Subject: C++ 17 now supported
Posted by mirek on Mon, 12 Nov 2018 10:23:17 GMT
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There was a trivial issue that prevented compilation in c++17. It is now fixed...

Mirek

Subject: Re: C++ 17 now supported
Posted by shutalker on Fri, 22 Mar 2019 11:16:47 GMT
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Hello, Mirek!
I've encountered with some compilation errors like this:

.../upp/uppsrc/plugin/pcre/lib/pcre_ord2utf8.c (72): error: ISO C++17 does not allow 'register' storage class specifier [-Wregister]

Here is a bit of code:

register int i, j;

The same error occured in several files, so I did a little patch.

File Attachments
1) upp-libpcre.diff, downloaded 402 times

Subject: Re: C++ 17 now supported
Posted by mirek on Fri, 22 Mar 2019 15:45:06 GMT
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Accidentally, I have upgraded pcre to 8.43 (as part of release process), which seems to fix the issue as well...

Mirek

Subject: Re: C++ 17 now supported
Posted by Klugier on Fri, 22 Mar 2019 15:52:15 GMT
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Hello,

I checked the issue and it seems that update will not fix the issue. The problem is that "register" keyword is removed from c++17. Here is a link to our current version of one of the file of plugin/pcre - https://github.com/ultimatepp/mirror/blob/master/uppsrc/plug in/pcre/lib/pcre_compile.c and it contains following line of code:

register pcre_uint32 cc = *(++ptr);

It will not compile in c++17 enviroment...

Sincerely,
Klugier

Subject: Re: C++ 17 now supported
Posted by Oblivion on Fri, 22 Mar 2019 15:56:28 GMT
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Hello,

Some time ago I uploaded a patch here, as per Novo's suggestion:
https://www.ultimatepp.org/forums/index.php?t=msg&th=105 90&goto=51321&#msg_51321

It was for the older version, but it should also work for the new version.

Best regards,
Oblivion

Subject: Re: C++ 17 now supported
Posted by mirek on Fri, 22 Mar 2019 16:07:31 GMT
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My apologies, I was not testing correctly (for some reason current mingw will compile that as C++17 without errors) and doing wrong search for 'register'.

As there seem to by many more 'register' instances in current pcre version, I have tried to remedy the problem by turning pcre compilation to "C" (where register is allowed).

Mirek
