

## Use Greta(STL) in MFC.

**Source:** <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.mfc/2004-12/0880.html>

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I create a MFC project and use Greta which is a STL as following:

```
#include <iostream>

#include <windows.h>
#include <tchar.h>

#include "regexr2.h"

using namespace std;
using namespace regex;

void CMyDlg::OnButton1()
{
    match_results res;
    _TCHAR * ptz = _T("string test");
    rpattern pat(_T("[^\\s]+"));

    match_results::backref_type br = pat.match(ptz, res);
    if (br.matched) {
        cout << "success: " << br << endl;
    } else {
        cout << "fail" << endl;
    }
}
```

But always fail during compiling :

```
-----Configuration: try_8 - Win32 Debug-----
```

```
Compiling resources...
```

```
Compiling...
```

```
dch_try_8Dlg.cpp
```

```
regexr2.cpp
```

```
f:\microsoft visual studio\myprojects\try_8\regexr2.cpp(59) : warning
```

```
C4005: 'REGEXPR_H_INLINE' : macro redefinition
```

microsoft.public.vc.mfc: Use Greta(STL) in MFC.

f:\microsoft visual studio\myprojects\try\_8\regexpr2.cpp(57) : see  
previous definition of 'REGEXPR\_H\_INLINE'

f:\microsoft visual studio\myprojects\try\_8\regexpr2.cpp(64) : error C2006:  
#include expected a filename, found 'identifier'

f:\microsoft visual studio\myprojects\try\_8\regexpr2.cpp(64) : fatal error  
C1903: unable to recover from previous error(s); stopping compilation  
syntax2.cpp

f:\microsoft visual studio\myprojects\try\_8\syntax2.cpp(241) : fatal error  
C1010: unexpected end of file while looking for precompiled header directive

Generating Code...

Skipping... (no relevant changes detected)

dch\_try\_8.cpp

Error executing cl.exe.

dch\_try\_8.exe – 3 error(s), 1 warning(s)