

NAME

posix_spawnattr_getflags, **posix_spawnattr_setflags** - get and set the spawn-flags attribute of a spawn attributes object

LIBRARY

Standard C Library (libc, -lc)

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 obtains the value of the spawn-flags attribute from the attributes object referenced by *attr*.

The **posix_spawnattr_setflags()** function sets 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_spawnnp()**. It is the bitwise-inclusive OR of zero or more of the following flags (see **posix_spawn()**):

POSIX_SPAWN_RESETIDS

POSIX_SPAWN_SETPGROUP

POSIX_SPAWN_SETSIGDEF

POSIX_SPAWN_SETSIGMASK

POSIX_SPAWN_SETSCHEDPARAM

POSIX_SPAWN_SETSCHEDULER

POSIX_SPAWN_DISABLE_ASLR_NP

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

RETURN VALUES

The **posix_spawnattr_getflags()** function returns zero. The **posix_spawnattr_setflags()** function returns zero on success, and EINVAL on failure due to invalid flag specified.

SEE ALSO

posix_spawn(3), posix_spawnattr_destroy(3), posix_spawnattr_init(3), posix_spawnnp(3)

STANDARDS

The **posix_spawnattr_getflags()** and **posix_spawnattr_setflags()** functions conform to IEEE Std 1003.1-2001 ("POSIX.1").

HISTORY

The **posix_spawnattr_getflags()** and **posix_spawnattr_setflags()** functions first appeared in FreeBSD 8.0.

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