

System.INullableValue Interface

```
[ILAsm]
.class interface public abstract INullableValue

[C#]
public interface INullableValue
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
 - CLSCompliantAttribute(true)

Summary

Supported by types that either have a value or an indication of the absence of a value.

Library: BCL

Description

An object that supports the `System.INullableValue` interface can be tested via the property `System.INullableValue.HasValue` to see if that object currently contains a value. If it does, that value can be retrieved via the property `System.INullableValue.Value`. Otherwise, that object contains no value.

1 I NullableValue.HasValue Property

```
2 [ILAsm]  
3 .property bool HasValue { public hidebysig virtual abstract specialname  
4 bool get_HasValue() }  
  
5 [C#]  
6 bool HasValue { get; }
```

7 Summary

8 Indicates whether the current instance contains a value.

9 Property Value

10
11 true if the current instance contains a value; otherwise false.

12 Behaviors

13 If System.INullableValue.HasValue is true, the instance contains a value, and
14 System.INullableValue.Value returns that value.

15
16 If System.INullableValue.HasValue is false, the instance contains no value, and an
17 attempt to read System.INullableValue.Value results in a
18 System.InvalidOperationException.

19
20 This property is read-only.

INullableValue.Value Property

```
[ILAsm]  
.property object Value { public hidebysig virtual abstract specialname  
object get_Value() }  
  
[C#]  
object Value { get; }
```

Summary

Gets the value, if any, of the current instance.

Property Value

The value of the current instance.

Behaviors

If `System.INullableValue.HasValue` is true, the instance contains a value, and `System.INullableValue.Value` returns that value.

If `System.INullableValue.HasValue` is false, the instance contains no value, and an attempt to read `System.INullableValue.Value` results in a `System.InvalidOperationException`.

This property is read-only.

Exceptions

Exception	Condition
<code>System.InvalidOperationException</code>	<code>System.INullableValue.HasValue</code> is false.