
Subject: Problem with MemorySanitizerPosted by [Novo](#) on Sun, 21 Feb 2021 00:14:26 GMT[View Forum Message](#) <> [Reply to Message](#)

tutorial/CoreTutorial

~/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc

\$./CoreTutorial

Uninitialized bytes in __interceptor_strlen at offset 0 inside [0x701000000b00, 11)

==31245==WARNING: MemorySanitizer: use-of-uninitialized-value

```
#0 0x7fd5730d6b5e (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xbb5e)
#1 0x7fd5730d961f in FcConfigFilename (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xe61f)
#2 0x7fd5730f3151 (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x28151)
#3 0x7fd5730e4f77 (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x19f77)
#4 0x7fd5730e51da (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x1a1da)
#5 0x7fd5730d7156 (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xc156)
#6 0x7fd5730e52a9 in FcInitBringUptoDate
(/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x1a2a9)
#7 0x7fd5730e7ea1 in FcFontList (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x1cea1)
#8 0x259c28e in Upp::GetAllFacesSys()
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/FontFc.cpp:233:18
#9 0x259ae3d in Upp::Font::FaceList()
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:34:10
#10 0x259df7f in Upp::sInitFonts() /home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:42:2
#11 0x259e098 in Upp::s__sF0_46_fn()
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:47:2
#12 0x56ad11 in Upp::Callinit::Callinit(void (*)(), char const*, int)
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Core/Defs.h:86:83
#13 0x434934 in __cxx_global_var_init.4
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:46:1
#14 0x434f3c in _GLOBAL__sub_I_Draw_blitz.cpp
/home/ssg/dvlp/cpp/code/upp/out/tutorial/Draw/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc/Draw$blitz.cpp
#15 0x2f3643c in __libc_csu_init
(/home/ssg/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc/CoreTutorial+0x2f3643c)
#16 0x7fd571ba5c3d in __libc_start_main csu/../csu/libc-start.c:270:6
#17 0x43554d in _start
(/home/ssg/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc/CoreTutorial+0x43554d)
```

Uninitialized value was created by a heap allocation

```
#0 0x44198d in malloc
(/home/ssg/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc/CoreTutorial+0x44198d)
#1 0x7fd5730d95bf in FcConfigFilename (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xe5bf)
```

SUMMARY: MemorySanitizer: use-of-uninitialized-value

(/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xbb5e)

Exiting

Sanitizers detect problems with newly compiled code. They do not instrument binary code like valgrind does.

bm-file is attached.

File Attachments

1) [CLANGcpp17msan.bm](#), downloaded 290 times

Subject: Re: Problem with MemorySanitizer

Posted by [mirek](#) on Sun, 21 Feb 2021 12:42:16 GMT

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Novo wrote on Sun, 21 February 2021 01:14: tutorial/CoreTutorial

```
~/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc
$ ./CoreTutorial
```

```
Uninitialized bytes in __interceptor_strlen at offset 0 inside [0x70100000b00, 11)
```

```
==31245==WARNING: MemorySanitizer: use-of-uninitialized-value
```

```
#0 0x7fd5730d6b5e (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xbb5e)
#1 0x7fd5730d961f in FcConfigFilename (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xe61f)
#2 0x7fd5730f3151 (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x28151)
#3 0x7fd5730e4f77 (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x19f77)
#4 0x7fd5730e51da (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x1a1da)
#5 0x7fd5730d7156 (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xc156)
#6 0x7fd5730e52a9 in FcInitBringUptoDate
(/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x1a2a9)
#7 0x7fd5730e7ea1 in FcFontList (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0x1cea1)
#8 0x259c28e in Upp::GetAllFacesSys()
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/FontFc.cpp:233:18
#9 0x259ae3d in Upp::Font::FaceList()
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:34:10
#10 0x259df7f in Upp::sInitFonts() /home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:42:2
#11 0x259e098 in Upp::s__sF0_46_fn()
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:47:2
#12 0x56ad11 in Upp::Callinit::Callinit(void (*)(), char const*, int)
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Core/Defs.h:86:83
#13 0x434934 in __cxx_global_var_init.4
/home/ssg/dvlp/cpp/code/upp/git/uppsrc/Draw/Font.cpp:46:1
#14 0x434f3c in _GLOBAL__sub_I_Draw_blitz.cpp
/home/ssg/dvlp/cpp/code/upp/out/tutorial/Draw/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc/Draw$blitz.cpp
#15 0x2f3643c in __libc_csu_init
(/home/ssg/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.Usemalloc/CoreTutorial+0x2f3643c)
#16 0x7fd571ba5c3d in __libc_start_main csu/../csu/libc-start.c:270:6
#17 0x43554d in _start
(/home/ssg/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.
```

Usemalloc/CoreTutorial+0x43554d)

Uninitialized value was created by a heap allocation
#0 0x44198d in malloc
(/home/ssg/dvlp/cpp/code/upp/out/tutorial/CLANGcpp17msan.Debug.Debug_Full.Gui.Mt.Shared.
Usemalloc/CoreTutorial+0x44198d)
#1 0x7fd5730d95bf in FcConfigFilename (/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xe5bf)

SUMMARY: MemorySanitizer: use-of-uninitialized-value
(/usr/lib/x86_64-linux-gnu/libfontconfig.so.1+0xbb5e)
Exiting

Sanitizers detect problems with newly compiled code. They do not instrument binary code like valgrind does.
bm-file is attached.

Cool so there is a bug in your linux distro FontConfig code. Am I supposed to do with that something?

Mirek

Subject: Re: Problem with MemorySanitizer
Posted by [jjacksonRIAB](#) on Thu, 01 Apr 2021 16:57:35 GMT
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I get similar sanitizer whining when I use an INIT block.

Subject: Re: Problem with MemorySanitizer
Posted by [mirek](#) on Fri, 02 Apr 2021 07:37:50 GMT
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jjacksonRIAB wrote on Thu, 01 April 2021 18:57: I get similar sanitizer whining when I use an INIT block.

That is way unspecific. What whining and what is in INIT? (What compiler / platform).

Subject: Re: Problem with MemorySanitizer
Posted by [jjacksonRIAB](#) on Fri, 02 Apr 2021 15:16:41 GMT
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```
#include <Core/Core.h>  
#include <portaudio.h>
```

```
using namespace Upp;
```

```
void test() {  
    Pa_Initialize();  
}
```

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

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

Clang, linux.

```
Uninitialized bytes in __interceptor_strcmp at offset 8 inside [0x7010000002f0, 9)  
==5039==WARNING: MemorySanitizer: use-of-uninitialized-value  
#0 0x7fe8e59f8fea (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2dfea)  
#1 0x7fe8e59f9e65 (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2ee65)  
#2 0x7fe8e59fa3fe (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2f3fe)  
#3 0x7fe8e59fd77e in snd_config_update_r (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x3277e)  
#4 0x7fe8e59fde0d in snd_config_update_ref  
(/usr/lib/x86_64-linux-gnu/libasound.so.2+0x32e0d)  
#5 0x7fe8e5a088b9 in snd_ctl_open (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x3d8b9)  
#6 0x7fe8e6016737 (/usr/lib/x86_64-linux-gnu/libportaudio.so.2+0x11737)  
#7 0x7fe8e601a33c in PaAlsa_Initialize (/usr/lib/x86_64-linux-gnu/libportaudio.so.2+0x1533c)  
#8 0x7fe8e600d10f in Pa_Initialize (/usr/lib/x86_64-linux-gnu/libportaudio.so.2+0x810f)  
#9 0x4a10f6 in test() /mnt/ssd-b/MyApps/inittest/inittest.cpp:7:2  
#10 0x4a1108 in s__s10_fn() /mnt/ssd-b/MyApps/inittest/inittest.cpp:11:2  
#11 0x4a1259 in Upp::Callinit::Callinit(void (*)(), char const*, int)  
/home/borntactical/upp.src/uppsrc/Core/Defs.h:86:83  
#12 0x422914 in __cxx_global_var_init /mnt/ssd-b/MyApps/inittest/inittest.cpp:10:1  
#13 0x422928 in _GLOBAL__sub_I_inittest.cpp /mnt/ssd-b/MyApps/inittest/inittest.cpp  
#14 0x90de0c in __libc_csu_init  
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x  
90de0c)  
#15 0x7fe8e5aed03f in __libc_start_main  
/build/glibc-eX1tMB/glibc-2.31/csu/../csu/libc-start.c:264:6  
#16 0x42601d in _start  
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x  
42601d)
```

```
SUMMARY: MemorySanitizer: use-of-uninitialized-value  
(/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2dfea)  
Exiting
```

<--- Finished, press [ENTER] to close the window --->

I brought it up because it makes me wonder if an INITBLOCK is causing that complaint too

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/upp.src/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

Subject: Re: Problem with MemorySanitizer
Posted by [mirek](#) on Fri, 02 Apr 2021 16:09:16 GMT
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jjacksonRIAB wrote on Fri, 02 April 2021 17:16

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

```
using namespace Upp;
```

```
void test() {
    Pa_Initialize();
}
```

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

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

Clang, linux.

```
Uninitialized bytes in __interceptor_strcmp at offset 8 inside [0x701000002f0, 9)
==5039==WARNING: MemorySanitizer: use-of-uninitialized-value
#0 0x7fe8e59f8fea (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2dfea)
#1 0x7fe8e59f9e65 (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2ee65)
#2 0x7fe8e59fa3fe (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2f3fe)
#3 0x7fe8e59fd77e in snd_config_update_r (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x3277e)
#4 0x7fe8e59fde0d in snd_config_update_ref
(/usr/lib/x86_64-linux-gnu/libasound.so.2+0x32e0d)
#5 0x7fe8e5a088b9 in snd_ctl_open (/usr/lib/x86_64-linux-gnu/libasound.so.2+0x3d8b9)
#6 0x7fe8e6016737 (/usr/lib/x86_64-linux-gnu/libportaudio.so.2+0x11737)
#7 0x7fe8e601a33c in PaAIsa_Initialize (/usr/lib/x86_64-linux-gnu/libportaudio.so.2+0x1533c)
#8 0x7fe8e600d10f in Pa_Initialize (/usr/lib/x86_64-linux-gnu/libportaudio.so.2+0x810f)
#9 0x4a10f6 in test() /mnt/ssd-b/MyApps/inittest/inittest.cpp:7:2
#10 0x4a1108 in s__s10_fn() /mnt/ssd-b/MyApps/inittest/inittest.cpp:11:2
#11 0x4a1259 in Upp::Callinit::Callinit(void (*)(), char const*, int)
/home/borntactical/upp.src/uppsrc/Core/Defs.h:86:83
#12 0x422914 in __cxx_global_var_init /mnt/ssd-b/MyApps/inittest/inittest.cpp:10:1
#13 0x422928 in _GLOBAL__sub_I_inittest.cpp /mnt/ssd-b/MyApps/inittest/inittest.cpp
#14 0x90de0c in __libc_csu_init
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x
90de0c)
#15 0x7fe8e5aed03f in __libc_start_main
/build/glibc-eX1tMB/glibc-2.31/csu/./csu/libc-start.c:264:6
#16 0x42601d in _start
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x
42601d)
```

SUMMARY: MemorySanitizer: use-of-uninitialized-value

(/usr/lib/x86_64-linux-gnu/libasound.so.2+0x2dfea)

Exiting

<--- Finished, press [ENTER] to close the window --->

I brought it up because it makes me wonder if an INITBLOCK is causing that complaint too

I actually think that the cause here is that INITBLOCK runs before main - it is possible that something in those libs is not initialised yet at that point.

Does it behave the same in main?

Subject: Re: Problem with MemorySanitizer

Posted by [jjacksonRIAB](#) on Fri, 02 Apr 2021 16:22:24 GMT

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Aye, that's what I was thinking too. I get a different memory error if I place it in main:

```
Uninitialized bytes in read_iovec at offset 16 inside [0x7ffd4e61d830, 96)
==9635==WARNING: MemorySanitizer: use-of-uninitialized-value
  #0 0x438504 in writev
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x438504)
  #1 0x7f07f6507ec8 (/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xbec8)
  #2 0x7f07f6508328 (/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xc328)
  #3 0x7f07f6507a07 in xcb_connect_to_fd (/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xba07)
  #4 0x7f07f650bb72 in xcb_connect_to_display_with_auth_info
(/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xfb72)
  #5 0x7f07f6719b79 in _XConnectXCB (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x3db79)
  #6 0x7f07f670a318 in XOpenDisplay (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x2e318)
  #7 0x7f07f6ef1196 (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0x40196)
  #8 0x7f07f6ee3c05 in SDL_VideoInit (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0x32c05)
  #9 0x7f07f6ebcabb in SDL_InitSubSystem (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0xbabb)
  #10 0x7f07f6ebcb88 in SDL_Init (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0xbb88)
  #11 0x4a20ff in main /mnt/ssd-b/MyApps/inittest/inittest.cpp:15:5
  #12 0x7f07f69990b2 in __libc_start_main
/build/glibc-eX1tMB/glibc-2.31/csu/./csu/libc-start.c:308:16
  #13 0x426fad in _start
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x426fad)
```

```
SUMMARY: MemorySanitizer: use-of-uninitialized-value
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x438504) in writev
Exiting
```

Subject: Re: Problem with MemorySanitizer
Posted by [mirek](#) on Fri, 02 Apr 2021 16:24:40 GMT
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jjacksonRIAB wrote on Fri, 02 April 2021 18:22Aye, that's what I was thinking too. I get a different memory error if I place it in main:

```
Uninitialized bytes in read_iovec at offset 16 inside [0x7ffd4e61d830, 96)
==9635==WARNING: MemorySanitizer: use-of-uninitialized-value
  #0 0x438504 in writev
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x438504)
  #1 0x7f07f6507ec8 (/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xbec8)
  #2 0x7f07f6508328 (/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xc328)
  #3 0x7f07f6507a07 in xcb_connect_to_fd (/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xba07)
  #4 0x7f07f650bb72 in xcb_connect_to_display_with_auth_info
```

```
(/usr/lib/x86_64-linux-gnu/libxcb.so.1+0xfb72)
#5 0x7f07f6719b79 in _XConnectXCB (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x3db79)
#6 0x7f07f670a318 in XOpenDisplay (/usr/lib/x86_64-linux-gnu/libX11.so.6+0x2e318)
#7 0x7f07f6ef1196 (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0x40196)
#8 0x7f07f6ee3c05 in SDL_VideoInit (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0x32c05)
#9 0x7f07f6ebcabb in SDL_InitSubSystem (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0xbabb)
#10 0x7f07f6ebcb88 in SDL_Init (/usr/lib/x86_64-linux-gnu/libSDL-1.2.so.0+0xbb88)
#11 0x4a20ff in main /mnt/ssd-b/MyApps/inittest/inittest.cpp:15:5
#12 0x7f07f69990b2 in __libc_start_main
/build/glibc-eX1tMB/glibc-2.31/csu/../csu/libc-start.c:308:16
#13 0x426fad in _start
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x426fad)
```

SUMMARY: MemorySanitizer: use-of-uninitialized-value
(/home/borntactical/out/MyApps/CLANGsanitize.Debug.Debug_Full.Shared.Usemalloc/inittest+0x438504) in writev
Exiting

Well, not U++ problem I guess... You can also try completely without U++...

Subject: Re: Problem with MemorySanitizer
Posted by [jjacksonRIAB](#) on Fri, 02 Apr 2021 16:30:53 GMT
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Yeah, same error without U++. The fact that those methods are called in INITBLOCKs just makes it appear as if U++ has something to do with it... but it doesn't.
