

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());

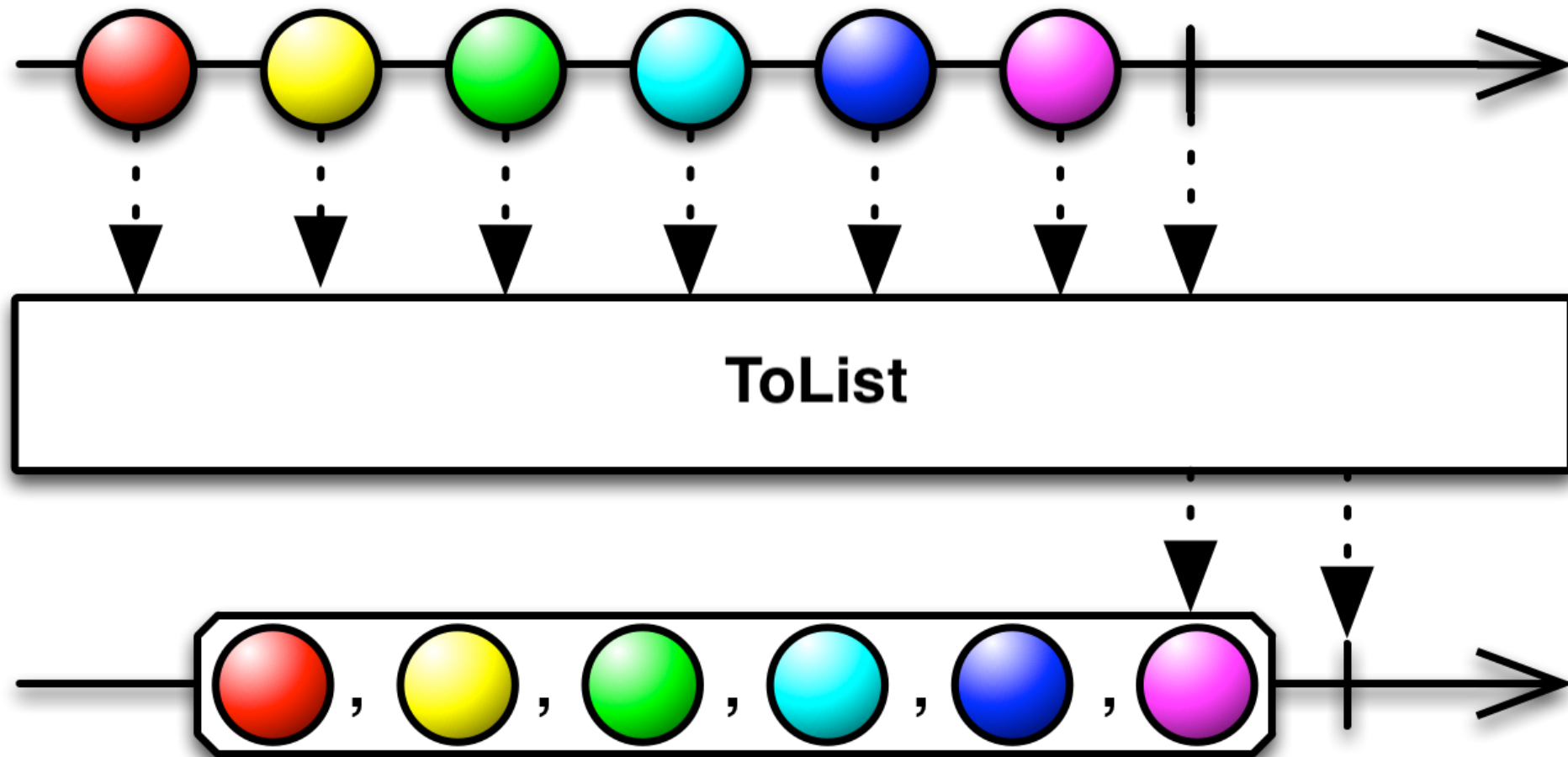
            foreach (var length in lengths)
            {
                Debug.Log(length);
            }
        }
    }
}
```

```
}  
}  
}  
}
```

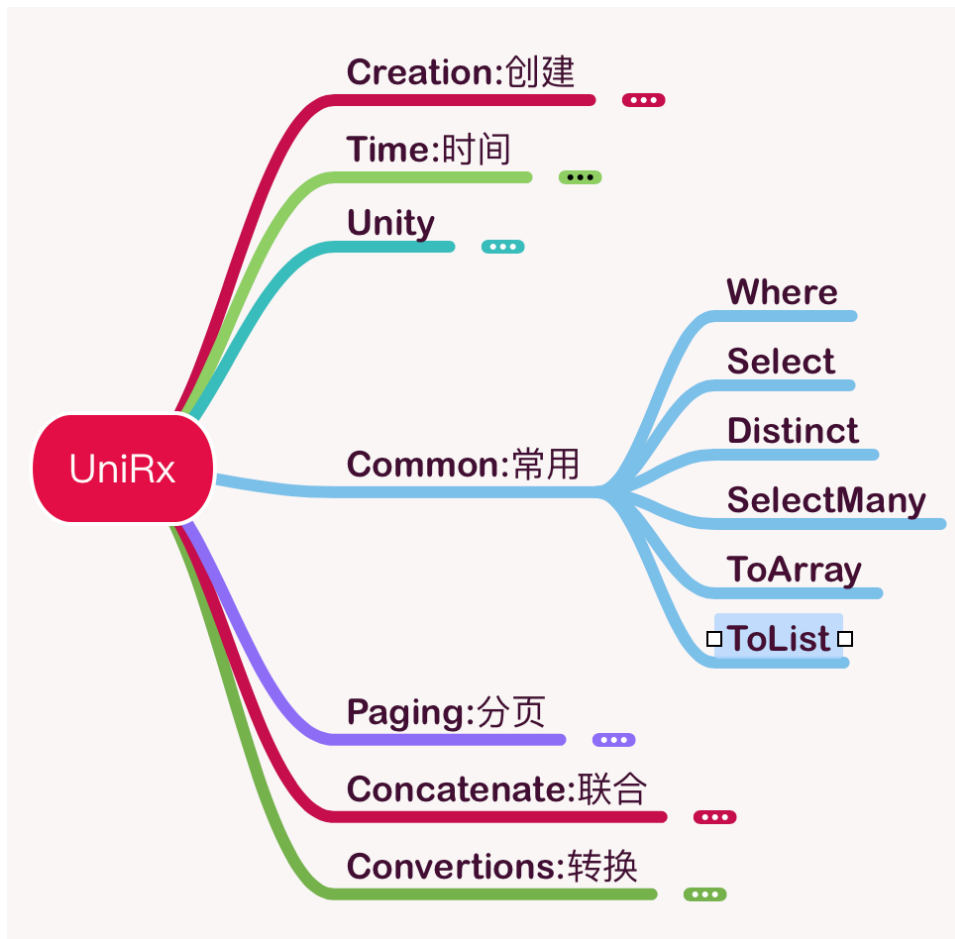
输出结果:

```
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