LinkedList<T>.AddLast Method

Namespace: System.Collections.Generic

Assemblies: System.Collections.dll, System.dll, netstandard.dll

Adds a new node or value at the end of the LinkedList<T>.

In this article

Definition

Overloads

AddLast(LinkedListNode<T>)

AddLast(T)

Applies to

Overloads

AddLast(LinkedListNode<T>)	Adds the specified new node at the end of the LinkedList<T>.
AddLast(T)	Adds a new node containing the specified value at the end of the LinkedList<T>.

AddLast(LinkedListNode<T>)

Adds the specified new node at the end of the LinkedList<T>.

C#   ⧉ Copy

```
public void AddLast (System.Collections.Generic.LinkedListNode<T> node);
```

Parameters

node   LinkedListNode<T>

The new LinkedListNode<T> to add at the end of the LinkedList<T>.

Exceptions

ArgumentNullException

`node` is `null`.

InvalidOperationException

`node` belongs to another LinkedList<T>.

Examples

For an example that includes this method, see the LinkedList<T> class.

Remarks

LinkedList<T> accepts `null` as a valid Value for reference types and allows duplicate values.

If the LinkedList<T> is empty, the new node becomes the First and the Last.

This method is an O(1) operation.

See also

- AddAfter
- AddBefore
- AddFirst
- RemoveLast()

AddLast(T)

Adds a new node containing the specified value at the end of the LinkedList<T>.

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```csharp
public System.Collections.Generic.LinkedListNode<T> AddLast (T value);
```

Parameters

value   T

The value to add at the end of the LinkedList<T>.

Returns

LinkedListNode<T>

The new LinkedListNode<T> containing `value`.

Examples

For an example that includes this method, see the LinkedList<T> class.

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See also

- AddAfter
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- AddFirst
- RemoveLast()

Applies to

.NET Core

3.0, 2.2, 2.1, 2.0, 1.1, 1.0

.NET Framework

4.8, 4.7.2, 4.7.1, 4.7, 4.6.2, 4.6.1, 4.6, 4.5.2, 4.5.1, 4.5, 4.0, 3.5, 3.0, 2.0

.NET Standard

2.1, 2.0, 1.6, 1.4, 1.3, 1.2, 1.1, 1.0

UWP

10.0

Xamarin.Android

7.1

Xamarin.iOS

10.8

Xamarin.Mac

3.0

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