Subject: _mm_pause not defined
Posted by forlano on Fri, 29 Dec 2017 22:16:45 GMT
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Hello,

I was compiling my program using latest U++ 11634, Mingw compiling for 32 bit platform.
I got the error:

C:\upp\uppsrc\Core\Mt.cpp (635): error: '_mm_pause' was not declared in this scope

located in Mt.cpp:

```
void SpinLock::Wait()
{
 volatile int n = 0;
 while(locked) {
 #ifdef CPU_X86
  _mm_pause(); //<< error
 #endif
  if(n++ > 500)
   Sleep(0);
 }
}
```

Any idea how to fix it?
Thanks,
Luigi

Subject: Re: _mm_pause not defined
Posted by Oblivion on Sat, 30 Dec 2017 09:29:39 GMT
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Hello,

I can confirm this for latest nightly builds on Linux (kernel: 4.14 - x86_64 platform, GCC 7.2.1

The reason seems to be that the following header file is missing.

```
#include <xmmintrin.h>
```

Best regards,

Obliivion

Subject: Re: _mm_pause not defined
Posted by mirek on Sat, 30 Dec 2017 15:56:07 GMT
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I have tried to add include to Core.h. Please check (trunk)