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

8.4k 9 57

asked May 23 '14 at 8:55



avid

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.

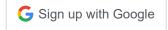
You don't want to use the built-in inspection tools in visual studio? like quickwatch? - scheien May 23 '14 at 9:34

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);
   }
}
```



answered May 23 '14 at 8:59





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-vardump-method-for-c.html

answered May 23 '14 at 9:07 binard



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?



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



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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