System.Action Delegate

```
[ILAsm]
.class public sealed System.Action extends System.MulticastDelegate

[C#]
public delegate void Action();
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 4.0.0.0
- *Attributes:*
  - CLSCompliantAttribute(true)

Summary

Encapsulates a method that has no parameters and does not return a value.

Inherits From: System.MulticastDelegate

Library: BCL

Description

You can use this delegate to pass a method as a parameter without explicitly declaring a custom delegate. The encapsulated method must correspond to the method signature that is defined by this delegate. This means that the encapsulated method must have no parameters and no return value. Typically, such a method is used to perform an operation.

[*Note:* To reference a method that has no parameters and returns a value, use the generic `System.Func`1<TResult>` delegate instead.

]

When you use the `System.Action` delegate, you do not have to explicitly define a delegate that encapsulates a parameterless procedure.

You can also use the `System.Action` delegate with anonymous methods in C#. (For an introduction to anonymous methods, see the C# standard.)