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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'posix\_spawnattr\_getpgroup.3p' command**

**\$ man posix\_spawnattr\_getpgroup.3p**

POSIX\_SPAWNATTR\_GETPGROUP(3POSIX Programmer's ManPOSIX\_SPAWNATTR\_GETPGROUP(3P)

### 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.

### NAME

posix\_spawnattr\_getpgroup, posix\_spawnattr\_setpgroup ? get and set the spawn-pgroup attribute of a spawn attributes object (ADVANCED REALTIME)

### SYNOPSIS

```
#include <spawn.h>

int posix_spawnattr_getpgroup(const posix_spawnattr_t *restrict attr,
    pid_t *restrict pgroup);

int posix_spawnattr_setpgroup(posix_spawnattr_t *attr, pid_t pgroup);
```

### DESCRIPTION

The `posix_spawnattr_getpgroup()` function shall obtain the value of the `spawn-pgroup` attribute from the attributes object referenced by `attr`.

The `posix_spawnattr_setpgroup()` function shall set the `spawn-pgroup` attribute in an initialized attributes object referenced by `attr`.

The `spawn-pgroup` attribute represents the process group to be joined by the new process image in a spawn operation (if `POSIX_SPAWN_SETPGROUP` is set in the `spawn-flags` attribute). The default value of this attribute shall be zero.

## RETURN VALUE

Upon successful completion, `posix_spawnattr_getpgroup()` shall return zero and store the value of the `spawn-pgroup` attribute of `attr` into the object referenced by the `pgroup` parameter; otherwise, an error number shall be returned to indicate the error.

Upon successful completion, `posix_spawnattr_setpgroup()` shall return zero; otherwise, an error number shall be returned to indicate the error.

## ERRORS

These functions may fail if:

**EINVAL** The value specified by `attr` is invalid.

The `posix_spawnattr_setpgroup()` function may fail if:

**EINVAL** The value of the attribute being set is not valid.

The following sections are informative.

## EXAMPLES

None.

## APPLICATION USAGE

These functions are part of the `Spawn` option and need not be provided on all implementations.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

`posix_spawn()`, `posix_spawnattr_destroy()`, `posix_spawnattr_getsigdefault()`, `posix_spawnattr_getflags()`, `posix_spawnattr_getschedparam()`, `posix_spawnattr_getschedpolicy()`, `posix_spawnattr_getsigmask()`

The Base Definitions volume of POSIX.1-2017, `<spawn.h>`

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