

Forum: [Hack Forums](#)

Thread: [JSON Parsing Help](#)

xDowwdeen - November 26, 2018, 6:11 am

Hey Guys,

I am a little stuck at the moment with Parsing some JSON due to the way it gets output.

I am using Json.NET by Newtonsoft, and have used it many times before.

So my problem is that with this JSON output here: <https://pastebin.com/gE1QUCK3>

When I create the class for it to use Json.NET I get this as an output here:

<https://pastebin.com/1Q4nCg7E>

Which doesn't work as the shows can be different depending on the user, and the obviously the class names also go as numbers.

Does anyone know of a way that I could either create like the class at runtime or dynamically create an object. Then be able to loop through the object.

For extra info this is the API Documentation here: <http://sickbeard.com/api/>

Many Thanks

-xDowwdeen

Nick (Name) - November 26, 2018, 10:11 am

Check out <https://jsonutils.com/> for creating classes based off of JSON responses.

xDowwdeen - November 26, 2018, 12:46 pm

(Nov 26, 2018 11:11 AM)Nick (Name) Wrote: [\[CITE\]](#) Check out <https://jsonutils.com/> for creating classes based off of JSON responses.

This was where i has created the class I have put on the pastebin

sdK - November 26, 2018, 1:08 pm

I don't know VB.NET so I can't provide any code sadly, but a simple way inmo would to be looping through "data" objects properties (because this is what they would be treated as) then creating a class (Result per example) and creating a Result object via the data.x children and adding that to a List.

Code loop through response.data

```
Result = new Result(item);  
listX.add(Result)
```

CodeAssassin - November 26, 2018, 9:26 pm

Have a look and play with this website to get the data structure you need.

Hope this helps you :)

<https://app.quicktype.io?share=Ap8zYxudqjrTPcF7qLsT>

S2K - November 27, 2018, 3:23 am

I'm no longer coding in .net but I was used this website before: <http://json2csharp.com>

xDowwdeen - November 27, 2018, 3:31 am

(Nov 26, 2018 10:26 PM)CodeAssassin Wrote: [\[CITE\]](#) Have a look and play with this website to get the data structure you need.

Hope this helps you :)

<https://app.quicktype.io?share=Ap8zYxudqjrTPcF7qLsT>

(Nov 27, 2018 04:23 AM)Ms-DOs Wrote: [\[CITE\]](#) I'm no longer coding in .net but I was used this website before: <http://json2csharp.com>

Hi Guys,

Thanks for your help, I am already been using the <https://jsonutils.com/> website to help making my VB.NET classes, which works normally however with the JSON response that I get given it doesn't like create the list into an array.

Please see here the output I get given from <https://jsonutils.com/> >> [<https://pastebin.com/1Q4nCc7E>]

It's creating its own class for each of the TV shows that are in the database. However this changes depending on the user that would be using the program.

Hope this makes a bit more sense.

-xDowwdeen

stefstot - November 27, 2018, 9:41 am

data is of type Dictionary<string, object>

```
Code Public Class DataEntry
    Public Property air_by_date As Integer
    Public Property anime As Integer
    Public Property cache As Cache
    Public Property indexerid As Integer
    Public Property language As String
    Public Property network As String
    Public Property next_ep_airstdate As String
    Public Property paused As Integer
    Public Property quality As String
    Public Property show_name As String
    Public Property sports As Integer
    Public Property status As String
    Public Property subtitles As Integer
    Public Property tvdbid As Integer
End Class
```

Public Class Entries

```
<JsonProperty(PropertyName:="data")>
Public Property Data As Dictionary(Of String, DataEntry)
End Class
```

xDowwdeen - November 27, 2018, 10:06 am

(Nov 27, 2018 10:41 AM)stefsot Wrote: [\[CITE\]](#) data is of type Dictionary<string, object>

```
Code Public Class DataEntry
Public Property air_by_date As Integer
Public Property anime As Integer
Public Property cache As Cache
Public Property indexerid As Integer
Public Property language As String
Public Property network As String
Public Property next_ep_aired As String
Public Property paused As Integer
Public Property quality As String
Public Property show_name As String
Public Property sports As Integer
Public Property status As String
Public Property subtitles As Integer
Public Property tvdbid As Integer
End Class
```

```
Public Class Entries
<JsonProperty(PropertyName:="data")>
Public Property Data As Dictionary(Of String, DataEntry)
End Class
```

Ahhh many thanks. I can see how that works :)

Thank soo much for your help :)

-xDowwdeen

th3s3cr3t0n3 - December 3, 2018, 6:15 am

I don't get this. Like, I looked at the pastebin. Is all of this code really necessary?

Can't you make a simple template class with matching data types and just serialise/deserialise?

I use Newtonsoft, and I have to serialise/deserialise all the time. Works fine, using complex types. I just create basic template classes to work with. What you have there baffles me, I'd start from scratch.