

23.ToArray

LINQ ToArray 简介

从 IEnumerable<T> 中创建数组。

LINQ ToArray 示例代码

```
/*
*****
* http://sikiedu.com liangxie
*****
*/

using System.Collections.Generic;
using System.Linq;
using UnityEngine;

namespace UniRxLesson
{
    public class LINQToArrayExample : MonoBehaviour
    {
        private class Package
        {
            public string Company { get; set; }
            public double Weight { get; set; }
        }

        private void Start()
        {
            var packages =
                new List<Package>
                {
                    new Package {Company = "Coho Vineyard", Weight = 25.2},
                    new Package {Company = "Lucerne Publishing", Weight = 18.7},
                    new Package {Company = "Wingtip Toys", Weight = 6.0},
                    new Package {Company = "Adventure Works", Weight = 33.8}
                };

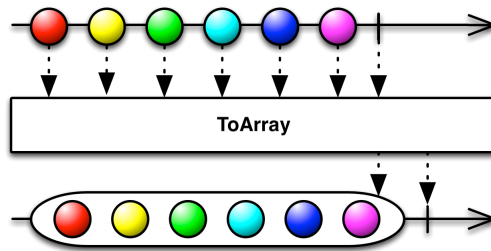
            var companies = packages.Select(pkg => pkg.Company).ToArray();

            foreach (var company in companies)
            {
                Debug.Log(company);
            }
        }
    }
}
```

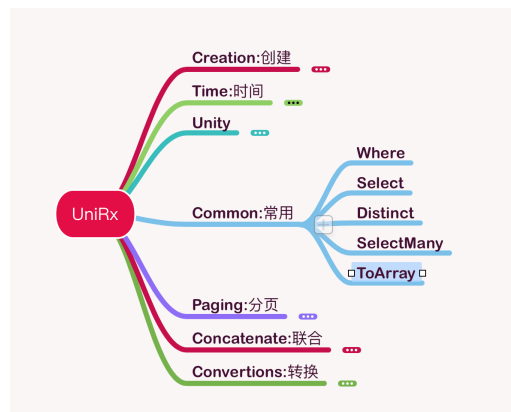
输出结果:

Coho Vineyard
Lucerne Publishing
Wingtip Toys
Adventure Works

UniRx ToArray 示意图



UniRx ToArray 在知识地图中的位置



UniRx ToArray 示例代码

```
/*  
 * http://sikiedu.com liangxie  
 */
```

```

using UnityEngine;
using UnityEngine;

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

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

```

输出结果为:

```

System.Int32[]
1
2
3

```

今天的内容就这些