

Forum:[Hack Forums](#)

Thread: [Splitting up a string](#)

SIM-574702 - March 30, 2015, 6:06 pm

I have some experience in C programming but I'm trying to make an app that uses API to show some data. When request it sent to API it returns all the data in one single line like this

Code

```
{"mate":{"id":34467414,"name":"Mate","profileIconId":15,"summonerLevel":30,"revisionDate":1424799210000}}
```

I've got requesting part covered from another tutorial but he just showed whole HTML source of youtube.com in one textbox. What I need is to split received data into 4 string variables, id,name,icon and level where each will contain only data between " ".

Hiio - March 30, 2015, 6:20 pm

Use JSON.net to parse the information.

<http://www.newtonsoft.com/json>

SIM-1676753 - March 30, 2015, 6:37 pm

You can use the [DataContractJsonSerializer](#) class.

Example of it's use:

<https://gist.github.com/PatPositron/10076559>

<https://gist.github.com/PatPositron/cc2007bfcffb08708061>

SIM-574702 - March 30, 2015, 7:06 pm

I'm not looking for something that complicated. I just want to split string on specific places by using basic commands. I'm doing this for myself because I need more examples of working with strings.

This is what I made by following couple of tutorials. I know that I should've created functions instead of having everything under Button_Click but I'm just wondering if this is done properly with using basic commands.

Code Imports System.Net

Imports System.IO

Public Class Form1

Private Function getData(ByVal Address As String) As String

Dim rt As String = ""

Dim wRequest As WebRequest

Dim wResponse As WebResponse

Dim SR As StreamReader

wRequest = WebRequest.Create(Address)

wResponse = wRequest.GetResponse

SR = New StreamReader(wResponse.GetResponseStream)

```

    rt = SR.ReadToEnd
    SR.Close()

    Return rt
End Function

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles Button1.Click
    Dim temp(20) As String

    TextBox2.Text = getData(TextBox1.Text)

    Dim input As String = getData(TextBox1.Text)
    Dim rawData() As String
    rawData = input.Split(",")

    'Testing array data
    For i = 0 To rawData.Length - 1
        MsgBox(rawData(i))
    Next

    temp = rawData(0).Split(":")
    Dim ID As String = temp(2)
    ID = ID.Replace("''''''", "")
    MsgBox(ID)

    temp = rawData(1).Split(":")
    Dim name As String = temp(1)
    name = name.Replace("''''''", "")
    MsgBox(name)

End Sub

End Class

```

Hiirio - March 30, 2015, 10:26 pm

(Mar 30, 2015 07:06 PM)matemistic Wrote: [CITE](#) I'm not looking for something that complicated. I just want to split string on specific places by using basic commands. I'm doing this for myself because I need more examples of working with strings.

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```
Dim name As String = temp(1)
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```
name = name.Replace("''''", "")
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```
MsgBox(name)
```

```
End Sub
```

End Class

Look into Regex if you don't want to handle the JSON with a Deserializer.

Ninja - March 31, 2015, 3:05 pm

JSON parsing would be the best option, but you could always do this:

```
Dim SplitString As String() = Variable.Split("characterhere")
```

or Regex, which might be a better option.