

Re: regex – better way?

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2004-10/6541.html>

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Date: 10/29/04

Date: Fri, 29 Oct 2004 12:16:03 +0200

I would recommend not using regular expression, but rather load all keys and values from the file into a hashtable and work with that. It is a very smooth way. This is a code sample how you would do it:

<code>

```
// Load the file (filename).
StreamReader sr = new StreamReader(filename);
Hashtable infoTable = new Hashtable();
string [] kvPair = null;
string line = null;
while (null != (line = sr.ReadLine()))
{
    kvPair = line.Split('=');
    infoTable.Add(kvPair [0].Trim(), kvPair [1].Trim());
}
sr.Close();
// Print all keys and values.
IDictionaryEnumerator de = infoTable.GetEnumerator();
while (de.MoveNext())
{
    Console.WriteLine("{0} = {1}", de.Key, de.Value);
}
// Print the user name.
Console.WriteLine("The user is {0}.", infoTable
["User-Name"].ToString());
```

</code>

You might want to check that kvPair really has two elements, before putting it into the table, and also handle eventual exceptions thrown when you try to open the file.

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Regards,

Dennis JD Myrén

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"rjb" <RJB@no_spam_VP.PL> wrote in message news:clt3v6\$8jl\$1@news.onet.pl...

> Hi!

>

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microsoft.public.dotnet.languages.csharp: Re: regex – better way?

```
> Could somebody have a look and help me to optimize the code below.
> It may look like very bad way of coding, but this stuff is very, very new
> for me.
>
> I've included just few lines.
>
> Regex regxUserName = new Regex(@"(?<=User-Name = )\""([^\"]+)\\"",
> RegexOptions.None);
> Regex regxSessionId = new Regex(@"(?<=Acct-Multi-Session-Id
> = )\""([^\"]+)\\"", RegexOptions.None);
> Regex regxInputGigawords = new Regex(@"(?<=Acct-Input-Gigawords = )\w*",
> RegexOptions.None);
> .
> .
> .
>
> Match mt = regxUserName.Match(sb.ToString());
> strUserName = mt.Groups[1].ToString();
> Match mt2 = regxSessionId.Match(sb.ToString());
> strSessionId = mt2.Groups[1].ToString();
> Match mt3 = regxInputGigawords.Match(sb.ToString());
> strInputGigawords = mt3.Groups[0].ToString();
> .
> .
> .
>
> I'm using this to extract data from the following file.
>
> Mon Sep 27 22:17:15 2004
> Acct-Status-Type = Interim-Update
> User-Name = "0007933B22B9"
> NAS-IP-Address = 192.168.10.40
> Service-Type = DATA
> Acct-Multi-Session-Id = "147738"
> Acct-Session-Id = "3"
> Acct-Delay-Time = 0
> Event-Timestamp = 1096323434
> Acct-Session-Time = 153766
> Acct-Input-Gigawords = 0
> Acct-Output-Gigawords = 0
> Acct-Input-Octets = 17970689
> Acct-Output-Octets = 8331353
> Acct-Terminate-Cause = 0
> Framed-IP-Address = 0.0.0.0
> Acct-Input-Packets = 0
> Acct-Output-Packets = 0
> NAS-Port-Type = Async
> NAS-Port-Id = 0
>
>
> thank you
> rjb
>
>
```