

1 System.Runtime.InteropServices.GCHandleType 2 Enum

```
3 [ILAsm]  
4 .class public sealed serializable GCHandleType extends System.Enum  
5 [C#]  
6 public enum GCHandleType
```

7 Assembly Info:

- 8 • *Name:* mscorlib
- 9 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- 10 • *Version:* 2.0.x.x
- 11 • *Attributes:*
 - 12 ○ CLSCompliantAttribute(true)

13 Summary

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

16 **Inherits From:** System.Enum

17

18 **Library:** RuntimeInfrastructure

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1 GCHandleType.Normal Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Runtime.InteropServices.GCHandleType Normal = 2  
  
5 [C#]  
6 Normal = 2
```

7 Summary

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

12

1 GCHandleType.Pinned Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Runtime.InteropServices.GCHandleType Pinned = 3  
  
5 [C#]  
6 Pinned = 3
```

7 Summary

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

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