

System.Runtime.InteropServices.CharSet Enum

```
[ILASM]
.class public sealed serializable CharSet extends
System.Enum

[C#]
public enum CharSet
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- *Version:* 1.0.x.x
- *Attributes:*
 - CLSCompliantAttribute(true)

Summary

Specifies which character set marshaled strings are required to use.

Inherits From: System.Enum

Library: RuntimeInfrastructure

Description

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

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

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