

**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

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()** and **posix\_spawnattr\_setflags()** functions return zero.

**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.

**AUTHORS**

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