

C-Sharp Collection Comparison

The utility class `Ice.CollectionComparer` allows you to compare collections for equality:

C#

```
public class CollectionComparer {  
    public static bool  
        Equals(System.Collections.IDictionary d1, System.Collections.IDictionary d2);  
  
    public static bool  
        Equals(System.Collections.ICollection c1, System.Collections.ICollection c2);  
  
    public static bool  
        Equals(System.Collections.IEnumerable c1, System.Collections.IEnumerable c2);  
}
```

Equality of the elements in a collection is determined by calling the elements' `Equals` method.

Two dictionaries are equal if they contain the same number of entries with identical keys and values.

Two collections that derive from `ICollection` or `IEnumerable` are equal if they contain the same number of entries and entries compare equal. Note that order is significant, so corresponding entries must not only be equal but must also appear in the same position.

See Also

- [C-Sharp Mapping for Identifiers](#)
- [C-Sharp Mapping for Modules](#)
- [C-Sharp Mapping for Built-In Types](#)
- [C-Sharp Mapping for Enumerations](#)
- [C-Sharp Mapping for Structures](#)
- [C-Sharp Mapping for Sequences](#)
- [C-Sharp Mapping for Dictionaries](#)
- [C-Sharp Mapping for Constants](#)
- [C-Sharp Mapping for Exceptions](#)