

System.IFormatProvider Interface

```
[ILASM]
.class interface public abstract IFormatProvider

[C#]
public interface IFormatProvider
```

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

Implemented by classes that supply objects that provide formatting services.

Library: BCL

Description

[*Note:* When a *format specifier* includes symbols that vary by culture, such as the currency symbol included by the "C" and "c" formats, a *formatting object* supplies the actual characters used in a string representation of a numeric value. For example, a formatting object may supply "\$" for the currency symbol. The formatting object for system-supplied numeric types is a **System.Globalization.NumberFormatInfo** instance. For **System.DateTime** instances, a **System.Globalization.DateTimeFormatInfo** is used.

System.IFormatProvider contains the **System.IFormatProvider.GetFormat** method. The consumer of an object should call this method to obtain a formatting object.]

IFormatProvider.GetFormat(System.Type) Method

```
[ILASM]
.method public hidebysig virtual abstract object
GetFormat(class System.Type formatType)

[C#]
object GetFormat(Type formatType)
```

Summary

Returns a **System.Object** that provides formatting services.

Parameters

Parameter	Description
<i>formatType</i>	The System.Type of the formatting object to be returned.

Return Value

A formatting object of the specified **System.Type**. If no formatting object of the specified type is available, or *formatType* is a null reference, returns the formatting object for the current culture.

Behaviors

As described above.

How and When to Override

Implement in classes that provide formatting objects for use in methods that generate or parse string representations of objects, such as **ToString** and **Parse**.