NAME

initgroups − initialize the supplementary group access list

SYNOPSIS

#include <sys/types.h>
#include <grp.h>

int initgroups(const char **user***, gid_t** *group***);**

Feature Test Macro Requirements for glibc (see **feature_test_macros**(7)):

initgroups():
    Since glibc 2.19:
        _DEFAULT_SOURCE
    Glibc 2.19 and earlier:
        _BSD_SOURCE

DESCRIPTION

The **initgroups**() function initializes the group access list by reading the group database */etc/group* and using all groups of which *user* is a member. The additional group *group* is also added to the list.

The *user* argument must be non-NULL.

RETURN VALUE

The **initgroups**() function returns 0 on success. On error, −1 is returned, and *errno* is set appropriately.

ERRORS

ENOMEM
        Insufficient memory to allocate group information structure.

EPERM
        The calling process has insufficient privilege. See the underlying system call **setgroups**(2).

FILES

/etc/group
        group database file

ATTRIBUTES

For an explanation of the terms used in this section, see **attributes**(7).

Interface	Attribute	Value
initgroups()	Thread safety	MT-Safe locale

CONFORMING TO

SVr4, 4.3BSD.

SEE ALSO

getgroups(2), **setgroups**(2), **credentials**(7)

COLOPHON

This page is part of release 5.05 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at https://www.kernel.org/doc/man−pages/.