# SemaphoreSlim.CurrentCount Property

Namespace: System.Threading

Assemblies: mscorlib.dll, System.Threading.dll

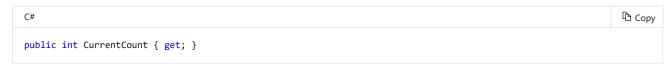
#### In this article

Definition

Remarks

Applies to See also

Gets the number of remaining threads that can enter the SemaphoreSlim object.



#### **Property Value**

Int32

The number of remaining threads that can enter the semaphore.

## Remarks

The initial value of the CurrentCount property is set by the call to the SemaphoreSlim class constructor. It is decremented by each call to the Wait or WaitAsync method, and incremented by each call to the Release method.

## 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	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, 1.6, 2.0, 2.1
UWP	10.0
Xamarin.Android	7.1
Xamarin.iOS	10.8
Xamarin.Mac	3.0

### See also

• Semaphore and SemaphoreSlim

## Is this page helpful?

