WebForms

1 You request /SimpleLabel in the browser

2 Your browser makes an HTTP GET request

```
▶  Headers   Cookies   Params   Response   Timings   Stack Trace
Request URL: http://localhost:60352/SimpleLabel
Request method: GET
Remote address: [::1]:60352
Status code: 200 ?   Edit and Resend   Raw headers
Version: HTTP/1.1
```

3 ASP.NET handles the GET request and routes to the corresponding **WebForm** (SimpleLabel.aspx)

4 ASP.NET renders **html for the label/button controls** and returns it to the browser

5 The rendered html includes a form which will be submitted when the button is clicked

```
<form method="post" action="./SimpleLabel" id="form1">

    // other code omitted for brevity

    <div>
        <input type="submit"
               name="btnChangeLabel"
               value="Boring, give me another greeting" id="btnChangeLabel" />

        <span id="lblGreeting">Welcome one and all</span>
    </div>

</form>
```

6 You click the button

7 The browser makes an HTTP POST request to the server (submits the form)

```
▶  Headers   Cookies   Params   Response   Timings
Request URL: http://localhost:60352/SimpleLabel
Request method: POST
Remote address: [::1]:60352
Status code: 200 ?   Edit and Resend   Raw headers
Version: HTTP/1.1
```

8 The **"btnChangeLabel_Click" event handler runs**, changing the label's text

9 ASP.NET re-renders the html (with the **new value for the label**) and returns it to the browser
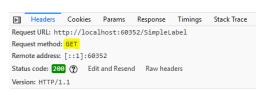
10 You see the new value in the browser

```
localhost:60352/SimpleLabel  ×  +
←  →  C  ⌂        ⓘ localhost:60352/SimpleLabel
[Boring, give me another greeting]  Hello, this is the changed greeting :-)
```

MVC

1 You request /SimpleLabel in the browser

2 Your browser makes an HTTP GET request

```
▶  Headers   Cookies   Params   Response   Timings   Stack Trace
Request URL: http://localhost:60352/SimpleLabel
Request method: GET
Remote address: [::1]:60352
Status code: 200 ?   Edit and Resend   Raw headers
Version: HTTP/1.1
```

3 ASP.NET handles the GET request and routes to the corresponding **Controller Action**

4 ASP.NET renders your **html (mixing in values from the model via Razor)** and returns it to the browser

5 The rendered html is the HTML from the view, with the "dynamic data" from the model included.

```
<form method="post">
    <input type="submit" value="Boring, give me another greeting" />
    <span>Welcome one and all</span>
</form>
```

6 You click the button

7 The browser makes an HTTP POST request to the server (submits the form)

```
▶  Headers   Cookies   Params   Response   Timings
Request URL: http://localhost:60352/SimpleLabel
Request method: POST
Remote address: [::1]:60352
Status code: 200 ?   Edit and Resend   Raw headers
Version: HTTP/1.1
```

8 The **relevant controller action** (for the HTTP Post) is called

9 ASP.NET re-renders the html (with a different **model containing a different greeting**) and returns it to the browser

10 You see the new value in the browser

```
localhost:60352/SimpleLabel  ×  +
←  →  C  ⌂        ⓘ localhost:60352/SimpleLabel
[Boring, give me another greeting]  Hello, this is the changed greeting :-)
```