

# Counter - Test

```
@using AngleSharp.Dom
@using Bunit
@using Xunit

@inherits Bunit.TestContext

@code {
    [Fact]
    public void IncrementCounterByOneWhenButtonClicked()
    {
        // Render our component including all lifecycle events
        var cut = Render(@<Counter />);
    }
}
```

```
<h1>Counter</h1>

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

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

@code {
    private int _currentCounter { get; set; }

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

- Render the component via Blazor pipeline including all lifecycle events
- We can use the razor notation to create our component

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@inherits Bunit.TestContext

@code {
    [Fact]
    public void IncrementCounterByOneWhenButtonClicked()
    {
        // Render our component including all lifecycle events
        var cut = Render(@<Counter />);

        // Find the button via CSS selector and click it
        IElement button = cut.Find("button");
        button.Click();
    }
}
```

```
<h1>Counter</h1>
```

```
<p>Current count: @_currentCounter</p>
```

```
<button id="increment-button"
        class="btn btn-primary"
        @onclick="IncrementCount">Click me</button>
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```
@code {
    private int _currentCounter { get; set; }

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

➤ Like Selenium or Playwright: Get an element via css selector. Find returns as an AngleSharp.Dom.IElement. Super convenient. More later.