

1 System.Runtime.InteropServices.CharSet

2 Enum

```
3 [ILAsm]  
4 .class public sealed serializable CharSet extends System.Enum  
5 [C#]  
6 public enum CharSet
```

7 Assembly Info:

- 8 • *Name:* mscorlib
- 9 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- 10 • *Version:* 2.0.x.x
- 11 • *Attributes:*
 - 12 ○ CLSCompliantAttribute(true)

13 Summary

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

15 Inherits From: System.Enum

16

17 **Library:** RuntimeInfrastructure

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19 Description

20 This enumeration is used by the
21 `System.Runtime.InteropServices.DllImportAttribute` to indicate the required
22 modifications to the `System.String` arguments of an imported function.

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24 [*Note:* See the `System.Runtime.InteropServices.DllImportAttribute` class overview
25 for an example that uses the `System.Runtime.InteropServices.CharSet`
26 enumeration.]

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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.

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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 set appropriate for
9 the target system (either Unicode or ANSI).

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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.

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