
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](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](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.
