

System.IEquatable<T> Interface

```
[ILAsm]
.class interface public abstract IEquatable`1<T>

[C#]
public interface IEquatable<T>
```

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)

Summary

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

Library: BCL

Description

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

I Equatable<T>.Equals(T) Method

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

Summary

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

Parameters

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

Return Value

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

Description

[*Note:* It is up to the implementation to define equality.]