.NET Conf 2022 x Seoul

풀 스택과 사랑에 빠질 준비, 되셨나요?

.Net Dev

.Net 6에서 도입예정인

MAUI 기술 소개 및 Xamarin과의 차이점 알아보기
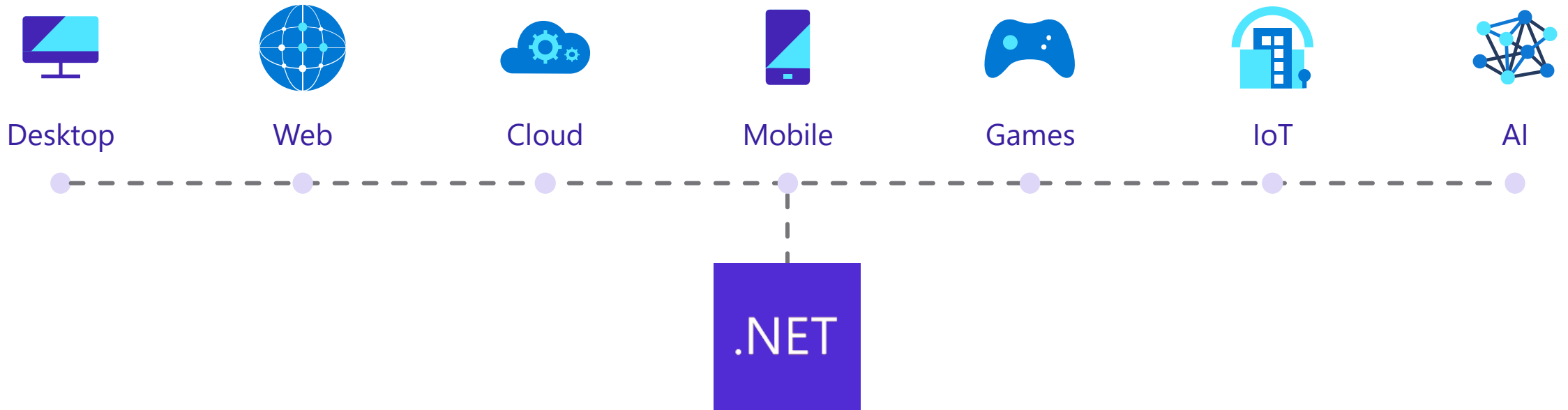
박 구 삼

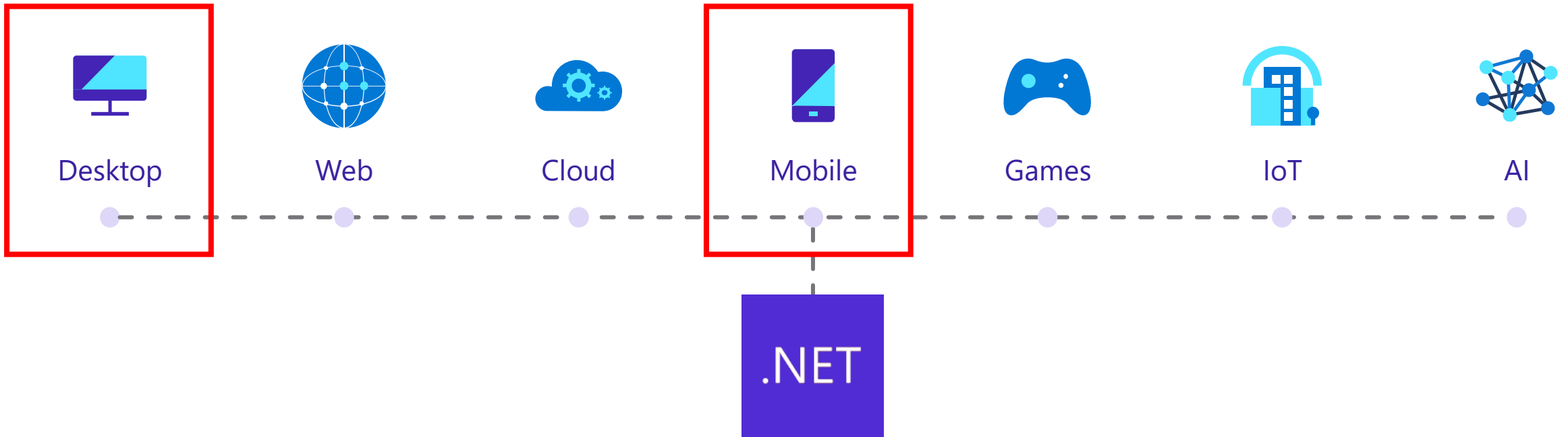@level120
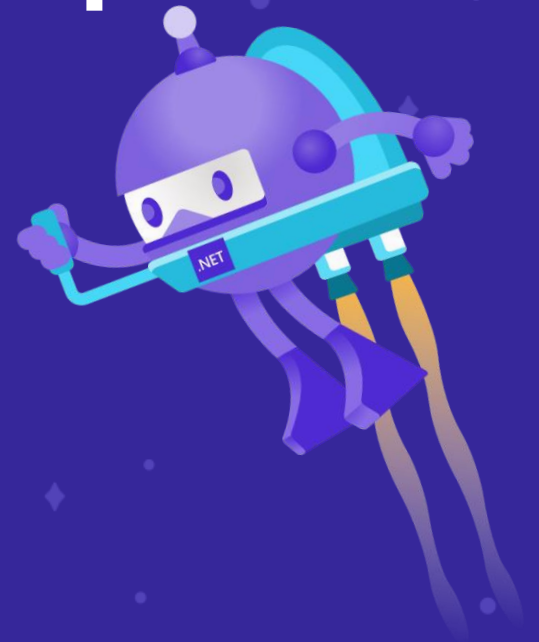
.Net 5 → .Net 6

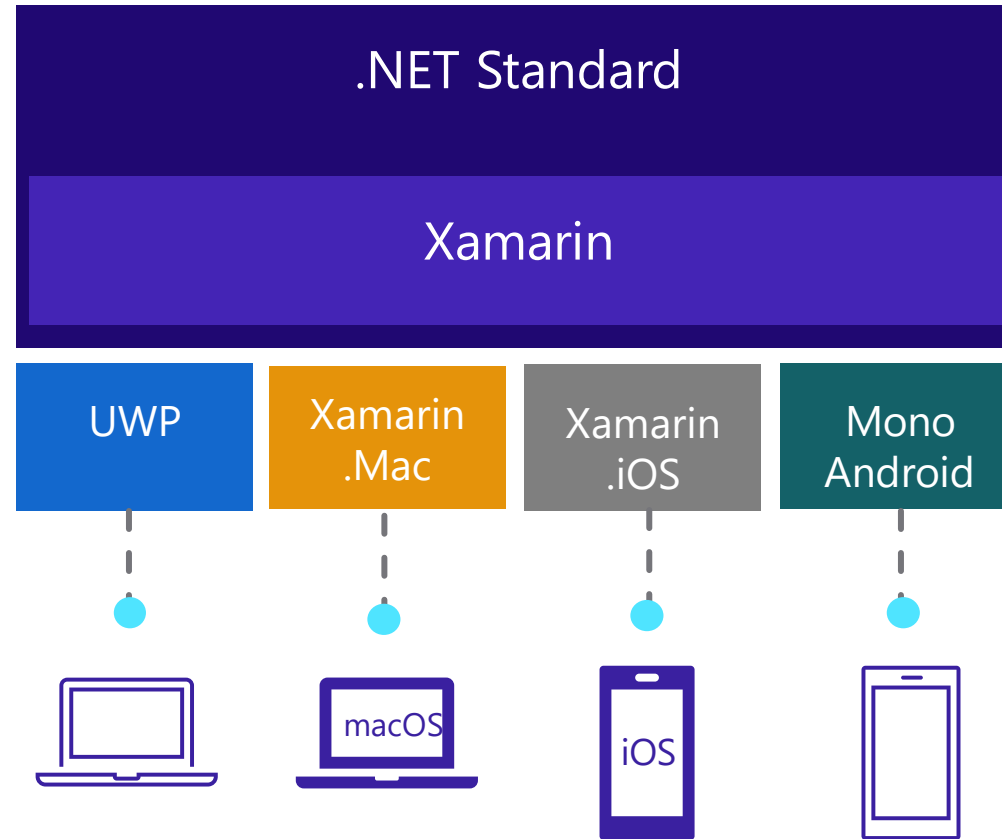# .NET

Your platform for building anything

Desktop　　　Web　　　Cloud　　　Mobile　　　Games　　　IoT　　　AI

.NET

.NET

Your platform for building anything

Desktop

Web

Cloud

Mobile

Games

IoT

AI

.NET

.NET Multi-platform App UI(MAUI)
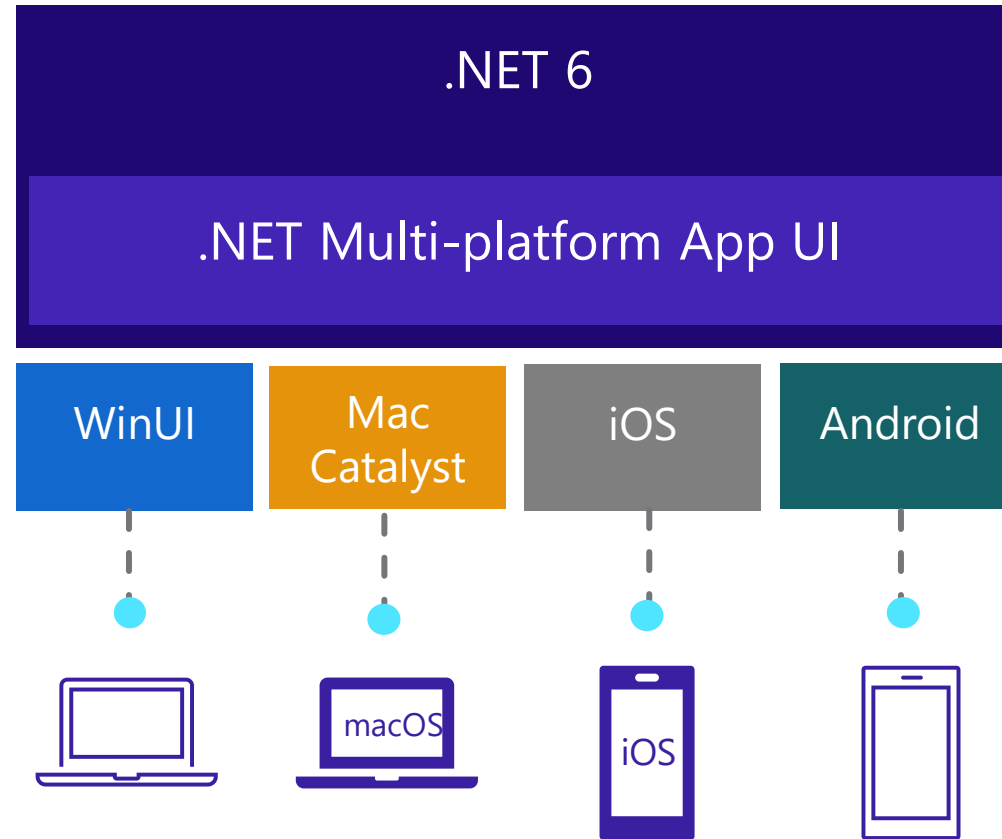
.NET Xamarin

주요 내용

1. 새롭게 등장한 MVU 패턴

2. MVU Pattern + Comet

3. 새로운 렌더링 방식? Slim Renderer
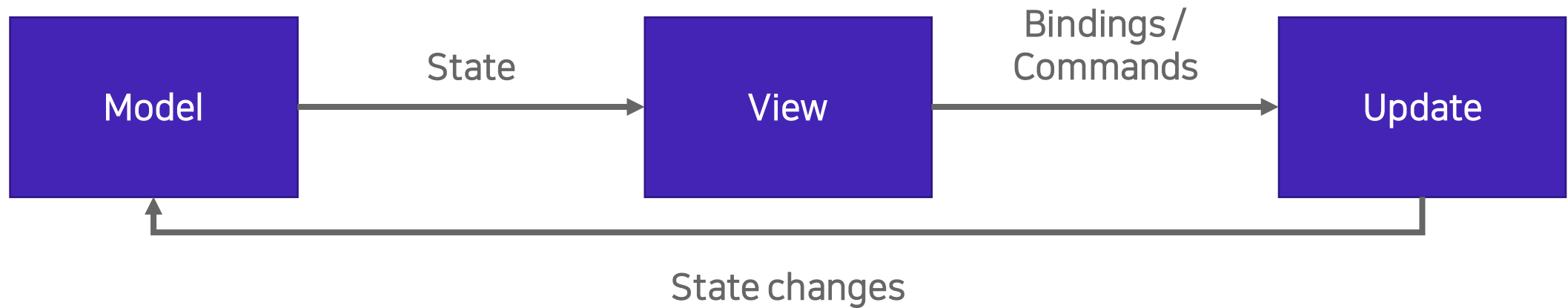
MVU Pattern

MVU Pattern

State<T>

BindingObject

Model → State → View → Bindings / Commands → Update

State changes

INotifyPropertyChanged / INotifyPropertyRead
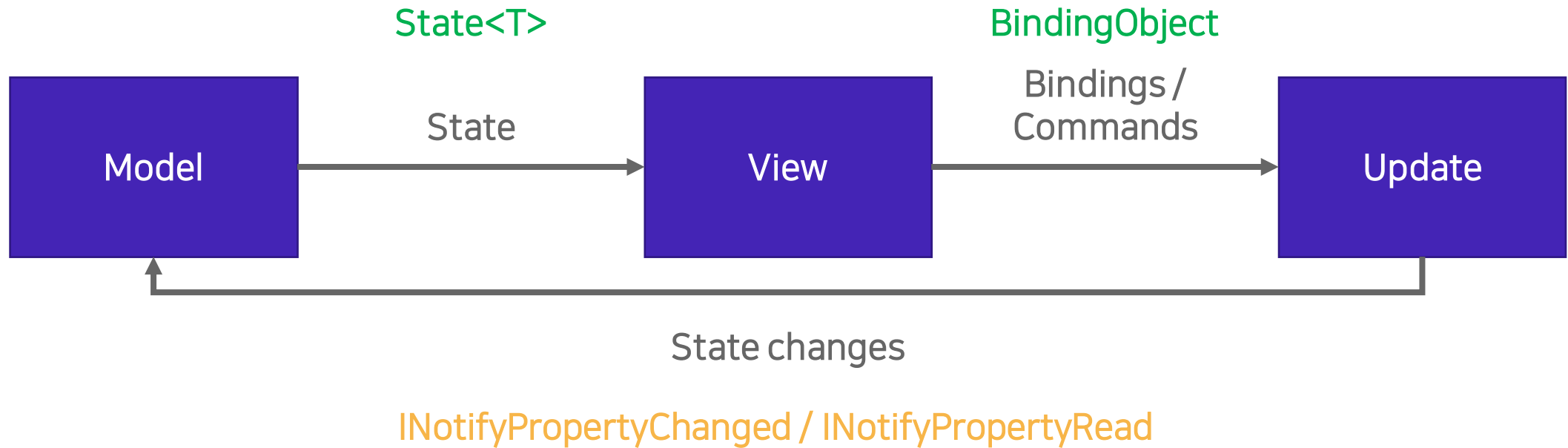
MVU Pattern

```csharp
// SomeView.cs
public class SomeView : View
{
    /// <summary>
    /// 상태 변화를 감지할 Object
    /// </summary>
    [State]
    private readonly SomeModel _someState = new();

    // 또는
    private readonly State<SomeModel> _someState = new();

    …
}
```

MVU Pattern

```csharp
// SomeModel.cs
public class SomeModel : BindingObject
{
    /// <summary>
    /// 업데이트 할 대상 Proptery
    /// </summary>
    public int SomeProperty
    {
        get => GetProperty<int>();
        private set => SetProperty(value);
    }

    …
}
```
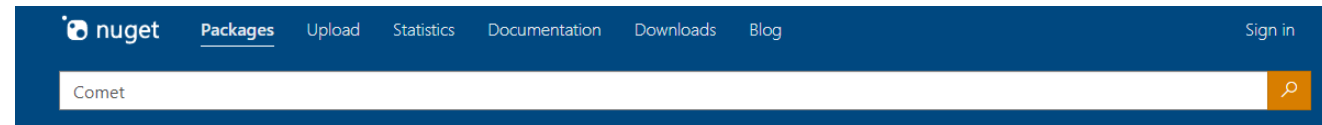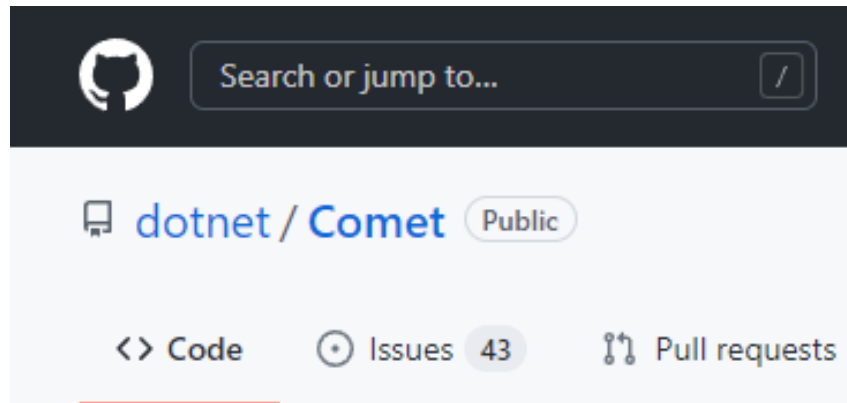
Comet

MVU 패턴을 사용하기 위해서!

dotnet/Comet

Comet

분명 dotnet/Comet 이 있으나 보이지 않음

Comet

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Package Description

Clancey/Comet 으로 검색해야 받아볼 수 있다!

DEMO – Simplified development

MAUI + MVU + Comet + Slim Renderer

감사합니다!