

1 System.Runtime.InteropServices.CharSet 2 Enum

3
4

```
5 [ILASM]  
6 .class public sealed serializable CharSet extends  
7 System.Enum  
8  
9 [C#]  
10 public enum CharSet
```

10 Assembly Info:

- 11 • *Name:* mscorlib
- 12 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 13 • *Version:* 1.0.x.x
- 14 • *Attributes:*
 - 15 ○ CLSCompliantAttribute(true)

16 Summary

17

18 Specifies which character set marshaled strings are required to use.

19 Inherits From: System.Enum

20

21 **Library:** RuntimeInfrastructure

22

23 Description

24 This enumeration is used by the
25 **System.Runtime.InteropServices.DllImportAttribute** to indicate
26 the required modifications to the **System.String** arguments of an
27 imported function.

28

29 *[Note: See the*
30 **System.Runtime.InteropServices.DllImportAttribute** class
31 overview for an example that uses the
32 **System.Runtime.InteropServices.CharSet** enumeration.]

33

1 CharSet.Ansi Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Runtime.InteropServices.CharSet Ansi = 2  
  
5 [C#]  
6 Ansi = 2
```

7 Summary

8 Specifies that strings will be marshaled in the ANSI character set.

9

1 CharSet.Auto Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Runtime.InteropServices.CharSet Auto = 4  
  
5 [C#]  
6 Auto = 4
```

7 Summary

8 Specifies that strings will be automatically marshaled in the character
9 set appropriate for the target system (either Unicode or ANSI).

10

1 CharSet.Unicode Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Runtime.InteropServices.CharSet Unicode = 3  
  
5 [C#]  
6 Unicode = 3
```

7 Summary

8 Specifies that strings will be marshaled in the Unicode character set.

9