splint main.c -I ../inc

Splint 3.1.2 --- 21 Feb 2021

main.c: (in function userlogin)

main.c:43:23: Possibly null storage pUser passed as non-null param:

fread (pUser, ...)

A possibly null pointer is passed as a parameter corresponding to a formal

parameter with no /\*@null@\*/ annotation. If NULL may be used for this

parameter, add a /\*@null@\*/ annotation to the function parameter declaration.

(Use -nullpass to inhibit warning)

main.c:18:12: Storage pUser may become null

main.c:82:29: Arrow access from possibly null pointer pUser: pUser->username

A possibly null pointer is dereferenced. Value is either the result of a

function which may return null (in which case, code should check it is not

null), or a global, parameter or structure field declared with the null

qualifier. (Use -nullderef to inhibit warning)

main.c:18:12: Storage pUser may become null

main.c:85:6: Return value (type size\_t) ignored: fwrite(pUser, si...

Result returned by function call is not used. If this is intended, can cast

result to (void) to eliminate message. (Use -retvalother to inhibit warning)

main.c:103:9: Variable fp used before definition

An rvalue is used that may not be initialized to a value on some execution

path. (Use -usedef to inhibit warning)

main.c:103:2: Return value (type int) ignored: fclose(fp)

Result returned by function call is not used. If this is intended, can cast

result to (void) to eliminate message. (Use -retvalint to inhibit warning)

main.c:104:17: Function returns with global pUser referencing released storage

A global variable does not satisfy its annotations when control is

transferred. (Use -globstate to inhibit warning)

main.c:102:8: Storage pUser released

main.c:104:17: Function returns with non-null global pUser referencing null

storage

main.c:18:12: Storage pUser may become null

main.c:6:3: Variable exported but not used outside main: pUser

A declaration is exported, but not used outside this module. Declaration can

use static qualifier. (Use -exportlocal to inhibit warning)

Finished checking --- 8 code warnings