

System.Runtime.InteropServices.GCHandleType Enum

```
[ILAsm]
.class public sealed serializable GCHandleType extends System.Enum

[C#]
public enum GCHandleType
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
 - CLSCompliantAttribute(true)

Summary

Represents the types of handles the `System.Runtime.InteropServices.GCHandle` class can allocate.

Inherits From: `System.Enum`

Library: `RuntimeInfrastructure`

GCHandleType.Normal Field

```
[ILAsm]
.field public static literal valuetype
System.Runtime.InteropServices.GCHandleType Normal = 2

[C#]
Normal = 2
```

Summary

A `System.Runtime.InteropServices.GCHandleType.Normal` is an opaque handle, and the address of the object it references cannot be resolved through it. The `System.Runtime.InteropServices.GCHandleType.Normal` also prevents the collection of the referenced object by the GC.

GCHandleType.Pinned Field

```
[ILAsm]
.field public static literal valuetype
System.Runtime.InteropServices.GCHandleType Pinned = 3

[C#]
Pinned = 3
```

Summary

Similar to `System.Runtime.InteropServices.GCHandleType.Normal`, but allows the address of the object, which the current `System.Runtime.InteropServices.GCHandle` represents to be taken.