

**NAME**

**initgroups** - initialize group access list

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

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

*int*

```
initgroups(const char *name, gid_t basegid);
```

**DESCRIPTION**

The **initgroups**() function uses the **getgrouplist**(3) function to calculate the group access list for the user specified in *name*. This group list is then setup for the current process using **setgroups**(2). The *basegid* is automatically included in the groups list. Typically this value is given as the group number from the password file.

**RETURN VALUES**

The **initgroups**() function returns the value 0 if successful; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

**ERRORS**

The **initgroups**() function may fail and set *errno* for any of the errors specified for the library function **setgroups**(2). It may also return:

[ENOMEM]           The **initgroups**() function was unable to allocate temporary storage.

**SEE ALSO**

**setgroups**(2), **getgrouplist**(3)

**HISTORY**

The **initgroups**() function appeared in 4.2BSD.