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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'initgroups.3' command**

### **\$ man initgroups.3**

INITGROUPS(3)      Linux Programmer's Manual      INITGROUPS(3)

#### 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 under?

lying system call setgroups(2).

FILES

/etc/group

group database file

ATTRIBUTES

For an explanation of the terms used in this section, see at?

tributes(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 5.10 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/>.