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

\$ man posix_spawnattr_getsigdefault.3p

POSIX_SPAWNATTR_GETSIGDEFAUPOSIX)Programmer'sPOSIX_SPAWNATTR_GETSIGDEFAULT(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_getsigdefault, posix_spawnattr_setsigdefault ? get and set the spawn-sigdefault attribute of a spawn attributes object (AD?

VANCED REALTIME)

SYNOPSIS

```
#include <signal.h>
```

```
#include <spawn.h>
```

```
int posix_spawnattr_getsigdefault(const posix_spawnattr_t
```

```
    *restrict attr, sigset_t *restrict sigdefault);
```

```
int posix_spawnattr_setsigdefault(posix_spawnattr_t *restrict attr,
```

```
    const sigset_t *restrict sigdefault);
```

DESCRIPTION

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

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

The `spawn-sigdefault` attribute represents the set of signals to be forced to default signal handling in the new process image (if `POSIX_SPAWN_SETSIGDEF` is set in the `spawn-flags` attribute) by a `spawn` operation. The default value of this attribute shall be an empty signal set.

RETURN VALUE

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

Upon successful completion, `posix_spawnattr_setsigdefault()` 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_setsigdefault()` 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_getflags()`,
`posix_spawnattr_getpgroup()`, `posix_spawnattr_getschedparam()`,
`posix_spawnattr_getschedpolicy()`, `posix_spawnattr_getsigmask()`

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

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IEEE/The Open Group 2017 POSIX_SPAWNATTR_GETSIGDEFAULT(3P)