

NAME

idle – make process 0 idle

SYNOPSIS

```
#include <unistd.h>
```

```
[[deprecated]] int idle(void);
```

DESCRIPTION

idle() is an internal system call used during bootstrap. It marks the process's pages as swappable, lowers its priority, and enters the main scheduling loop. **idle()** never returns.

Only process 0 may call **idle()**. Any user process, even a process with superuser permission, will receive **EPERM**.

RETURN VALUE

idle() never returns for process 0, and always returns **-1** for a user process.

ERRORS**EPERM**

Always, for a user process.

STANDARDS

Linux.

HISTORY

Removed in Linux 2.3.13.