

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 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 |
|-----------|-------------------------------|
| x | The first object to compare. |
| y | 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 | x is less than y . |
| Zero | x equals y . |
| Greater than zero | x is greater than y . |

1

2 Description

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

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