## POSIX Threads (*Pthreads*) on Visual Studio 2010

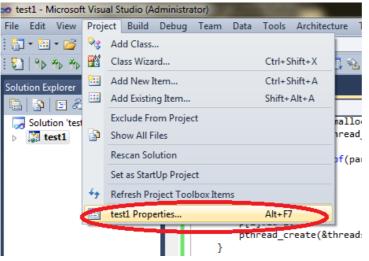
Mateusz Kaflowski

- Download pthreads-vvvv-vv-vvx.exe (v version) from: <u>ftp://sourceware.org/pub/pthreads-win32/</u>.
- Extract your exe file (for example to C:\pthreads\).
  You have three folders now:

	and Million Harry Box	-		
Correction Nomputer	Dysk lokalny (C:) > pthreads >	<b>▼</b> 47	Przeszukaj: pthread	s 🔎
Organizuj 🔻 Umieść w b	ibliotece 🔻 Udostępnij 💌 Nagraj	Nowy folder	•	
GG dysk	Nazwa	Data modyfikacji	Тур	Rozmiar
Pulpit	🔰 Pre-built.2	2013-03-21 13:25	Folder plików	
🗼 Pobrane	pthreads.2	2013-03-22 19:46	Folder plików	
Pulpit	QueueUserAPCEx	2013-03-21 13:25	Folder plików	
詞 Biblioteki				
📔 Apps				
Dokumenty				
🌙 Muzyka				
📔 Obrazy				
😸 Wideo	▼ 4	III		•
Elementów: 3	3			

3. Open project in Visual Studio 2010.

## 4. Go to project properties:



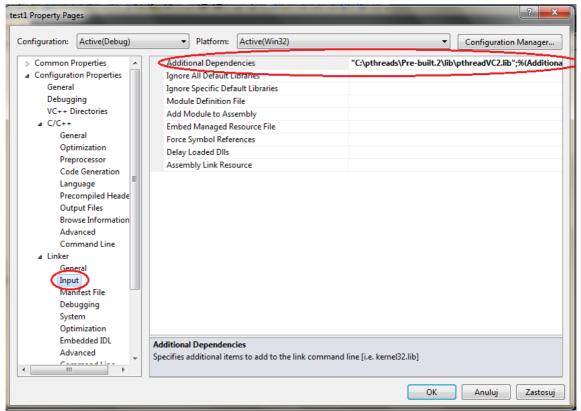
5. Edit additional directories:

		Configuration Manager	
Common Properties	Additional Include Directories	C:\pthreads\Pre-built.2\lib;C:\pthreads\pthreads.2;%(A	
Configuration Properties	Resolve #using References		
General	Debug Information Format	Program Database for Edit And Continue (/ZI)	
Debugging	Common Language RunTime Support		
VC++ Directories	Suppress Startup Banner	Yes (/nologo)	
▷ C/C++	Warning Level	Level3 (/W3)	
▲ Emker	Treat Warnings As Errors	No (/WX-)	
General	Multi-processor Compilation		
Input	Use Unicode For Assembler Listing		
Manifest File			
Debugging			
System			
Optimization			
Embedded IDL			
Embedded IDL Advanced			
Embedded IDL Advanced Command Line			
Embedded IDL Advanced Command Line > Manifest Tool			
Embedded IDL Advanced Command Line ▷ Manifest Tool ▷ XML Document Genera	itor		
Embedded IDL Advanced Command Line Manifest Tool XML Document Genera Browse Information	itor		
Embedded IDL Advanced Command Line Manifest Tool XML Document Genera Browse Information Build Events	tor		
Embedded IDL Advanced Command Line Manifest Tool XML Document Genera Browse Information	tor		

6. Add directory with header file. In my example:

Additional Include Directories	? ×
C:\pthreads\pthreads.2	~ ~
< <u> </u>	4
Inherited values:	
	Â
	-
✓ Inherit from parent or project defaults	Macros>>
ſ	OK Cancel

7. Edit additional dependencies:



8. Add pthreadVC2.lib path. In my example:

Additional Dependencies	? X
"C:\pthreads\Pre-built.2\lib\pthreadVC2.lib"	*
Inherited values:	*
kernel32.lib user32.lib gdi32.lib winspool.lib comdlg32.lib	- III
✓ Inherit from parent or project defaults	Macros>> Cancel

9. If you have this after compiling:



copy pthreadVC2.dll to your program directory or to the Windows folder.