NAME
setuid - set-user-ID

SYNOPSIS

#include <sys/types.h>
#include <unistd.h>

int setuid(uid_t uid);

DESCRIPTION
If the process has appropriate privileges, setuid() sets the real user ID, effective user ID,
and the saved set-user-ID to uid.
If the process does not have appropriate privileges, but uid is equal to the real user ID or
the saved set-user-ID, setuid() sets the effective user ID to uid; the real user ID and saved
set-user-ID remain unchanged.

RETURN VALUE
Upon successful completion, 0 is returned. Otherwise, -1 is returned and errno is set to
indicate the error.

ERRORS
The setuid() function will fail and return -1 and set errno to the corresponding value if
one or more of the following are true:
[EINVAL]
The value of the uid argument is invalid and not supported by the implementation.
[EPERM]
The process does not have appropriate privileges and uid does not match the real user ID
or the saved set-user-ID.

EXAMPLES
None.

APPLICATION USAGE
None.

FUTURE DIRECTIONS
None.

SEE ALSO
exec, geteuid(), getuid(), setgid(), <sys/types.h>, <unistd.h>.

DERIVATION
Derived from Issue 1 of the SVID.

UNIX ® is a registered Trademark of The Open Group.
Copyright © 1997 The Open Group