

System.Action<-T1,-T2,-T3,-T4,-T5,-T6,-T7> Delegate

```
[ILAsm]
.class public sealed System.Action`7<-T1,-T2,-T3, -T4, -T5, -T6, -T7>
extends System.MulticastDelegate

[C#]
public delegate void Action<in T1,in T2,in T3,in T4,in T5,in T6,in T7>(T1
arg1, T2 arg2, T3 arg3, T4 arg4, T5 arg5, T6 arg6, T7 arg7);
```

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 seven parameters and does not return a value.

Parameters

Parameter	Description
<i>arg1</i>	The first parameter of the method that this delegate encapsulates.
<i>arg2</i>	The second parameter of the method that this delegate encapsulates.
<i>arg3</i>	The third parameter of the method that this delegate encapsulates.
<i>arg4</i>	The fourth parameter of the method that this delegate encapsulates.
<i>arg5</i>	The fifth parameter of the method that this delegate encapsulates.
<i>arg6</i>	The sixth parameter of the method that this delegate encapsulates.
<i>arg7</i>	The seventh parameter of the method that this delegate encapsulates.

Inherits From: System.MulticastDelegate

Library: BCL

Description

You can use the `System.Action`7<T1,T2,T3,T4,T5,T6,T7>` 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 seven parameters that are all passed to it by value, and it must not return a value. Typically, such a method is used to perform an operation.

[*Note:* To reference a method that has seven parameters and returns a value, use the generic `System.Func`8<T1,T2,T3,T4,T5,T6,T7,TResult>` delegate instead.

]