

delegate BeginInvoke of IAsyncResult

```
using System;
using System.Threading;

class AsyncDelegatesBlocked
{
public static int Add(int op1, int op2, out int result)
{
Thread.Sleep(3000);
return (result = op1 + op2);
}
public delegate int AddDelegate(int op1, int op2, out int
result);

static void Main()
{
int result;
AddDelegate add = new AddDelegate(Add);

IAsyncResult iAR = add.BeginInvoke(6, 42, out result, null,
null);

for (int i = 0; i < 10; i++) { Thread.Sleep(200);
Console.Write("."); } iAR.AsyncWaitHandle.WaitOne();
add.EndInvoke(out result, iAR); Console.WriteLine("[Main] The
result is {0}", result); } } [/csharp]
```