

24.ToList

LINQ ToList 简介

从 IEnumerable<T> 创建一个 List<T>。

LINQ ToList 示例代码

```
/*
*****
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*****
*/

using System.Linq;
using UnityEngine;

namespace UniRxLesson
{
    public class LINQToListExample : MonoBehaviour
    {
        private void Start()
        {
            string[] fruits = { "apple", "passionfruit", "banana", "mango",
                                "orange", "blueberry", "grape", "strawberry" };

            var lengths = fruits.Select(fruit => fruit.Length).ToList();

            Debug.Log(lengths.GetType());

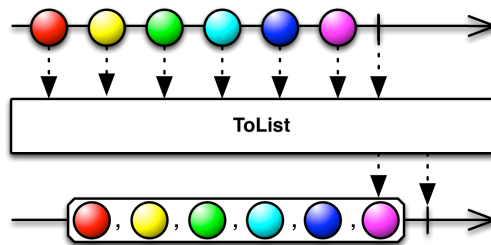
            foreach (var length in lengths)
            {
                Debug.Log(length);
            }
        }
    }
}
```

输出结果:

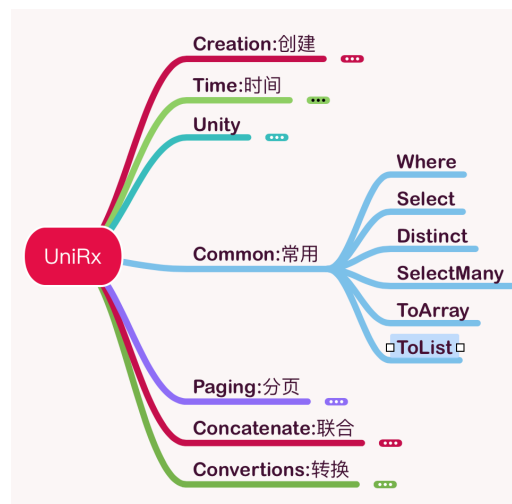
```
System.Collections.Generic.List`1[System.Int32]
5
12
6
5
6
9
```

5
10

UniRx ToList 示意图



UniRx ToList 所在知识地图位置



UniRx ToList 示例代码

```
/*  
*****  
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*****  
*/  
  
using UniRx;  
using UnityEngine;
```

```

namespace UniRxLesson
{
    public class UniRxToListExample : MonoBehaviour
    {
        private void Start()
        {
            var subject = new Subject<int>();
            subject.ToList().Subscribe(intList =>
            {
                Debug.Log(intList.GetType().ToString());
                foreach (var i in intList)
                {
                    Debug.Log(i);
                }
            });

            subject.OnNext(1);
            subject.OnNext(2);
            subject.OnNext(3);
            subject.OnCompleted();
        }
    }
}

```

输出结果为

```

System.Collections.Generic.List`1[System.Int32]
1
2
3

```

今天的内容就这些