
Subject: `_mm_pause` not defined
Posted by [forlano](#) on Fri, 29 Dec 2017 22:16:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

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
[View Forum Message](#) <> [Reply to Message](#)

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,

Oblivion

Subject: Re: _mm_pause not defined
Posted by [mirek](#) on Sat, 30 Dec 2017 15:56:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

I have tried to add include to Core.h. Please check (trunk)
