Subject: pregexp isn't compiling complaining about undefined symbols
Posted by mingodad on Thu, 30 Apr 2009 23:25:59 GMT
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I've got the latest ultimate++ and tried to use the plugin/pcre but it doesn't work it compiles but when linking complain about undefined _imp_pcre_free, _imp_pcre_exec, ...

I managed to get it working although in a not usual way.

```
#ifndef _plugin_pcre_pcre_h_
#define _plugin_pcre_pcre_h_

#include <Core/Core.h>

#define PCRE_EXP_DECL extern <======== adding this line
//before include pcre headers
#include "lib/pcre.h"

NAMESPACE_UPP

#include "RegExp.h"

END_UPP_NAMESPACE

#endif
```

Also added one more function to it:

```
void RegExp::GetMatchPos(int i, int& iPosStart, int& iPosAfterEnd)
{
 i = 2 * (i + 1);
 iPosStart = pos[i];
 iPosAfterEnd = pos[i + 1];
}
```

Subject: Re: pregexp isn't compiling complaining about undefined symbols
Posted by mirek on Sun, 10 May 2009 11:03:44 GMT
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I believe the problem is in including

```
#include "lib/pcre.h"
```

(Of course, as long as you did not add that to make it work...).

In any case, I have just checked reference example:

http://www.ultimatepp.org/reference$RegExp.html

and it compiles and works just OK.

Mirek

Subject: Re: pregexp isn't compiling complaining about undefined symbols
Posted by sergeynikitin on Mon, 10 Aug 2009 05:39:58 GMT
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Thanks to domingoad!

Adding the line
#define PCRE_EXP_DECL extern
helped me too when I tried to compile http://www.ultimatepp.org/reference$RegExp.html example under mingw+wine.

Please apply this correction.

Subject: Re: pregexp isn't compiling complaining about undefined symbols
Posted by mirek on Mon, 10 Aug 2009 06:57:57 GMT
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Applied.

I guess it needs checking in linux too...

Mirek

Subject: Re: pregexp isn't compiling complaining about undefined symbols
Posted by sergeynikitin on Tue, 11 Aug 2009 12:08:27 GMT
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Thanks.

BTW, in Linux everything is so well compiled. I do not know why this might be related.

I discovered this only after compiling under Windows.

Subject: Re: pregexp isn't compiling complaining about undefined symbols
Posted by linuxeasy on Tue, 04 Jan 2011 14:03:20 GMT
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Thanks for the info domingoad,

Actually i came across this thread while searching for the solution of the same _imp_pcre_free, _imp_pcre_malloc kind errors, and your solution worked for me.

Though my work wasn't related to ultimate++ but i was trying to compile a cppcms and was getting stuck at this error.

just for anyone who reaches here for the same error, the changes to be made in the file of cppcms is here:

cppcms-0.99.5\booster\lib\regex\src\pcre_regex.cpp

```
#define BOOSTER_SOURCE
#include <booster/regex.h>
#include <string.h>
#define PCRE_EXP_DECL extern  // <--- this is the addition.
#include <pcre.h>
```

This is probably a general error that can be encountered while compiling anything that requires pcre library on windows.
once again thanks a lot for your help.