FOSE CLEANAGES

fost delegates

public delegate void AddDelegate(int a, int b, out int result);

fost deleas

public delegate void AddDelegate(int a, int b, out int result);
public AddDelegate addFunction;

fost delegates

```
private static void Add(int a, int b, out int result)

result = a + b;

}
```

fost deleas

```
private static void Add(int a, int b, out int result)
result = a + b;
public static void Main(object[] args)
addfunction = Add;
```

fost deleas

```
private static void Add(int a, int b, out int result)
result = a + b;
public static void Main(object[] args)
  addFunction = Add;
addFunction(100, 200, out result);
```

Multicast delegates

```
public AddDelegate multiAddFunction;
public static void Main(object[] args)
{
   multiAddFunction = Add1;
   multiAddFunction += Add2;
}
```

Multicast delegates

```
public AddDelegate multiAddFunction;

public static void Main(object[] args)

multiAddFunction = Add1;

multiAddFunction += Add2;

multiAddFunction(100, 200, out result);
}
```



```
public delegate void MyDelegate();
public MyDelegate myFunc = () => { };
```

ACLE

ACLE

```
public static void Main(object[] args)
{
    myFunc = () => { };
    myFunc += GetDelegateOrMaybeNull();
    myFunc();
}
```



```
public static void Main(object[] args)
{
    myFunc = () => { };
    myFunc += GetDelegateOrMaybeNull();
    myFunc();
}
```

Don't do this! The code is twice as slow now. Always use unicast delegates and check for null

Fast deleas

- Use delegates in your code where it's convenient.
 Remove delegates from mission critical code sections for a 9% performance boost.
- Always avoid multicast delegates in mission critical code, they are more than twice as slow as unicast delegates.