



LẬP TRÌNH C# 6

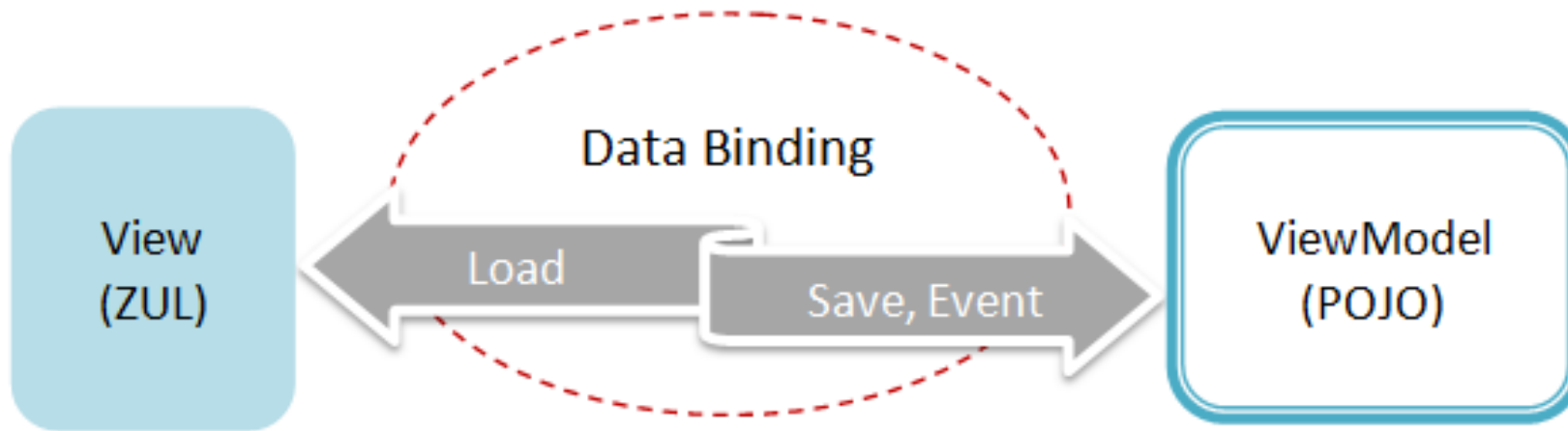
BÀI 4: DATA BINDING WITH BLAZOR

P4.1

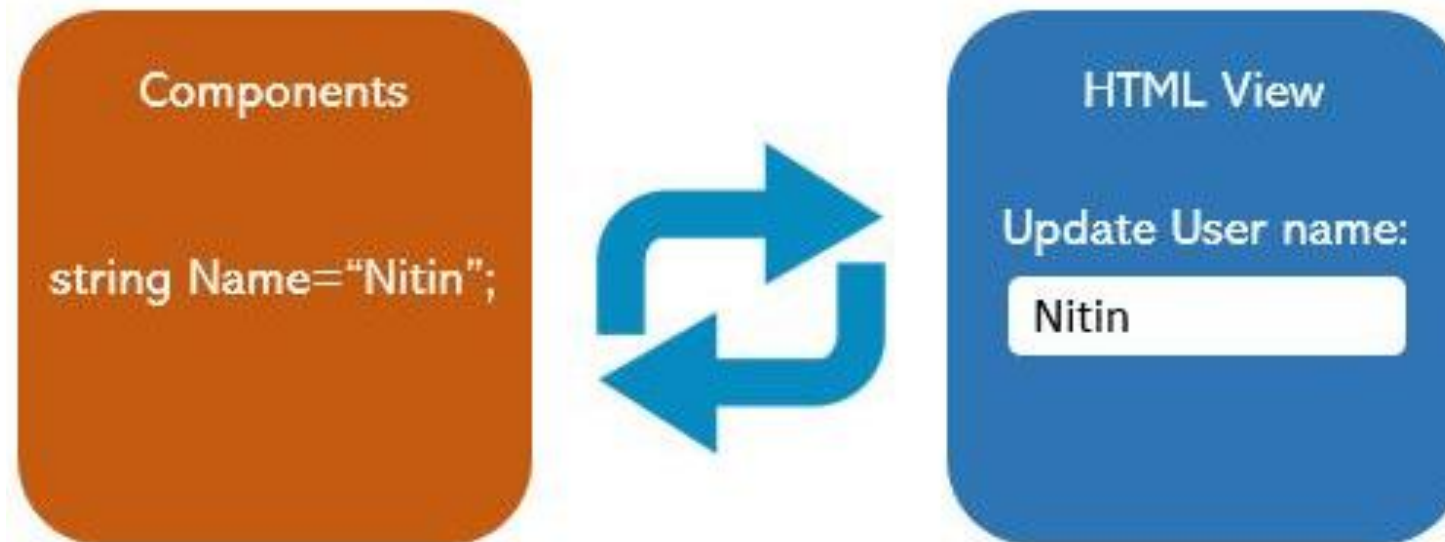
- ⦿ Data binding blazor
- ⦿ Blazor fullstack website



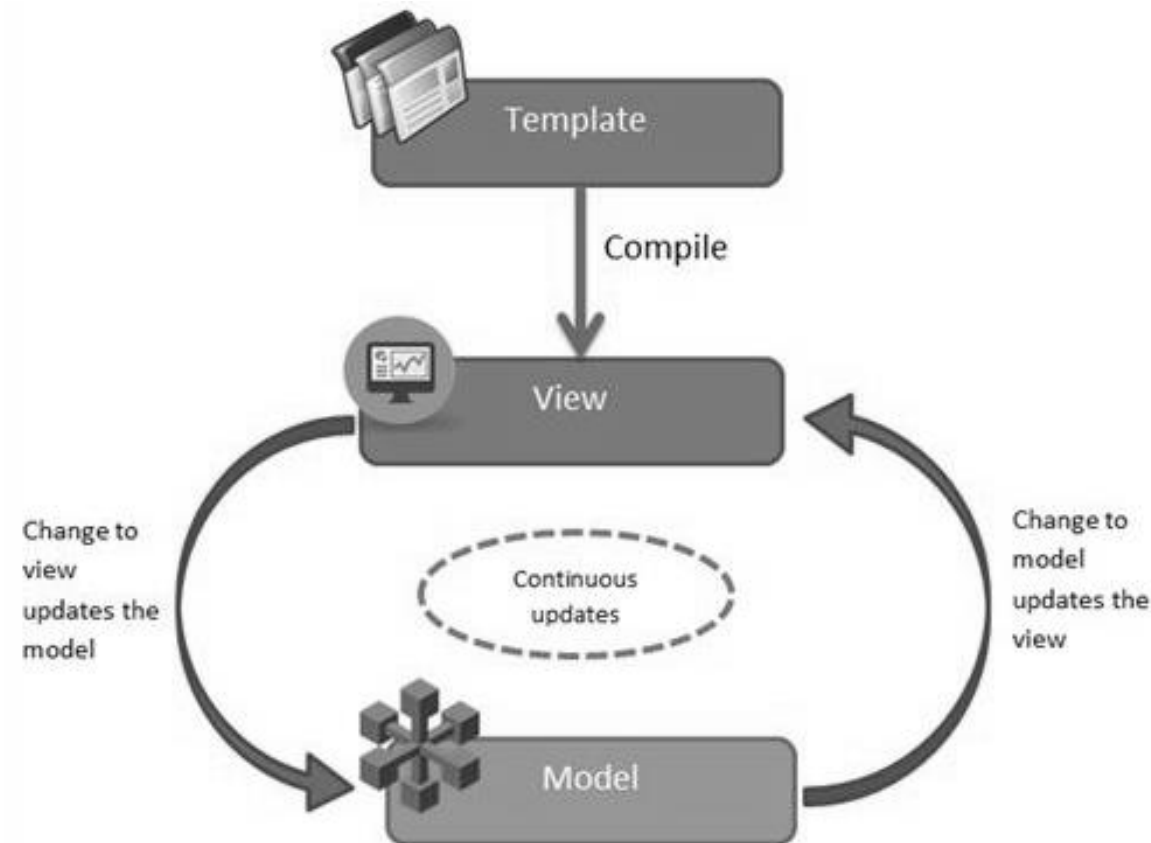
- ❑ Cơ chế lấy dữ liệu từ trong component (phần business logic) và đưa ra view
- ❑ Kỹ thuật liên kết một nguồn dữ liệu với nơi sử dụng dữ liệu đó, và đồng bộ hóa dữ liệu giữa chúng.



- ❑ One-way Data Binding
- ❑ Two-way Data Binding
- ❑ Events and Data Bindings
- ❑ Component parameters



- ❑ Blazor trong .NET hỗ trợ single-page applications (SPA) bằng C#, Razor and HTML



- ❑ Binding dữ liệu một chiều từ model tới view.
- ❑ Sử dụng @ symbol cho properties, method, field

```
@page "/one-way-binding"  
  
<h3>@Title</h3>  
  
@code {  
    public string Title { get; set; } = "One-Way Binding";  
}
```

← → ↻ 🔒 localhost:5001/one-way-binding

DataBinding

One-Way Binding

❑ @ symbol với field và method

The screenshot shows a code editor window titled "Counter.razor". The code is as follows:

```
@page "/counter"

<h1>Counter</h1>

<p>Current count: @currentCount</p>

<button class="btn btn-primary" @onclick="IncrementCount">Click me</button>

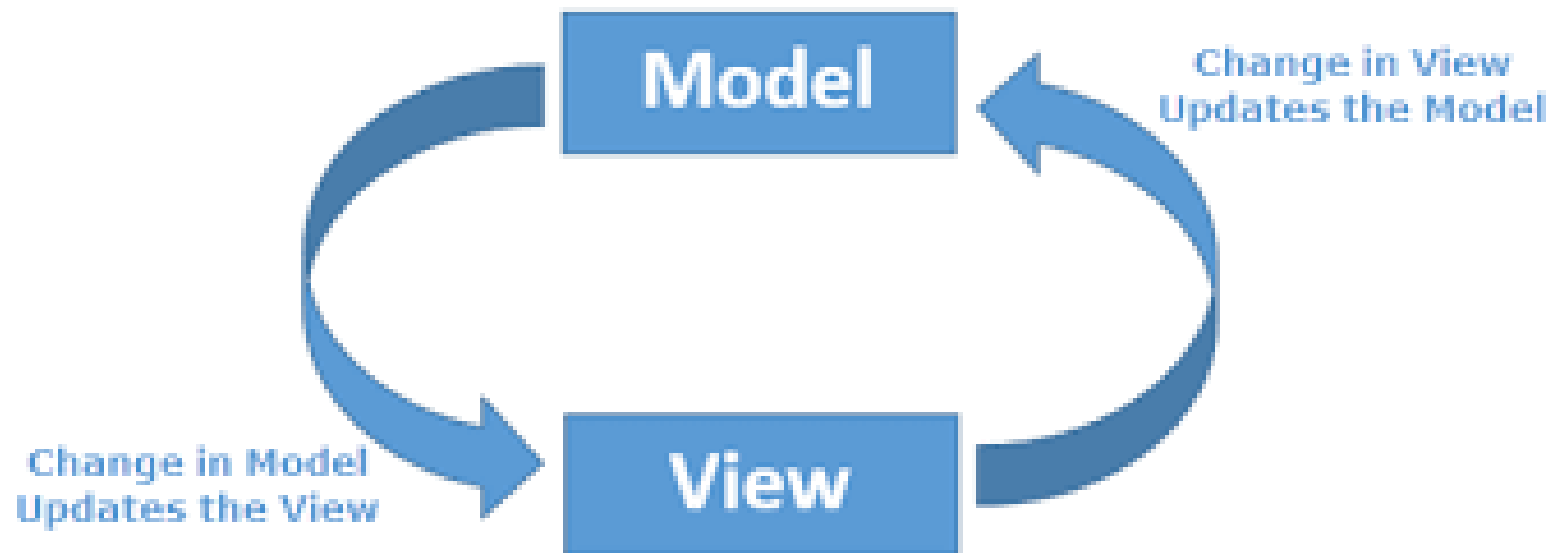
@code {
    private int currentCount = 0;

    private void IncrementCount()
    {
        currentCount++;
    }
}
```

Red annotations highlight the '@' symbol usage:

- A red box highlights `@currentCount` in the HTML output, with a red arrow pointing to the `private int currentCount = 0;` field definition in the C# code block.
- A red box highlights `@onclick="IncrementCount"` in the HTML output, with a red arrow pointing to the `private void IncrementCount()` method definition in the C# code block.
- A red oval encircles the `@onclick="IncrementCount"` attribute and the `IncrementCount()` method definition.

- ❑ Thay đổi dữ liệu từ component qua view và ngược lại
- ❑ @bind thuộc tính




```
@page "/two-way-binding"
```

```
<h3>@Title</h3>
```

Enter the title:

```
<input type="text" class="form-control" @bind="Title" />
```

```
@code {
    public string Title { get; set; } = "Two-Way Binding";
}
```

← → ↻ localhost:5001/two-way-binding ☆ 👤 ⋮

DataBinding

Two-Way Binding

Enter the title:



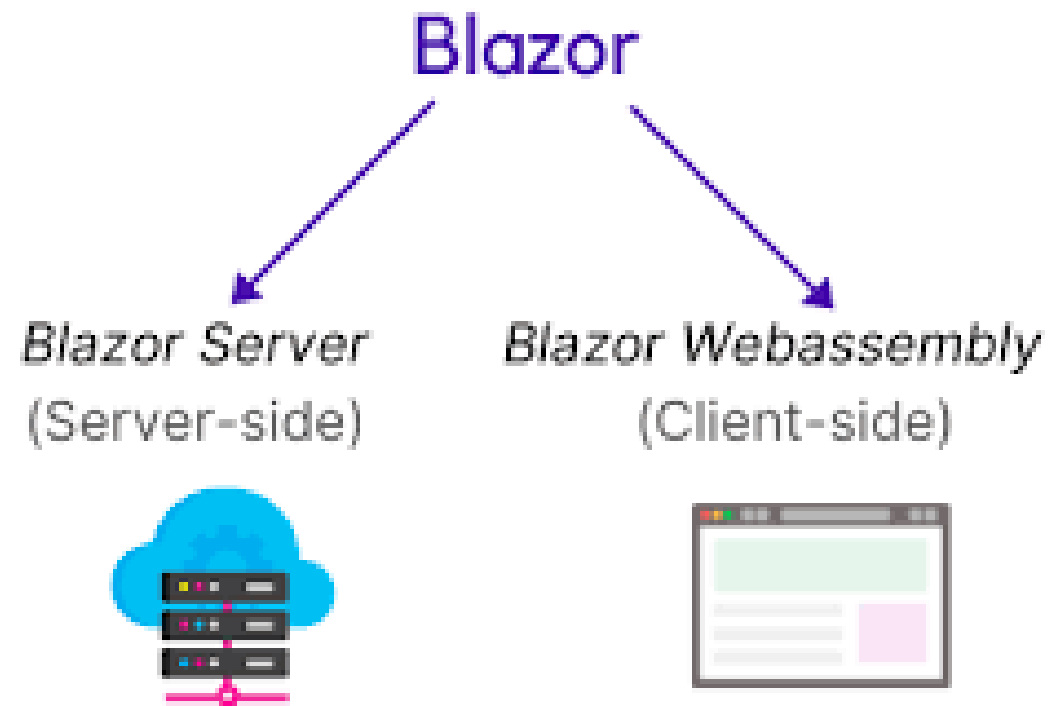
DEMO

Blazor-Data Binding



LẬP TRÌNH C# 6

BÀI 4: DATA BINDING WITH BLAZOR P4.2



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Employee Info

Emp Id	Employee Name	Gender	Designation	City	Action
1	Thepv	Male	osin	LA	Edit Delete
2	pvthe	Male	vip	city	Edit Delete

- ☐ Tạo project Blazor
- ☐ Entity framework code first (Employee.cs)
- ☐ dependency injection crud (EmployeeService.cs)
- ☐ Tạo các blazor page: Employees.Razor, AddEmployee.razor, EditEmployee.razor, Delete.Razor



DEMO

Blazor Website fullstack

Tổng kết bài học

- ◎Data binding blazor
- ◎Blazor fullstack website





KẾT THÚC