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

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

POSIX\_SPAWNATTR\_GETFLAGS(3P) POSIX Programmer's Manual POSIX\_SPAWNATTR\_GETFLAGS(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\_getflags, posix\_spawnattr\_setflags ? get and set the spawn-flags attribute of a spawn attributes object (ADVANCED REALTIME)

### SYNOPSIS

```
#include <spawn.h>

int posix_spawnattr_getflags(const posix_spawnattr_t *restrict attr,
    short *restrict flags);

int posix_spawnattr_setflags(posix_spawnattr_t *attr, short flags);
```

### DESCRIPTION

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

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

The `spawn-flags` attribute is used to indicate which process attributes are to be changed in the new process image when invoking `posix_spawn()` or `posix_spawnp()`. It is the bitwise-inclusive OR of zero or more of the following flags:

POSIX\_SPAWN\_RESETIDS  
POSIX\_SPAWN\_SETPGROUP  
POSIX\_SPAWN\_SETSIGDEF  
POSIX\_SPAWN\_SETSIGMASK  
POSIX\_SPAWN\_SETSCHEDPARAM  
POSIX\_SPAWN\_SETSCHEDULER

These flags are defined in <spawn.h>. The default value of this attribute shall be as if no flags were set.

#### RETURN VALUE

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

Upon successful completion, `posix_spawnattr_setflags()` 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_setflags()` 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_getsigdef?`

fault(), posix\_spawnattr\_getpgroup(), posix\_spawnattr\_getschedparam(),  
posix\_spawnattr\_getschedpolicy(), posix\_spawnattr\_getsigmask()

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

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