fit.

FILES

/etc/group group membership list

SEE ALSO

setgroups(2), initgroups(3)

HISTORY

The **getgrouplist**() function first appeared in 4.4BSD.