
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/pcr/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](https://regex101.com/r/2wPaVN/1)
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 375 times

Subject: Re: RegEx Help

Posted by [deep](#) on Wed, 21 Dec 2016 07:40:53 GMT

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Hi,

I missed the later part of code. It is there in my code sample.

It is working. "GlobalMatch" should run in while loop.

```
RegExp r0("((\\w+)\\s(\\w+)\\s(\\w+))");
while(r0.GlobalMatch("one two three one1 two1 three1 one2 two2 three2"))
{
    DUMP(r0.GetCount());
    for(int i = 0; i < r0.GetCount(); i++)
        s << r0[i] << '\n';
    s << "---\n";
}
DUMP(s)
```

And output

one two three

one

two

three

one1 two1 three1

one1

two1

three1

one2 two2 three2

one2

two2

three2
