
Subject: TheIDE doesn't start on macOS 11.1
Posted by [Klugier](#) on Thu, 14 Jan 2021 12:44:19 GMT
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Hello,

I created following ticket in #2137 that describes that TheIDE bundled with tar can not be executed on latest macOS 11.1 (x86_64 architecture). Error dialog below:

I saw this issue before. It was when previous macOS was release. My question here is can we make it bulletproof. I mean despite the system update TheIDE should works. Many other apps like Firefox doesn't have this problem after update. So, there might be problem in our macOS build infrastructure.

Klugier

[File Attachments](#)

1) [Screenshot 2021-01-14 at 13.41.34.png](#), downloaded 740 times

Subject: Re: TheIDE doesn't start on macOS 11.1
Posted by [mirek](#) on Tue, 19 Jan 2021 09:03:41 GMT
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Klugier wrote on Thu, 14 January 2021 13:44Hello,

I created following ticket in #2137 that describes that TheIDE bundled with tar can not be executed on latest macOS 11.1 (x86_64 architecture). Error dialog below:

I saw this issue before. It was when previous macOS was release. My question here is can we make it bulletproof. I mean despite the system update TheIDE should works. Many other apps like Firefox doesn't have this problem after update. So, there might be problem in our macOS build infrastructure.

Klugier

What does "Report.." say?

Other than that, you are welcome to investigate. I am at the end of the rope with MacOS.

Mirek

Subject: Re: TheIDE doesn't start on macOS 11.1
Posted by [Klugier](#) on Tue, 19 Jan 2021 15:04:15 GMT

Hello Mirek,

Here is the report data:

System Integrity Protection: enabled

Notes: Translocated Process

Crashed Thread: 0

Exception Type: EXC_CRASH (SIGABRT)

Exception Codes: 0x0000000000000000, 0x0000000000000000

Exception Note: EXC_CORPSE_NOTIFY

Termination Reason: DYLD, [0x1] Library missing

Application Specific Information:

dyld: launch, loading dependent libraries

Dyld Error Message:

dyld: Using shared cache: 467A83CB-BA86-3F07-B652-B9256C74080A

Library not loaded: /opt/local/lib/libcrypto.1.0.0.dylib

Referenced from: /Volumes/VOLUME/*/theide.app/Contents/MacOS/theide

Reason: image not found

I have OpenSSL in version 1.1.1.

Klugier

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [Klugier](#) on Fri, 22 Jan 2021 19:24:47 GMT

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Hello,

I try to build TheIDE with embedded umk that works. I just noticed that "/opt/local/include" doesn't exist and "/usr/include" doesn't possess openssl. So, I modified CLANG.bm to provied valid path:

INCLUDE = "/usr/include;/usr/local/opt/openssl/include";

And the compilation works...

The openssl is install using brew:

brew install openssl

The same is true for library path and it needs to be change to posses openssl:

```
LIB = "/usr/lib;/usr/local/opt/openssl/lib";
```

And now TheIDE works on macOS. I highly suggest to update CLANG.bm for mac to above options and trigger new build for that system.

Klugier

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [mirek](#) on Sun, 24 Jan 2021 06:42:03 GMT

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Klugier wrote on Fri, 22 January 2021 20:24Hello,

I try to build TheIDE with embeeded umk that works. I just noticed that "/opt/local/include" doesn't exist and "/usr/include" doesn't posses openssl. So, I modified CLANG.bm to provied valid path:

```
INCLUDE = "/usr/include;/usr/local/opt/openssl/include";
```

And the compilation works...

The openssl is install using brew:

```
brew install openssl
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The same is true for library path and it needs to be change to posses openssl:

```
LIB = "/usr/lib;/usr/local/opt/openssl/lib";
```

And now TheIDE works on macOS. I highly suggest to update CLANG.bm for mac to above options and trigger new build for that system.

Klugier

Well, I actually suspect that the whole issue is a result of brew upgrading openssl to 1.1...

Mirek

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [Klugier](#) on Sun, 24 Jan 2021 12:16:12 GMT

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Hello Mirek,

Yes, this is the problem. The bundled binary links against 1.0 version not 1.1. I see that brew stop offering OpenSSL in version 1.0 and only 1.1 is available. Here is more details (brew OpenSSL@1.1). It is available for mac 11.1, 11.15 and 10.14.

We should act somehow here, I think by default we should link with the newer version not older that is currently not available on latest mac's. Alternatively, we could provide OpenSSL on by our-self like we do for Windows.

Klugier

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [forlano](#) on Sun, 24 Jan 2021 12:33:13 GMT

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Hello,

I wonder how the suggested fix will impact on MacOS 10. To setup the machine to run my program costed me some time and I am now scared to move to MacOS 11. I forgot what I did for openssl.

So if the recent openssl (both .dylib and .a) come with Upp then I would be more than happy.

Thanks,
Luigi

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [Klugier](#) on Sun, 24 Jan 2021 13:06:02 GMT

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Hello Luigi,

For curiosity, I just checked your app Vega (Vega) on macOS 11.1 and everything works fine (no crash at launch). So, the application doesn't link with OpenSSL and the problem doesn't exist. The same is true for VegaTeam.

You should be very careful with migration. First, we need to make sure that upp with OpenSSL works well across different macOS versions. Now, TheIDE only works if you compile it manually with embedded umk with changes to build method.

Klugier

Subject: Re: TheIDE doesn't start on macOS 11.1
Posted by [forlano](#) on Sun, 24 Jan 2021 17:19:31 GMT
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Klugier wrote on Sun, 24 January 2021 14:06Hello Luigi,

For curiosity, I just checked your app Vega (Vega) on macOS 11.1 and everything works fine (no crash at launch). So, the application doesn't link with OpenSSL and the problem doesn't exist. The same is true for VegaTeam.

You should be very careful with migration. First, we need to make sure that up with OpenSSL works well across different macOS versions. Now, TheIDE only works if you compile it manually with embedded umk with changes to build method.

Klugier

Hello Klugier,

thanks a lot for the news about my app on macOS 11. I was unaware of it. Actually I linked OpenSSL statically 8) . I described somewhere on the forum how I did it. I compiled it with Mojave but I do not remember which version I used. I linked statically even mysqlclient. Each time I setup the machine for macOS I have a headache. Instead I was able to compile the same apps you tried under Raspberry in a much simpler ways.
For the time being I'll continue to maintain my current setup on macOS.

Best regards,
Luigi

Subject: Re: TheIDE doesn't start on macOS 11.1
Posted by [Klugier](#) on Mon, 25 Jan 2021 16:56:47 GMT
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Hello,

You can download working TheIDE package for macOS 11.1 that links against OpenSSL 1.1 from here.

Klugier

Subject: Re: TheIDE doesn't start on macOS 11.1
Posted by [forlano](#) on Thu, 28 Jan 2021 19:54:01 GMT
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Klugier wrote on Mon, 25 January 2021 17:56Hello,

You can download working TheIDE package for macOS 11.1 that links against OpenSSL 1.1 from here.

Klugier

Thank you!

Luigi

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [mirek](#) on Tue, 16 Feb 2021 12:54:56 GMT

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I have changed Core/SSL to link static libraries to avoid the mess with SSL in Macos. Hopefully this will help.

Can you test current nightly please?

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [Klugier](#) on Tue, 16 Feb 2021 14:18:49 GMT

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Hello Mirek,

I can confirm TheIDE from latest nightly on macOS works again out of the box without crash.

Klugier

Subject: Re: TheIDE doesn't start on macOS 11.1

Posted by [mirek](#) on Tue, 16 Feb 2021 14:25:06 GMT

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Klugier wrote on Tue, 16 February 2021 15:18Hello Mirek,

I can confirm TheIDE from latest nightly on macOS works again out of the box without crash.

Klugier

Thank you... one step at time, right? :)
