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Subject: [BUG] Umk/TheIDE Last trunk on debian compilation error

Posted by [Xemuth](#) on Tue, 08 Dec 2020 13:41:06 GMT

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I just grabbed latest Nightybuild for Linux/BSD/Solaris  
I have checkout my folder with the latest SVN trunk  
then I have run ./install to create umk/TheIDE.

Here is what happen :

```
/usr/lib/gcc/i686-linux-gnu/8/include/emmintrin.h:701:1: error: inlining failed in call to always_inline
'__m128i __mm_loadu_si128(const __m128i_u*)': target specific option mismatch
  __mm_loadu_si128 (__m128i_u const *__P)
  ^~~~~~
```

if I do make theide same error happen.

Do the problem come from my system or it come from U++ ?

PS: my system is a fresh Debian + KDE plasma (all dependencies have been installed same for linux-headers)

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Subject: Re: Umk/TheIDE Last trunk on debian compilation error

Posted by [Xemuth](#) on Tue, 08 Dec 2020 20:41:12 GMT

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Found a fix,

according to this post  
have to add -msse4.1 to C++ compilation option  
(edit makefile and add "-msse4.1" to CXXFLAGS)

PS: of course you can pass this to umk modifying the install.sh file but in my case, since I have modified makefile I had to use "make" in the Upp folder instead of using install.sh

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Subject: Re: Umk/TheIDE Last trunk on debian compilation error

Posted by [Klugier](#) on Tue, 08 Dec 2020 22:26:47 GMT

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Hello Xemuth,

Your problem is not fixed! We need to make sure that trunk version compiles without any errors, so the final user should not apply any patches manually. Thanks for reporting this problem.

I created the ticket #2126 on redmine to track the problem. I also change the thread title from RESOLVED to BUG.

Klugier

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Subject: Re: Umk/TheIDE Last trunk on debian compilation error

Posted by [mirek](#) on Fri, 11 Dec 2020 16:22:50 GMT

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I think this is caused by the fact that you are using 32-bit Linux. Is that correct?

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Subject: Re: Umk/TheIDE Last trunk on debian compilation error

Posted by [Xemuth](#) on Fri, 11 Dec 2020 18:27:54 GMT

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mirek wrote on Fri, 11 December 2020 17:22: I think this is caused by the fact that you are using 32-bit Linux. Is that correct?

You are right, it's a 32bit system ! I didn't pay attention to the iso I get :? I will resetup a fresh 64 bit linux and will tell if the build method work

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Subject: Re: [BUG] Umk/TheIDE Last trunk on debian compilation error

Posted by [Xemuth](#) on Fri, 11 Dec 2020 23:20:36 GMT

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problem doesn't occur in a 64bit system

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Subject: Re: [BUG] Umk/TheIDE Last trunk on debian compilation error

Posted by [Klugier](#) on Wed, 16 Dec 2020 10:17:47 GMT

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Hello Mirek,

Do we want to abandon 32-bit Linux? I think the current approach is to do not provide binaries for Windows, but TheIDE should be able to create 32-bit binary without the problem. 2019.2 release 32-bit TheIDE should be able to work with latest sources.

My question here is - do we want to fix this compilation issue or we just wanted to say that 32-bit linux is not supported any more?

Klugier

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Subject: Re: [BUG] Umk/TheIDE Last trunk on debian compilation error

Posted by [mirek](#) on Wed, 16 Dec 2020 14:56:05 GMT

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Klugier wrote on Wed, 16 December 2020 11:17Hello Mirek,

Do we want to abandon 32-bit Linux? I think the current approach is to do not provide binaries for Windows, but TheIDE should be able to create 32-bit binary without the problem. 2019.2 release 32-bit TheIDE should be able to work with latest sources.

My question here is - do we want to fix this compilation issue or we just wanted to say that 32-bit linux is not supported any more?

Klugier

I think there is a trivial fix by disabling SSE2 routines in CPU\_32/POSIX combo.

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