

Re: Regex repeating capture

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007-01/msg04448.html>

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 - *Date:* 30 Jan 2007 09:08:47 -0800
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Sorry, this was a simple example. In all, there are 50+ identifiers and * is allowed in that data as long it isn't immediately followed by an identifier, otherwise it is considered another identifier.

On Jan 30, 11:58 am, "Peter Bradley" <pbrad...@xxxxxxxxxxxx> wrote:

Use:

```
public string[] Split (  
    params char[] separator  
)  
to split your string on the asterisk as a first step.
```

Now you can enumerate over the string array splitting out your identifiers and data strings. You could use a StringBuilder to build what ever you want to output.

Now you can use:

```
public bool StartsWith (  
    string value  
)andpublic string Substring (  
    int startIndex  
)e.g.StringBuilder sb = new StringBuilder();  
foreach (string s in strArray)  
{  
    if (s.StartsWith("CZ")  
    {  
        sb.Append("CZ");  
        sb.Append(s.Substring(2));  
    }  
    else  
    {  
        sb.Append("fuuu");  
        sb.Append(s.Substring(4))  
    }  
}  
  
}return sb.ToString();
```

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I'm sure there's an easier way using a Regex, but I can't be bothered to puzzle it out.

HTH

Peter

<jayluc...@xxxxxxxx> wrote in
messagenews:1170174574.488763.29890@xx

Howdy,

I'm trying to break an input string into multiple pieces using a series of delimiters that start with an asterisk. Following the asterisk is a multiple character identifier immediately followed by a data string of variable length. The input string may contain more than one identifier anywhere in the string.

Here is an example:

*CZ1 2.3 4-56 *fuuuS24364 08 23 72

I'd like to break this into

CZ

1 2.3 4-56

fuuu

S24364 08 23 72

I have tried the pattern `(?:*(CZ|fuuu)(.*))`, which produces the following output:

CZ

1 2.3 4-56 *fuuuS24364 08 23 72

How can I force it to repeat the capturing?

Thanks,

Jay

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