

# 1 System.IEquatable<T> Interface

```
2 [ILAsm]  
3 .class interface public abstract IEquatable`1<T>  
4 [C#]  
5 public interface IEquatable<T>
```

## 6 Assembly Info:

- 7 • *Name:* mscorlib
- 8 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- 9 • *Version:* 2.0.x.x
- 10 • *Attributes:*
  - 11 ○ CLSCompliantAttribute(true)

## 12 Summary

13 Defines generalized equality methods that a value type or class implements to create a  
14 type-specific equality method.

15 **Library:** BCL

16

## 17 Description

18 This interface is implemented by types whose values can be ordered; for example, the  
19 numeric and string classes.

20

# 1 IEquatable<T>.Equals(T) Method

```
2 [ILAsm]  
3 .method public hidebysig virtual abstract bool Equals(!0 obj)  
4 [C#]  
5 bool Equals(T obj)
```

## 6 Summary

7 Determines whether the specified object is equal to the current object.

## 8 Parameters

Parameter	Description
<i>obj</i>	The T to compare to the current instance.

9

## 10 Return Value

11 true if the specified object is equal to the current object; otherwise, false.

## 12 Description

13 [Note: It is up to the implementation to define equality.]  
14  
15

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