
Subject: Re: Problem with MemorySanitizer

Posted by [jjacksonRIAB](#) on Fri, 02 Apr 2021 15:35:37 GMT

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Also does it with SDL

```
#include <Core/Core.h>
```

```
#include <SDL/SDL.h>
```

```
using namespace Upp;
```

```
void test() {  
    SDL_Init(SDL_INIT_VIDEO|SDL_INIT_AUDIO);  
}
```

```
INITBLOCK {  
    test();  
}
```

```
int main(int argc, const char *argv[]) {  
    return 0;  
}
```

Uninitialized bytes in __interceptor_strlen at offset 10 inside [0x701000000330, 11)

==6486==WARNING: MemorySanitizer: use-of-uninitialized-value

```
#0 0x7f7bed9fec8e in _XlcAddCT (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x4dc8e)  
#1 0x7f7bed9fef17 in _XlcInitCTInfo (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x4df17)  
#2 0x7f7beda050c6 (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x540c6)  
#3 0x7f7beda047a6 (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x537a6)  
#4 0x7f7beda04fac in _XlcCreateLC (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x53fac)  
#5 0x7f7beda264e4 in _XlcUtf8Loader (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x754e4)  
#6 0x7f7beda0c7e5 in _XOpenLC (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x5b7e5)  
#7 0x7f7beda0c91c in _XlcCurrentLC (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x5b91c)  
#8 0x7f7beda0c952 in XSetLocaleModifiers (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x5b952)  
#9 0x7f7bee1c79f4 (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0x419f4)  
#10 0x7f7bee1c8b64 (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0x42b64)  
#11 0x7f7bee1b8b68 in SDL_VideoInit (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0x32b68)  
#12 0x7f7bee191abb in SDL_InitSubSystem  
(/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0xbabb)  
#13 0x7f7bee191b88 in SDL_Init (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0xbb88)  
#14 0x4a2109 in test() /mnt/ssd-b/MyApps/inittest/inittest.cpp:7:5  
#15 0x4a2118 in s__s10_fn() /mnt/ssd-b/MyApps/inittest/inittest.cpp:11:5  
#16 0x4a2269 in Upp::Callinit::Callinit(void (*)(), char const*, int)  
/home/borntactical/uppsrc/uppsrc/Core/Defs.h:86:83  
#17 0x423914 in __cxx_global_var_init /mnt/ssd-b/MyApps/inittest/inittest.cpp:10:1  
#18 0x423928 in _GLOBAL__sub_I_inittest.cpp /mnt/ssd-b/MyApps/inittest/inittest.cpp  
#19 0x90ee1c in __libc_csu_init
```

(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x90ee1c)
#20 0x7f7bedc6e03f in __libc_start_main
/build/glibc-eX1tMB/glibc-2.31/csu/../csu/libc-start.c:264:6
#21 0x42701d in _start
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x42701d)

SUMMARY: MemorySanitizer: use-of-uninitialized-value
(/usr/lib/x86_64-linux-gnu/libX11.so.6+0x4dc8e) in _XlcAddCT