

Op:grp.h

grp.h - group structure

```
#include <grp.h>
```

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DESCRIPTION

The `<grp.h>` header shall declare the structure `group` which shall include the following members:

```
char    *gr_name  The name of the group.  
gid_t   gr_gid    Numerical group ID.  
char    **gr_mem  Pointer to a null-terminated array of character  
                pointers to member names.
```

The `gid_t` type shall be defined as described in `<sys/types.h>` .

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided.

```
struct group *getgrgid(gid_t);  
struct group *getgrnam(const char *);  
  
int          getgrgid_r(gid_t, struct group *, char *,  
                        size_t, struct group **);  
int          getgrnam_r(const char *, struct group *, char *,  
                        size_t , struct group **);  
  
struct group *getgrent(void);  
void         endgrent(void);
```

`void setgrent(void);`

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

RELATED

`<sys/types.h>` , the System Interfaces volume of IEEE Std 1003.1-2001, `endgrent()`, `getgrgid()`, `getgrnam()`

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