preethi@INLEN6239004830:~/project$ splint sesb2.c

Splint 3.1.2 --- 20 Feb 2018

sesb2.c:8:31: Function parameter ss declared as manifest array (size constant

is meaningless)

A formal parameter is declared as an array with size. The size of the array

is ignored in this context, since the array formal parameter is treated as a

pointer. (Use -fixedformalarray to inhibit warning)

sesb2.c: (in function s\_output1)

sesb2.c:12:3: Return value (type int) ignored: fputc(ch, fw)

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)

sesb2.c:16:31: Function parameter aaaa declared as manifest array (size

constant is meaningless)

sesb2.c: (in function s\_output2)

sesb2.c:20:3: Return value (type int) ignored: fputc(ch, fx)

sesb2.c: (in function s\_output3)

sesb2.c:27:3: Return value (type int) ignored: fputs(aaa[i], fd)

sesb2.c: (in function main)

sesb2.c:34:12: Initializer block for s has 1 element, but declared as char [6]:

0

Initializer does not define all elements of a declared array. (Use

-initallelements to inhibit warning)

sesb2.c:34:13: Initial value of s[0] is type int, expects char: 0

Types are incompatible. (Use -type to inhibit warning)

sesb2.c:35:12: Initializer block for r has 1 element, but declared as char [6]:

0

sesb2.c:35:13: Initial value of r[0] is type int, expects char: 0

sesb2.c:37:12: Initializer block for a has 1 element, but declared as char [6]:

0

sesb2.c:37:13: Initial value of a[0] is type int, expects char: 0

sesb2.c:38:12: Initializer block for c has 1 element, but declared as char [6]:

0

sesb2.c:38:13: Initial value of c[0] is type int, expects char: 0

sesb2.c:40:14: Initializer block for l2 has 1 element, but declared as char

[60]: 0

sesb2.c:40:15: Initial value of l2[0] is type int, expects char: 0

sesb2.c:41:14: Initializer block for aa has 1 element, but declared as char

[60]: 0

sesb2.c:41:15: Initial value of aa[0] is type int, expects char: 0

sesb2.c:42:14: Initializer block for cc has 1 element, but declared as char

[60]: 0

sesb2.c:42:15: Initial value of cc[0] is type int, expects char: 0

sesb2.c:80:14: Possibly null storage fp passed as non-null param: feof (fp)

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)

sesb2.c:57:5: Storage fp may become null

sesb2.c:80:9: Operand of ! is non-boolean (int): !feof(fp)

The operand of a boolean operator is not a boolean. Use +ptrnegate to allow !

to be used on pointers. (Use -boolops to inhibit warning)

sesb2.c:81:3: Assignment of int to char: e = fgetc(fp)

To make char and int types equivalent, use +charint.

sesb2.c:85:14: Possibly null storage fq passed as non-null param: feof (fq)

sesb2.c:58:5: Storage fq may become null

sesb2.c:85:9: Operand of ! is non-boolean (int): !feof(fq)

sesb2.c:86:3: Assignment of int to char: o = fgetc(fq)

sesb2.c:93:13: Initializer block for ss has 1 element, but declared as char

[6]: 0

sesb2.c:93:14: Initial value of ss[0] is type int, expects char: 0

sesb2.c:94:13: Initializer block for rr has 1 element, but declared as char

[6]: 0

sesb2.c:94:14: Initial value of rr[0] is type int, expects char: 0

sesb2.c:102:4: Assignment of int to char: s[i] = fgetc(fp)

sesb2.c:107:5: Assignment of int to char: r[l1] = fgetc(fq)

sesb2.c:120:5: Assignment of int to char: ss[ii] = fgetc(fq)

sesb2.c:138:21: Possibly null storage fw passed as non-null param:

s\_output1 (..., fw)

sesb2.c:59:5: Storage fw may become null

sesb2.c:141:2: Return value (type int) ignored: fclose(fp)

sesb2.c:142:2: Return value (type int) ignored: fclose(fq)

sesb2.c:143:2: Return value (type int) ignored: fclose(fw)

sesb2.c:145:16: Initializer block for aaaa has 1 element, but declared as char

[60]: 0

sesb2.c:145:17: Initial value of aaaa[0] is type int, expects char: 0

sesb2.c:146:16: Initializer block for cccc has 1 element, but declared as char

[60]: 0

sesb2.c:146:17: Initial value of cccc[0] is type int, expects char: 0

sesb2.c:155:14: Possibly null storage fl passed as non-null param: feof (fl)

sesb2.c:61:5: Storage fl may become null

sesb2.c:155:9: Operand of ! is non-boolean (int): !feof(fl)

sesb2.c:156:3: Assignment of int to char: ch = fgetc(fl)

sesb2.c:165:4: Assignment of int to char: a[d] = fgetc(fl)

sesb2.c:168:15: Possibly null storage fz passed as non-null param: feof (fz)

sesb2.c:62:5: Storage fz may become null

sesb2.c:168:10: Operand of ! is non-boolean (int): !feof(fz)

sesb2.c:170:5: Assignment of int to char: c[f] = fgetc(fz)

sesb2.c:186:4: Assignment of int to char: aaaa[ii] = fgetc(fz)

sesb2.c:202:20: Possibly null storage fx passed as non-null param:

s\_output2 (..., fx)

sesb2.c:63:5: Storage fx may become null

sesb2.c:206:1: Return value (type int) ignored: fclose(fl)

sesb2.c:207:8: Possibly null storage fz passed as non-null param: fclose (fz)

sesb2.c:62:5: Storage fz may become null

sesb2.c:207:1: Return value (type int) ignored: fclose(fz)

sesb2.c:208:1: Return value (type int) ignored: fclose(fx)

sesb2.c:214:13: Possibly null storage fa passed as non-null param: feof (fa)

sesb2.c:65:5: Storage fa may become null

sesb2.c:214:8: Operand of ! is non-boolean (int): !feof(fa)

sesb2.c:215:2: Return value (type char \*) ignored: fgets(l2, 60, fa)

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)

sesb2.c:224:14: Initializer block for rrr has 1 element, but declared as char

[60]: 0

sesb2.c:224:15: Initial value of rrr[0] is type int, expects char: 0

sesb2.c:232:2: Return value (type char \*) ignored: fgets(aa, 60, fa)

sesb2.c:235:14: Possibly null storage fs passed as non-null param: feof (fs)

sesb2.c:66:5: Storage fs may become null

sesb2.c:235:9: Operand of ! is non-boolean (int): !feof(fs)

sesb2.c:236:3: Return value (type char \*) ignored: fgets(cc, 60, fs)

sesb2.c:240:5: Unrecognized identifier: strcasecmp

Identifier used in code has not been declared. (Use -unrecog to inhibit

warning)

sesb2.c:248:3: Return value (type char \*) ignored: fgets(aaa[n1], 6...

sesb2.c:260:16: Passed storage aaa not completely defined (\*aaa is undefined):

s\_output3 (..., aaa, ...)

Storage derivable from a parameter, return value or global is not defined.

Use /\*@out@\*/ to denote passed or returned storage which need not be defined.

(Use -compdef to inhibit warning)

sesb2.c:260:20: Possibly null storage fd passed as non-null param:

s\_output3 (..., fd)

sesb2.c:67:5: Storage fd may become null

sesb2.c:264:1: Return value (type int) ignored: fclose(fa)

sesb2.c:265:8: Possibly null storage fs passed as non-null param: fclose (fs)

sesb2.c:66:5: Storage fs may become null

sesb2.c:265:1: Return value (type int) ignored: fclose(fs)

sesb2.c:266:1: Return value (type int) ignored: fclose(fd)

sesb2.c:267:2: Path with no return in function declared to return int

There is a path through a function declared to return a value on which there

is no return statement. This means the execution may fall through without

returning a meaningful result to the caller. (Use -noret to inhibit warning)

sesb2.c:94:7: Variable rr declared but not used

A variable is declared but never used. Use /\*@unused@\*/ in front of

declaration to suppress message. (Use -varuse to inhibit warning)

sesb2.c:146:7: Variable cccc declared but not used

sesb2.c:224:6: Variable rrr declared but not used

sesb2.c:8:6: Function exported but not used outside sesb2: s\_output1

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

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

sesb2.c:14:1: Definition of s\_output1

sesb2.c:16:6: Function exported but not used outside sesb2: s\_output2

sesb2.c:22:1: Definition of s\_output2

sesb2.c:24:6: Function exported but not used outside sesb2: s\_output3

sesb2.c:29:1: Definition of s\_output3

Finished checking --- 77 code warnings