NAME
clearenv - clear the environment

SYNOPSIS
#include <stdlib.h>

int clearenv(void);

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

clearenv(): _SVID_SOURCE || _BSD_SOURCE

DESCRIPTION
The **clearenv**() function clears the environment of all name-value pairs and sets the value of the external variable *environ* to NULL.

RETURN VALUE
The **clearenv**() function returns zero on success, and a nonzero value on failure.

VERSIONS
Available since glibc 2.0.

CONFORMING TO
Various UNIX variants (DG/UX, HP-UX, QNX, ...). POSIX.9 (bindings for FORTRAN77). POSIX.1-1996 did not accept **clearenv**() and putenv(3), but changed its mind and scheduled these functions for some later issue of this standard (cf. B.4.6.1). However, POSIX.1-2001 adds only putenv(3), and rejected **clearenv**().

NOTES
Used in security-conscious applications. If it is unavailable the assignment

environ = NULL;

will probably do.

The DG/UX and Tru64 man pages write: If *environ* has been modified by anything other than the putenv(3), getenv(3), or **clearenv**() functions, then **clearenv**() will return an error and the process environment will remain unchanged.

SEE ALSO
getenv(3), putenv(3), setenv(3), unsetenv(3), environ(7)

COLOPHON
This page is part of release 3.74 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at http://www.kernel.org/doc/man-pages/.