

malloc + 4??

Source: http://coding.derkeiler.com/Archive/C_CPP/comp.lang.c/2004-04/0361.html

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<http://www.yep-mm.com/res/soCrypt.c>

I have 2 malloc's in my program, and when I write the contents of them to the screen or to a file, there aren't addition 4 characters.

As far as I can tell, both the code to register the malloc and to write information into the malloc is solid. Why then is my program returning an additional 4 characters?

register malloc 1:
line 192

register malloc 2:
line 214

write to malloc 1:
line 200 – 205

write to malloc 2:
line 221 – 225

display malloc 2:
line 157

write malloc 2:
line 251

Here's how you execute the program:

```
socrypt.exe /e :i input.txt :o output.txt :A keya.txt :B keyb.txt :k  
keyout.txt
```

**note that the input, keya, and keyb files must exist or the program will return an error code.

If you write a text string into the input.txt file, it will write the same string into the output.txt file plus an addition 4 characters.

comp.lang.c: malloc + 4??

The 1024 char random 'masterkey' is also written out to the keyout.txt file with an addition 4 characters.

Why is this happening? I'm totally baffled and have spent days trying to figure this out.