

explain_getpgid_or_die(3)

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NAME

explain_getpgid_or_die – get process group and report errors

SYNOPSIS

```
#include <libexplain/getpgid.h>

pid_t explain_getpgid_or_die(pid_t pid);
pid_t explain_getpgid_on_error(pid_t pid);
```

DESCRIPTION

The **explain_getpgid_or_die** function is used to call the *getpgid(2)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_getpgid(3)* function, and then the process terminates by calling `exit(EXIT_FAILURE)`.

The **explain_getpgid_on_error** function is used to call the *getpgid(2)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_getpgid(3)* function, but still returns to the caller.

pid The pid, exactly as to be passed to the *getpgid(2)* system call.

RETURN VALUE

The **explain_getpgid_or_die** function only returns on success, see *getpgid(2)* for more information. On failure, prints an explanation and exits, it does not return.

The **explain_getpgid_on_error** function always returns the value return by the wrapped *getpgid(2)* system call.

EXAMPLE

The **explain_getpgid_or_die** function is intended to be used in a fashion similar to the following example:

```
pid_t result = explain_getpgid_or_die(pid);
```

SEE ALSO

getpgid(2)
 get process group

explain_getpgid(3)
 explain *getpgid(2)* errors

exit(2) terminate the calling process

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