

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

INullableValue.HasValue Property

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

Summary

Indicates whether the current instance contains a value.

Property Value

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

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.

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