

## LinksPlatform's Platform.Comparers Class Library

### ./Comparer.cs

```
1 using System;
2 using System.Collections;
3
4 #pragma warning disable CS1591 // Missing XML comment for publicly visible type or member
5
6 namespace Platform.Comparers
7 {
8     public class Comparer : IComparer
9     {
10         private readonly Func<object, object, int> _compare;
11
12         public Comparer(IComparer comparer)
13             : this(comparer.Compare)
14         {
15         }
16
17         public Comparer(Func<object, object, int> compare) => _compare = compare;
18
19         public int Compare(object x, object y) => _compare(x, y);
20
21         public static implicit operator Comparer(Func<object, object, int> compare) => new
22             ↳ Comparer(compare);
23
24         public static implicit operator Func<object, object, int>(Comparer comparer) =>
25             ↳ comparer._compare;
26     }
27 }
```

### ./Comparer[T].cs

```
1 using System;
2 using System.Collections.Generic;
3
4 #pragma warning disable CS1591 // Missing XML comment for publicly visible type or member
5
6 namespace Platform.Comparers
7 {
8     public class Comparer<T> : IComparer<T>
9     {
10         private readonly Func<T, T, int> _compare;
11
12         public Comparer(IComparer<T> comparer)
13             : this(comparer.Compare)
14         {
15         }
16
17         public Comparer(Func<T, T, int> compare) => _compare = compare;
18
19         public int Compare(T x, T y) => _compare(x, y);
20
21         public static implicit operator Comparer<T>(Func<T, T, int> compare) => new
22             ↳ Comparer<T>(compare);
23
24         public static implicit operator Func<T, T, int>(Comparer<T> comparer) =>
25             ↳ comparer._compare;
26     }
27 }
```

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