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get the effective group ID

Prolog

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

Synopsis

#include <unistd.h>

gid_t getegid(void);

Description

The *getegid*() function shall return the effective group ID of the calling process. The *getegid*() function shall not modify *errno*.

Return Value

The *getegid*() function shall always be successful and no return value is reserved to indicate an error.

Errors

No errors are defined.

The following sections are informative.

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None.

Application Usage

None.

Rationale

In a conforming environment, *getegid*() will always succeed. It is possible for implementations to provide an extension where a process in a non-conforming environment will not be associated with a user or group ID. It is recommended that such implementations return (**gid_t**)-1 and set *errno* to indicate such an environment; doing so does not violate this standard, since such an environment is already an extension.

Future Directions

None.

See Also

geteuid(), getgid(), getuid(), setegid(), seteuid(), setgid(), setregid(), setreuid(), setuid()

The Base Definitions volume of POSIX.1-2017, <sys_types.h>, <unistd.h>

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most likely to have been introduced during the conversion of the source
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https://www.kernel.org/doc/man-pages/reporting_bugs.html .

Referenced By

geteuid(3p), getgid(3p), getgroups(3p), getuid(3p), setegid(3p),

seteuid(3p), setgid(3p), setregid(3p), setreuid(3p), setuid(3p),

unistd.h(0p).

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