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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'posix_spawnattr_getsigmask.3p' command

\$ man posix_spawnattr_getsigmask.3p

POSIX_SPAWNATTR_GETSIGMASK(POSIX Programmer's Manual: POSIX_SPAWNATTR_GETSIGMASK(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_getsigmask, posix_spawnattr_setsigmask ? get and set the spawn-sigmask attribute of a spawn attributes object (ADVANCED RE? ALTIME)

SYNOPSIS

```
#include <signal.h>
#include <spawn.h>
int posix_spawnattr_getsigmask(const posix_spawnattr_t *restrict attr,
    sigset_t *restrict sigmask);
int posix_spawnattr_setsigmask(posix_spawnattr_t *restrict attr,
    const sigset_t *restrict sigmask);
```

DESCRIPTION

The posix_spawnattr_getsigmask() function shall obtain the value of the spawn-sigmask attribute from the attributes object referenced by attr.

The posix_spawnattr_setsigmask() function shall set the spawn-sigmask attribute in an initialized attributes object referenced by attr.

The spawn-sigmask attribute represents the signal mask in effect in the

new process image of a spawn operation (if `POSIX_SPAWN_SETSIGMASK` is set in the `spawn-flags` attribute). The default value of this attribute is unspecified.

RETURN VALUE

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

Upon successful completion, `posix_spawnattr_setsigmask()` 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_setsigmask()` 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_getsigde? fault()`, `posix_spawnattr_getflags()`, `posix_spawnattr_getpgroup()`, `posix_spawnattr_getschedparam()`, `posix_spawnattr_getschedpolicy()`

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

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