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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sched\_getparam.3p' command**

**\$ man sched\_getparam.3p**

SCHED\_GETPARAM(3P)      POSIX Programmer's Manual      SCHED\_GETPARAM(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

sched\_getparam ? get scheduling parameters (REALTIME)

### SYNOPSIS

```
#include <sched.h>

int sched_getparam(pid_t pid, struct sched_param *param);
```

### DESCRIPTION

The sched\_getparam() function shall return the scheduling parameters of a process specified by pid in the sched\_param structure pointed to by param.

If a process specified by pid exists, and if the calling process has permission, the scheduling parameters for the process whose process ID is equal to pid shall be returned.

If pid is zero, the scheduling parameters for the calling process shall be returned. The behavior of the sched\_getparam() function is unspecified if the value of pid is negative.

### RETURN VALUE

Upon successful completion, the sched\_getparam() function shall return

zero. If the call to `sched_getparam()` is unsuccessful, the function shall return a value of -1 and set `errno` to indicate the error.

## ERRORS

The `sched_getparam()` function shall fail if:

**EPERM** The requesting process does not have permission to obtain the scheduling parameters of the specified process.

**ESRCH** No process can be found corresponding to that specified by `pid`.

The following sections are informative.

## EXAMPLES

None.

## APPLICATION USAGE

None.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

`sched_getscheduler()`, `sched_setparam()`, `sched_setscheduler()`

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

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