

PHP var_dump in C# to dump array or objects? [duplicate]

Asked 5 years, 3 months ago Active 1 year, 6 months ago Viewed 30k times



14

This question already has an answer here:

[What is the .NET equivalent of PHP var_dump?](#) 5 answers



I need to dump the content of arrays or objects and I am interested to know if in C# we have something like PHP instruction `var_dump` .



The objective is to not build a loop to use every property or content of array or object and print with `Console.WriteLine` .

`c#`

edited May 23 '14 at 8:57



ChrFin

18.4k 9 57 93

asked May 23 '14 at 8:55



David

2,316 5 21 39

marked as duplicate by [nawfal](#) `c#` Mar 24 '16 at 8:37

This question has been asked before and already has an answer. If those answers do not fully address your question, please [ask a new question](#).

You don't want to use the built-in inspection tools in visual studio? like quickwatch? – [scheien](#) May 23 '14 at 9:34

You could serialize it to JSON string with `JsonConvert.SerializeObject(myVar)` – [Mladen B.](#) Mar 26 at 8:10

4 Answers

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It would not automatically include "every property or content of array or object" into the output, though - if you want that to happen, you need to override the `ToString` method of the object being printed:

```
class MyObject {  
    public string Name {get;set;}  
    public DateTime Dob {get;set;}  
    public override string ToString() {  
        return string.Format("{0} - {1}", Name, Dob);  
    }  
}
```

edited Mar 16 '18 at 9:58



Community ♦

1 1

answered May 23 '14 at 8:59



dasblinkenlight

630k 63 847 1258

I think there aren't direct equivalent of `var_dump` php function.

3

You must use reflection to write an equivalent function.

If you search in web, you can easily find code which do it.

For example : http://ruuddottech.blogspot.fr/2009/07/php-var_dump-method-for-c.html

answered May 23 '14 at 9:07



binard

1,196 1 14 26

When you insert a break point you can easily view the contents of an array by hovering your mouse over it.

3

or any of these:

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```
    Console.WriteLine(item.ToString());  
}
```

If you don't want to have every item on a separate line use Console.Write:

```
int[] array = new int[] { 1, 2, 3 };  
foreach(var item in array)  
{  
    Console.Write(item.ToString());  
}
```

or string.Join (in .NET Framework 4 or later):

```
int[] array = new int[] { 1, 2, 3 };  
Console.WriteLine(string.Join(",", array));
```

from this question: [How to print contents of array horizontally?](#)

edited May 23 '17 at 12:06



Community ♦

1 1

answered May 23 '14 at 8:57



Stijn Bernards

922 10 28

the idea is not to use loops just one instruction and print it in console directly – David May 23 '14 at 9:00

@David Look at the last one. – Stijn Bernards May 23 '14 at 9:00

I didnt see it true, my idea i need to see Keys and values inserted inside SESSION – David May 23 '14 at 9:01

@David I think you should just use a forloop. Why don't you want to? – Stijn Bernards May 23 '14 at 9:05

because I want it as a simple line like var_dump , Console.WriteLine(string.Join(",", array));, is good for me – David May 23 '14 at 21:37



I know you want to avoid loop, but if its just for the sake of writing multiple lines of code, below is a one liner loop that could allow you to print data with single line for Objects extend ForEach Method

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answered Nov 26 '14 at 15:33

[Ronak Agrawal](#)

621 13 43

var_dump can print any value of one object ... classes, integers, any simply with vardump(object_variable), the idea is not to make a loop – [David](#)
Mar 27 at 8:08 

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