

System.Predicate<T> Delegate

```
[ILAsm]
.class public sealed serializable Predicate`1<T> extends System.Delegate
{.method public hidebysig newslot virtual instance bool Invoke(!0 obj) }

[C#]
public delegate bool Predicate<T>(T obj);
```

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 defines a Boolean query on an object.

Parameters

Parameter	Description
<i>obj</i>	The object to compare against the Boolean query defined within the method represented by this delegate.

Inherits From: System.Delegate

Library: BCL

Returns

true if *obj* meets the criteria defined within the method represented by this delegate;
otherwise, false.

Description

1 Predicate methods are expected to not throw exceptions. If they do throw exceptions,
2 other methods that use that delegate might exhibit unspecified behavior. It is also
3 intended that predicate methods not produce side-effects; however, such methods need
4 not be thread safe.

5
6 [*Note:* This delegate is used by several methods in `System.Array`, and in
7 `System.Collections.Generic.List<T>` to search for elements in the collection.

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