

NAME

setup – setup devices and filesystems, mount root filesystem

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

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

```
int setup(void);
```

DESCRIPTION

setup() is called once from within *linux/init/main.c*. It calls initialization functions for devices and filesystems configured into the kernel and then mounts the root filesystem.

No user process may call **setup()**. Any user process, even a process with superuser permission, will receive **EPERM**.

RETURN VALUE

setup() always returns -1 for a user process.

ERRORS

EPERM

Always, for a user process.

VERSIONS

Since Linux 2.1.121, no such function exists anymore.

STANDARDS

This function is Linux-specific, and should not be used in programs intended to be portable, or indeed in any programs at all.

NOTES

The calling sequence varied: at some times **setup()** has had a single argument *void *BIOS* and at other times a single argument *int magic*.