NAME

cr_canseeotheruids - determine if subjects may see entities with differing user ID

SYNOPSIS

int
cr_canseeotheruids(*struct ucred *u1*, *struct ucred *u2*);

DESCRIPTION

This function is internal. Its functionality is integrated into the function cr_bsd_visible(9), which should be called instead.

This function checks if a subject associated to credentials *u1* is denied seeing a subject or object associated to credentials *u2* by a policy that requires both credentials to have the same real user ID.

This policy is active if and only if the sysctl(8) variable *security.bsd.see_other_uids* is set to zero.

As usual, the superuser (effective user ID 0) is exempt from this policy provided that the sysctl(8) variable *security.bsd.suser_enabled* is non-zero and no active MAC policy explicitly denies the exemption (see priv_check_cred(9)).

RETURN VALUES

The **cr_canseeotheruids**() function returns 0 if the policy is disabled, both credentials have the same real user ID, or if *u1* has privilege exempting it from the policy. Otherwise, it returns ESRCH.

SEE ALSO

cr_bsd_visible(9), priv_check_cred(9)