Subject: RegEx Help
Posted by deep on Tue, 20 Dec 2016 12:58:15 GMT
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Hi

WIN10, Latest UPP code base using git.

My RegEx is
RegExp r0("((\\w+)\\s(\\w+)\\s(\\w+))");

My String is
"one two three one two three one two three"

for "r0.GlobalMatch("one two three one two three one two three")"

I am expecting match count to be 3 and
with result as

one two three
one two three
one two three

I am using following code

```
#include <Core/Core.h>

#include <plugin/pcre/Pcre.h>

using namespace Upp;

CONSOLE_APP_MAIN
{
 String s;
 RegExp r0("((\\w+)\\s(\\w+)\\s(\\w+))");
 if(r0.GlobalMatch("one two three one two three one two three"))
 {
  DUMP(r0.GetCount());
  for(int i = 0; i < r0.GetCount(); i++)
      s << r0[i] << '\n';
  s << "---\n";
    } else if(r0.IsError())
     s << r0.GetError() << '\n';

 s << "------------------------------\n";

 RegExp r1("(\\w+)", RegExp::UNICODE);
 int i = 0;
```

```
 while(r1.GlobalMatch("hello 4 ho 55 uuu iii pp 99 baby too swistak"))
 {
  for(int i = 0; i < r1.GetCount(); i++)
   s << r1[i] << '\n';
    }
 if(r1.IsError())
     Cout() << r1.GetError() << '\n';
 DUMP(s);
 Cout() << s ;
}
```

and I get
r0.GetCount() = 4
s = one two three
one
two
three

---
hello
4
ho
55
uuu
iii
pp
99
baby
too
swistak

If I check this on regex101.com
I get result as expected.

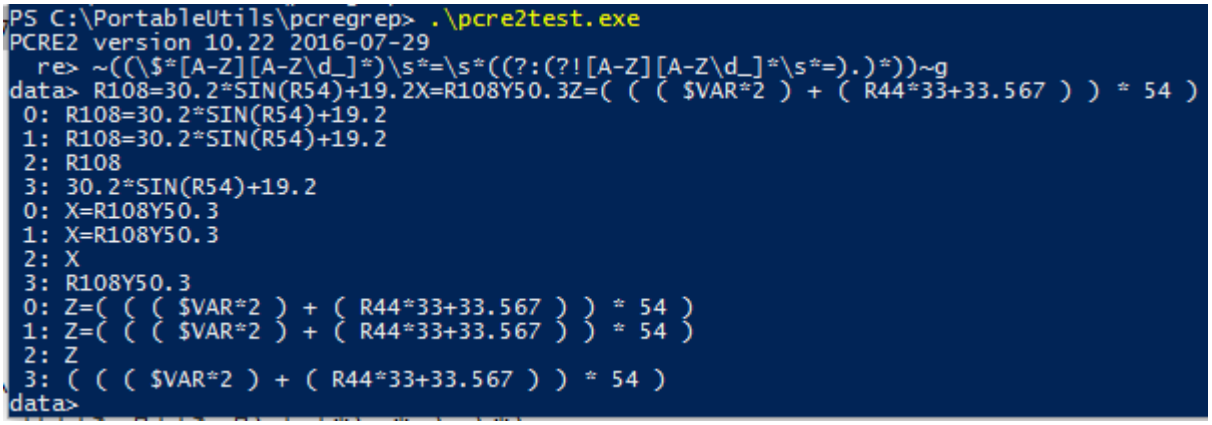
https://regex101.com/r/2wPaVN/1

What can I change in code.

I checked with command line pcre2test
Working as expected

File Attachments

1) Image 275.png, downloaded 883 times


PS C:\PortableUtils\pcregrep> .\pcre2test.exe
PCRE2 version 10.22 2016-07-29
re> ~((\$*[A-Z][A-Z\d_]*)\s*=\s*((?:(?![A-Z][A-Z\d_]*\s*=).)*))~g
data> R108=30.2*SIN(R54)+19.2X=R108Y50.3Z=((($VAR*2) + (R44*33+33.567)) * 54)
0: R108=30.2*SIN(R54)+19.2
1: R108=30.2*SIN(R54)+19.2
2: R108
3: 30.2*SIN(R54)+19.2
0: X=R108Y50.3
1: X=R108Y50.3
2: X
3: R108Y50.3
0: Z=((($VAR*2) + (R44*33+33.567)) * 54)
1: Z=((($VAR*2) + (R44*33+33.567)) * 54)
2: Z
3: ((($VAR*2) + (R44*33+33.567)) * 54)
data>