

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.