

System.Comparison<T> Delegate

```
[ILAsm]
.class public sealed serializable Comparison`1<T> extends
System.Delegate { .method public hidebysig newslot virtual instance
int32 Invoke(!0 x, !0 y) }

[C#]
public delegate int Comparison<T>(T x, T y);
```

Assembly Info:

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

Implements:

- **System.ICloneable**

Summary

Represents the method that compares two objects of the same type.

Parameters

Parameter	Description
<i>x</i>	The first object to compare.
<i>y</i>	The second object to compare.

Inherits From: System.Delegate

Library: BCL

Returns

A `System.Int32` containing a value that reflects the sort order of the objects.

Value	Condition
Less than zero	<i>x</i> is less than <i>y</i> .
Zero	<i>x</i> equals <i>y</i> .
Greater than zero	<i>x</i> is greater than <i>y</i> .

Description

[*Note:* This delegate is used by the method `System.Array.Sort (T[], Comparison<T>)`, and in `System.Collections.Generic.List<T>` to sort the elements of the collection.

]