

Realtime Library Functions sched_get_priority_max(3RT)

NAME

 sched_get_priority_max, sched_get_priority_min
 get scheduling parameter limits

SYNOPSIS

```
cc [ flag... ] file... -lrt [ library... ]
#include <sched.h>
```

```
int sched_get_priority_max(int policy);
```

```
int sched_get_priority_min(int policy);
```

DESCRIPTION

The sched_get_priority_max() and sched_get_priority_min() functions return the appropriate maximum or minimum, respectfully, for the scheduling policy specified by policy.

The value of policy is one of the scheduling policy values defined in <sched.h>.

RETURN VALUES

If successful, the sched_get_priority_max() and sched_get_priority_min() functions return the appropriate maximum or minimum values, respectively. If unsuccessful, they return -1 and set errno to indicate the error.

ERRORS

The sched_get_priority_max() and sched_get_priority_min() functions will fail if:

EINVAL

The value of the policy parameter does not represent a defined scheduling policy.

ENOSYS

The sched_get_priority_max(), sched_get_priority_min() and sched_rr_get_interval(3RT) functions are not supported by the system.

ATTRIBUTES

See attributes(5) for descriptions of the following attributes:

ATTRIBUTE TYPE	ATTRIBUTE VALUE
Interface Stability	Standard
MT-Level	MT-Safe

SEE ALSO

librt(3LIB), sched(3HEAD), sched_getparam(3RT),
 sched_setparam(3RT), sched_getscheduler(3RT),
 sched_rr_get_interval(3RT), sched_setscheduler(3RT),
 time(3HEAD), attributes(5)

NOTES

Solaris 2.6 was the first release to support libposix4/librt. Prior to this release, this function always returned -1 and set errno to ENOSYS.

SunOS 5.9

Last change: 5 Oct 2001