System.Runtime.InteropServices.GCHandl eType 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 00]
- *Version:* 1.0.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.