NAME

setauid - set audit session ID

SYNOPSIS

#include <bsm/audit.h>

int
setauid(*au_id_t *auid*);

DESCRIPTION

The **setauid**() system call sets the active audit session ID for the current process from the *au_id_t* pointed to by *auid*.

This system call requires an appropriate privilege to complete.

RETURN VALUES

Upon successful completion, the value 0 is returned; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

ERRORS

The **setauid**() function will fail if:

[EFAULT]   A failure occurred while data transferred to the kernel failed.

[EPERM]   The process does not have sufficient permission to complete the operation.

SEE ALSO

audit(2), auditon(2), getaudit(2), getaudit_addr(2), getauid(2), setaudit(2), setaudit_addr(2), libbsm(3)

HISTORY

The OpenBSM implementation was created by McAfee Research, the security division of McAfee Inc., under contract to Apple Computer Inc. in 2004. It was subsequently adopted by the TrustedBSD Project as the foundation for the OpenBSM distribution.

AUTHORS

This software was created by McAfee Research, the security research division of McAfee, Inc., under contract to Apple Computer Inc. Additional authors include Wayne Salamon, Robert Watson, and SPARTA Inc.

The Basic Security Module (BSM) interface to audit records and audit event stream format were defined

by Sun Microsystems.

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