

**NAME**

**gethostid**, **sethostid** - get/set unique identifier of current host

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

**#include** <unistd.h>

*long*

**gethostid**(*void*);

*void*

**sethostid**(*long hostid*);

**DESCRIPTION**

The **sethostid**() function establishes a 32-bit identifier for the current processor that is intended to be unique among all UNIX systems in existence. This is normally a DARPA Internet address for the local machine. This call is allowed only to the super-user and is normally performed at boot time.

The **gethostid**() function returns the 32-bit identifier for the current processor.

This function has been deprecated. The hostid should be set or retrieved by use of sysctl(3).

**SEE ALSO**

gethostname(3), sysctl(3), sysctl(8)

**HISTORY**

The **gethostid**() and **sethostid**() syscalls appeared in 4.2BSD and were dropped in 4.4BSD.

**BUGS**

32 bits for the identifier is too small.