NAME
    linsysfs - Linux kernel objects file system

SYNOPSIS
    linsys   /compat/linux/sys   linsysfs   rw 0 0

DESCRIPTION
    The Linux system file system, or **linsysfs**, emulates a subset of the Linux sys file system and is required
    for the complete operation of some Linux binaries.

    The **linsysfs** provides a two-level view of devices. At the highest level, PCI devices themselves are
    named, according to their bus, slot and function in the system hierarchy. PCI storage devices are listed
    in the *scsi_host* class with a device symlink to the PCI directories of the devices.

    Each device node is a directory containing some files and directories:

    host   A place holder for storage host information.

    pci_id
            A directory for the *pci_id* that contains either the device information or another directory
            structure for a PCI bridge.

    Each host node of scsi_host is a directory containing some files and directories:

    proc_name The Linux registered driver name for these devices.

    device   A symlink to the PCI device directory.

FILES
    /compat/linux/sys   The normal mount point for **linsysfs**.
    /compat/linux/sys/class/scsi_host   The storage host node.
    /compat/linux/sys/devices/pci0000:00 The PCI device hierarchy node.

EXAMPLES
    The most common usage follows:

        mount -t linsysfs linsys /compat/linux/sys

    where */compat/linux/sys* is a mount point.

SEE ALSO

nmount(2), unmount(2), linux(4), linprocfs(5), pseudofs(9)

HISTORY

The **linsysfs** driver first appeared in FreeBSD 6.2.

AUTHORS

The **linsysfs** driver was derived from **linprocfs** by Doug Ambrisko. This manual page was edited by Doug Ambrisko, based on the linprocfs(5) manual page by Garrett Wollman.