

SemaphoreSlim(Int32, Int32)

Initializes a new instance of the [SemaphoreSlim](#) class, specifying the initial and maximum number of requests that can be granted concurrently.

C#

Copy

```
public SemaphoreSlim (int initialCount, int maxCount);
```

Parameters

initialCount [Int32](#)

The initial number of requests for the semaphore that can be granted concurrently.

maxCount [Int32](#)

The maximum number of requests for the semaphore that can be granted concurrently.

Exceptions

[ArgumentOutOfRangeException](#)

`initialCount` is less than 0, or `initialCount` is greater than `maxCount`, or `maxCount` is equal to or less than 0.

See also

- [Semaphore and SemaphoreSlim](#)

Applies to

- .NET 6.0 Preview 3 and other versions

Is this page helpful?

Yes

No

