

NAME

cr_cansee - determine visibility of objects given their user credentials

SYNOPSIS

```
#include <sys/proc.h>
```

int

```
cr_cansee(struct ucred *u1, struct ucred *u2);
```

DESCRIPTION

This function determines if a subject with credential *u1* can see a subject or object associated to credential *u2*.

Specific types of subjects may need to submit to additional or different restrictions. As an example, for processes, see `p_cansee(9)`, which calls this function.

The implementation relies on `cr_bsd_visible(9)` and consequently the `sysctl(8)` variables referenced in its manual page influence the result.

RETURN VALUES

This function returns zero if the subject with credential *u1* can "see" the subject or object with credential *u2*, or `ESRCH` otherwise.

ERRORS

- [`ESRCH`] The subject with credential *u1* has been jailed and the subject or object with credential *u2* does not belong to the same jail or one of its sub-jails, as determined by `prison_check(9)`.
- [`ESRCH`] The MAC subsystem denied visibility.
- [`ESRCH`] `cr_bsd_visible(9)` denied visibility according to the BSD security policies in force.

SEE ALSO

`prison_check(9)`, `mac(9)`, `cr_bsd_visible(9)`, `p_cansee(9)`