
Subject: Address Sanitizer Error: Heap-buffer-overflow

Posted by [Sudharshan Saranathan](#) on Wed, 16 Dec 2015 13:49:14 GMT

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Hello Everyone,

I am trying to get IDL to run on my Mac OSX (El Capitan). Unfortunately, attempting to start the IDL command line results in an error (see below):

```
==98977==ERROR: AddressSanitizer: heap-buffer-overflow on address 0x621000237500 at pc
0x000101f8d4cd bp 0x7fff5fbfa910 sp 0x7fff5fbfa0d0
WRITE of size 24932 at 0x621000237500 thread T0
```

Can someone please shed some light on how to resolve this?

Please let me know what additional information is required how I can gather it.

Thank You,
Sudharshan Saranathan

Subject: Re: Address Sanitizer Error: Heap-buffer-overflow

Posted by [zacharyanorman](#) on Thu, 17 Dec 2015 13:39:33 GMT

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Your best bet would be to contact technical support for help on this. Their email is support@harris.com for North America or supporteu@harris.com for the rest of the world.

That is a very strange error though. What version of IDL are you using and which installer did you use to install IDL? There are two: a OSX native installer GUI application and a UNIX style installer which is run from a terminal interface.

-Zach (VIS)

Subject: Re: Address Sanitizer Error: Heap-buffer-overflow

Posted by [Paul Van Delst\[1\]](#) on Thu, 17 Dec 2015 16:18:22 GMT

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Hi,

On 12/17/15 08:39, Zachary Norman wrote:

- > Your best bet would be to contact technical support for help on this.
- > Their email is support@harris.com for North America or
- > supporteu@harris.com for the rest of the world.
- >
- > That is a very strange error though. What version of IDL are you

- > using and which installer did you use to install IDL? There are two:
- > a OSX native installer GUI application and a UNIX style installer
- > which is run from a terminal interface.

This doesn't help the OP, but it's still an interesting (and short) read:
<https://en.wikipedia.org/wiki/AddressSanitizer>

In particular the sentence:

"On average, the [AddressSanitizer] instrumentation increases processing time by about 73% and memory usage by 340%."

Eesh. Sounds like something you'd want to turn off for number crunching with IDL....

cheers,

paulv

Subject: Re: Address Sanitizer Error: Heap-buffer-overflow
Posted by [Sudharshan Saranathan](#) on Fri, 18 Dec 2015 04:32:22 GMT
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On Thursday, 17 December 2015 19:09:36 UTC+5:30, Zachary Norman wrote:

- > Your best bet would be to contact technical support for help on this. Their email is support@harris.com for North America or supporteu@harris.com for the rest of the world.
- >
- > That is a very strange error though. What version of IDL are you using and which installer did you use to install IDL? There are two: a OSX native installer GUI application and a UNIX style installer which is run from a terminal interface.
- >
- > -Zach (VIS)

Hello Zachary,

I am trying to run IDL 8.3. I used a .pkg file which installed the language through a GUI. I found nothing quirky during installation.

It's only when I started it that I discovered it wouldn't open. I can't seem to understand if this is a problem with IDL or with the machine.

Either way, thank you for the suggestion! I'll drop a mail to support.

Regards,
Sudharshan

Subject: Re: Address Sanitizer Error: Heap-buffer-overflow

Posted by [karo03de](#) on Fri, 18 Dec 2015 18:08:11 GMT

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Am Mittwoch, 16. Dezember 2015 14:49:17 UTC+1 schrieb Sudharshan Saranathan:

> Hello Everyone,

>

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>

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> Can someone please shed some light on how to resolve this?

>

> Please let me know what additional information is required how I can gather it.

>

> Thank You,

> Sudharshan Saranathan

I had something similar under Yosemite, which was related to X11. I had the XQuartz beta version 2.7.9 installed. Reinstalling the XQuartz stable release 2.7.8 helped in my case!

Subject: Re: Address Sanitizer Error: Heap-buffer-overflow

Posted by [Sudharshan Saranathan](#) on Sat, 19 Dec 2015 05:28:53 GMT

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On Friday, 18 December 2015 23:38:18 UTC+5:30, karo03de wrote:

> Am Mittwoch, 16. Dezember 2015 14:49:17 UTC+1 schrieb Sudharshan Saranathan:

>> Hello Everyone,

>>

>> I am trying to get IDL to run on my Mac OSX (El Capitan). Unfortunately, attempting to start the IDL command line results in an error (see below):

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>

> I had something similar under Yosemite, which was related to X11. I had the XQuartz beta

version 2.7.9 installed. Reinstalling the XQuartz stable release 2.7.8 helped in my case!

Thank you! Your suggestion worked!
