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ABOUT HTML

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AFTER THIS PRESENTATION

- You'll understand the way in which HTML is used

- You'll appreciate the Single Page Application as a modern model

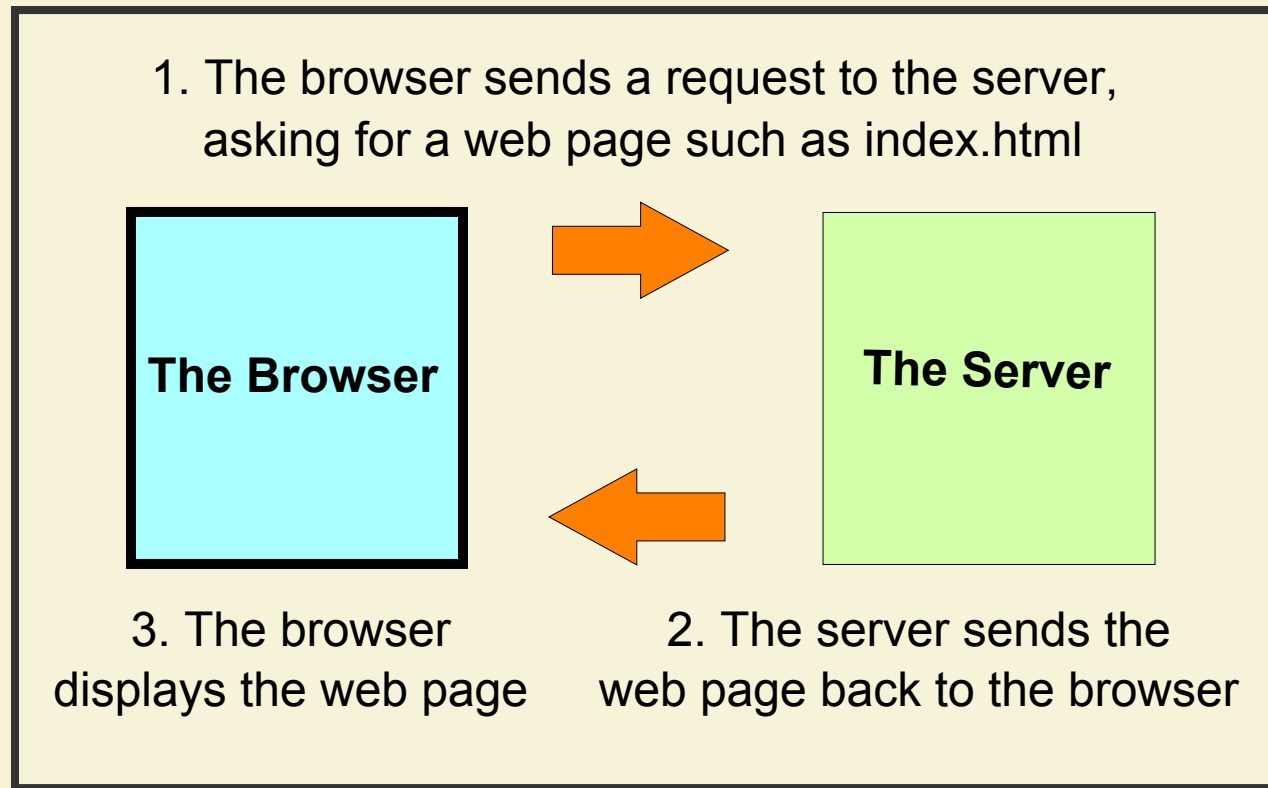- You'll be able to differentiate between HTML and SVG

HTML

HTML is the main language for building a web page

Around since the 1990's

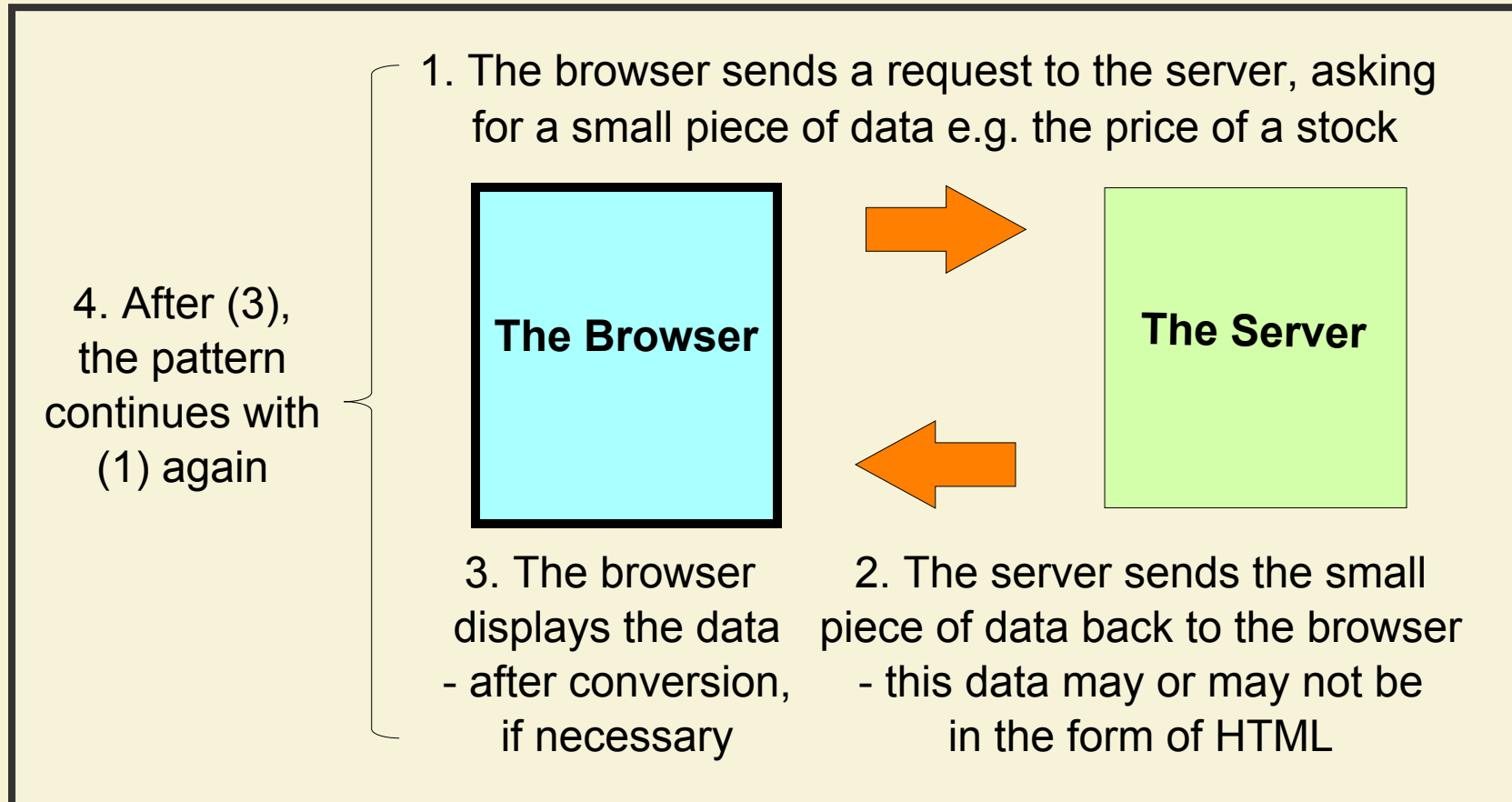Latest version is HTML 5, which we use

USING HTML

This is the original way in which HTML was conceived

1. The browser sends a request to the server, asking for a web page such as index.html

The Browser

The Server

3. The browser displays the web page

2. The server sends the web page back to the browser

SINGLE PAGE APPLICATION (SPA)

HTML usage now can be more complex

1. The browser sends a request to the server, asking for a small piece of data e.g. the price of a stock

The Browser

The Server

4. After (3), the pattern continues with (1) again

3. The browser displays the data - after conversion, if necessary

2. The server sends the small piece of data back to the browser - this data may or may not be in the form of HTML

AN ALTERNATIVE TO HTML

Here's a simple web page which uses only SVG

```
<svg xmlns="http://www.w3.org/2000/svg">
      <text x="10" y="30"
        style="font-weight:bold; font-size:34">My Web Page</text>
      <text x="10" y="80"
        style="font-size:34">This web page is so awesome!</text>
</svg>
```

My Web Page

This web page is so awesome!

ANOTHER SVG EXAMPLE

Select here to open

COMPARISON

- SVG - graphics approach, few libraries

- HTML - text approach, many libraries