**NAME**

    setup − setup devices and file systems, mount root file system

**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 file systems configured into the kernel and then mounts the root file system.

    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.

**CONFORMING TO**

    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*.

**COLOPHON**

    This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at http://www.kernel.org/doc/man-pages/.