



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

\$ man sched_rr_get_interval.3p

SCHED_RR_GET_INTERVAL(3P) POSIX Programmer's Manual SCHED_RR_GET_INTERVAL(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_rr_get_interval ? get execution time limits (REALTIME)

SYNOPSIS

```
#include <sched.h>

int sched_rr_get_interval(pid_t pid, struct timespec *interval);
```

DESCRIPTION

The sched_rr_get_interval() function shall update the timespec structure referenced by the interval argument to contain the current execution time limit (that is, time quantum) for the process specified by pid. If pid is zero, the current execution time limit for the calling process shall be returned.

RETURN VALUE

If successful, the sched_rr_get_interval() function shall return zero. Otherwise, it shall return a value of -1 and set errno to indicate the error.

ERRORS

The sched_rr_get_interval() function shall fail if:

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_getparam()`, `sched_get_priority_max()`, `sched_getscheduler()`,
`sched_setparam()`, `sched_setscheduler()`

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

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