Timeout.Infinite Field

Namespace: System.Threading

Assemblies: mscorlib.dll, System.Runtime.dll

In this article

Definition

Remarks

Applies to

A constant used to specify an infinite waiting period, for threading methods that accept an Int32 parameter.

C#	🗗 Copy

```C#
public const int Infinite = -1;
```

Field Value

Int32

Remarks

For threading methods that accept a `millisecondsTimeout` parameter, such as Thread.Sleep(Int32) and Thread.Join(Int32), this value is used to suspend the thread indefinitely. However, in most cases, we recommend that you use other System.Threading classes, such as Mutex, Monitor, EventWaitHandle, or Semaphore instead, to synchronize threads or manage resources.

The value of this field is -1 (0xFFFFFFFF).

Applies to

Product	Versions
.NET	5.0, 6.0 Preview 3
.NET Core	1.0, 1.1, 2.0, 2.1, 2.2, 3.0, 3.1
.NET Framework	1.1, 2.0, 3.0, 3.5, 4.0, 4.5, 4.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8
.NET Standard	1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.0, 2.1
UWP	10.0
Xamarin.Android	7.1
Xamarin.iOS	10.8
Xamarin.Mac	3.0

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