

SemaphoreSlim.CurrentCount Property

Namespace: [System.Threading](#)
Assemblies: mscorlib.dll, System.Threading.dll

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Gets the number of remaining threads that can enter the [SemaphoreSlim](#) object.

C#

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```
public int CurrentCount { get; }
```

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](#)

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Yes No

