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get name of current host

Prolog

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

Synopsis

#include <unistd.h>

int gethostname(char *name, size_t namelen);

Description

The *gethostname*() function shall return the standard host name for the current machine. The *namelen* argument shall specify the size of the array pointed to by the *name* argument. The returned name shall be null-terminated, except that if *namelen* is an insufficient length to hold the host name, then the returned name shall be truncated and it is unspecified whether the returned name is null-terminated.

Host names are limited to {HOST_NAME_MAX} bytes.

Return Value

Upon successful completion, 0 shall be returned; otherwise, -1 shall be returned.

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No errors are defined.

The following sections are informative.

Examples

None.

Application Usage

None.

Rationale

None.

Future Directions

None.

See Also

gethostid(), uname()

The Base Definitions volume of POSIX.1-2017, <unistd.h>

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Referenced By

unistd.h(0p).

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