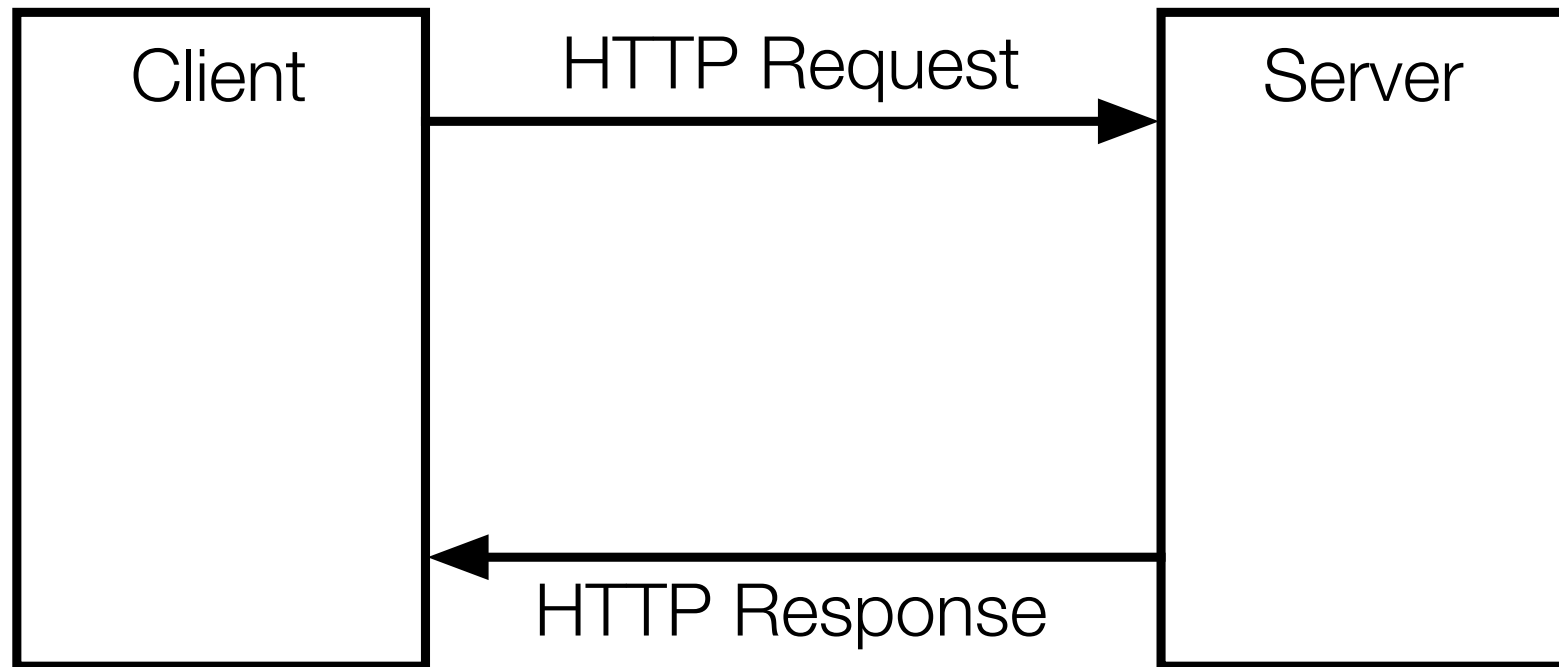


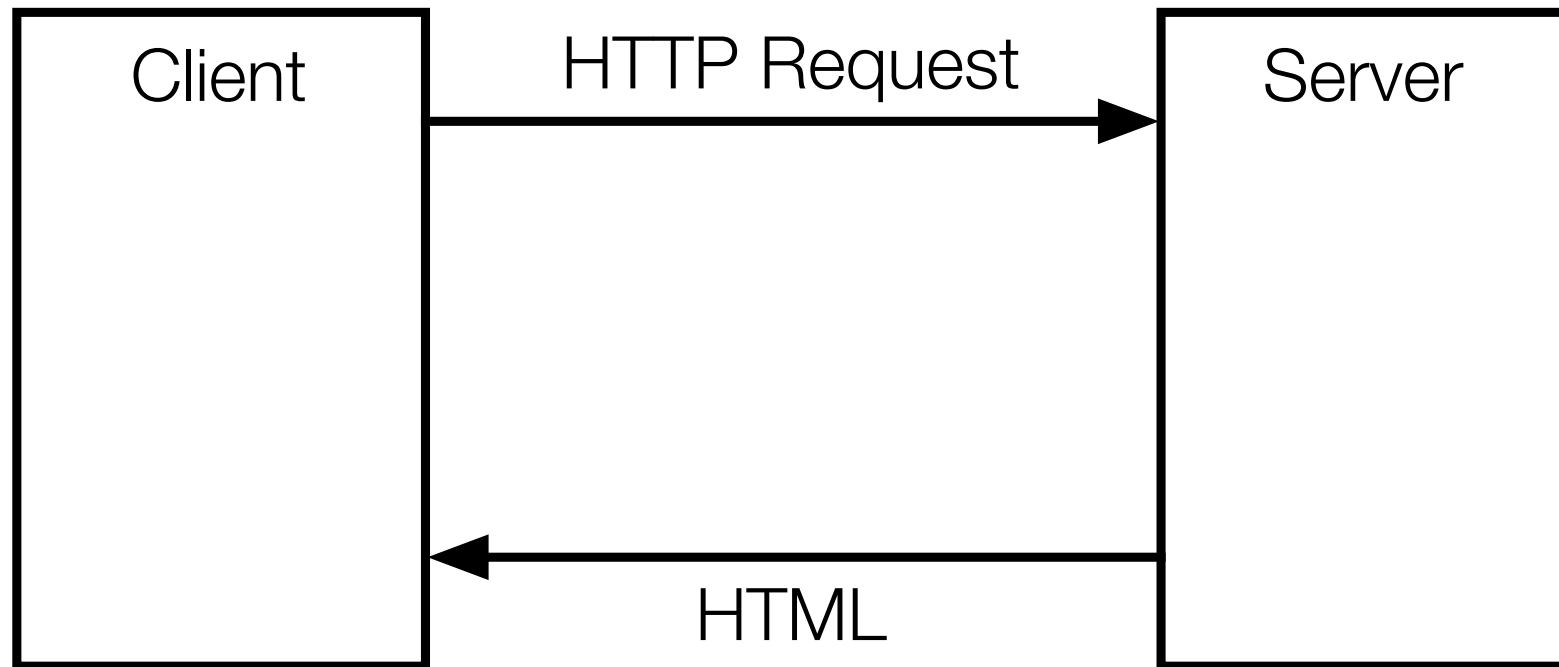
Dynamic Webpages

Introduction

Web Pages



Static Web Pages



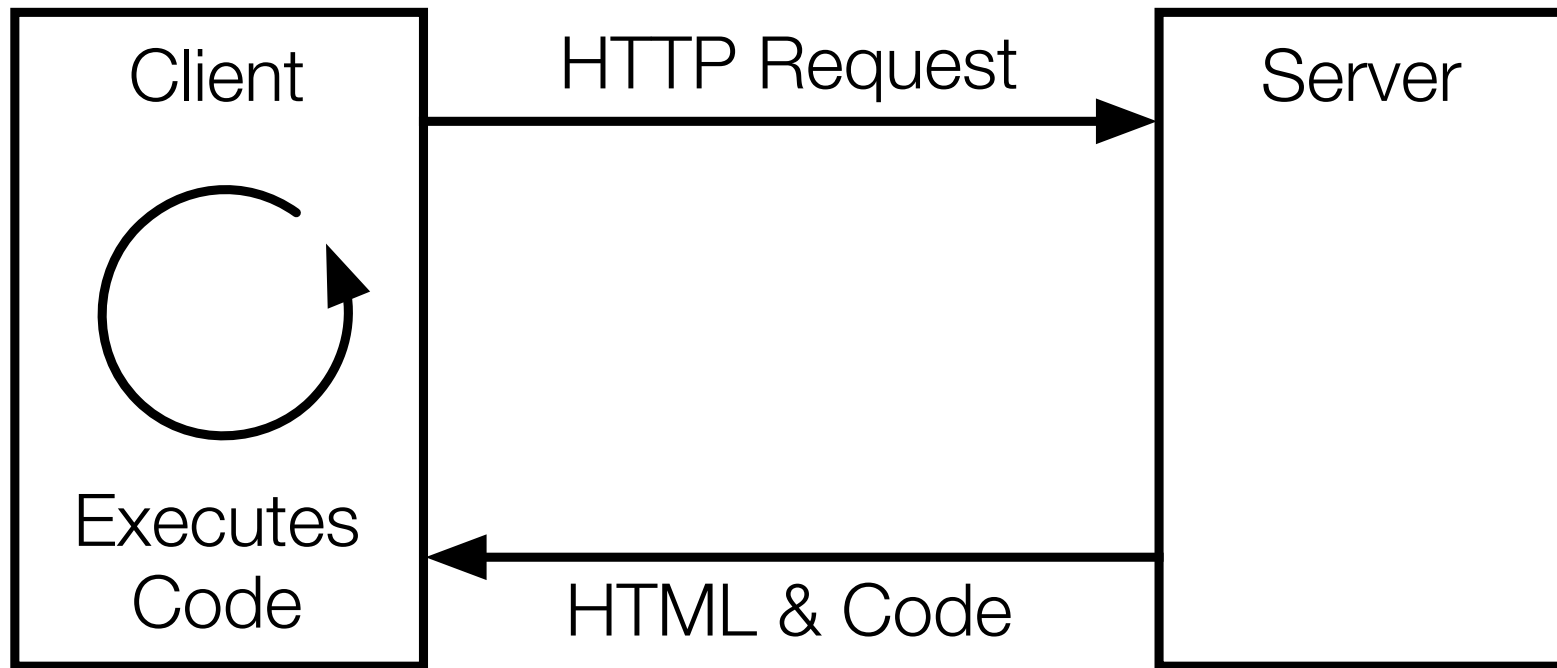
Static Web Pages

```
1  <!DOCTYPE html>
2  <html>
3  <body>
4
5  <p>This is a paragraph.</p>
6  <p>This is a paragraph.</p>
7  <p>This is a paragraph.</p>
8
9  </body>
10 </html>
```

http://www.w3schools.com/html/tryit.asp?filename=tryhtml_paragraphs1



Dynamic Web Pages (Client-Side)



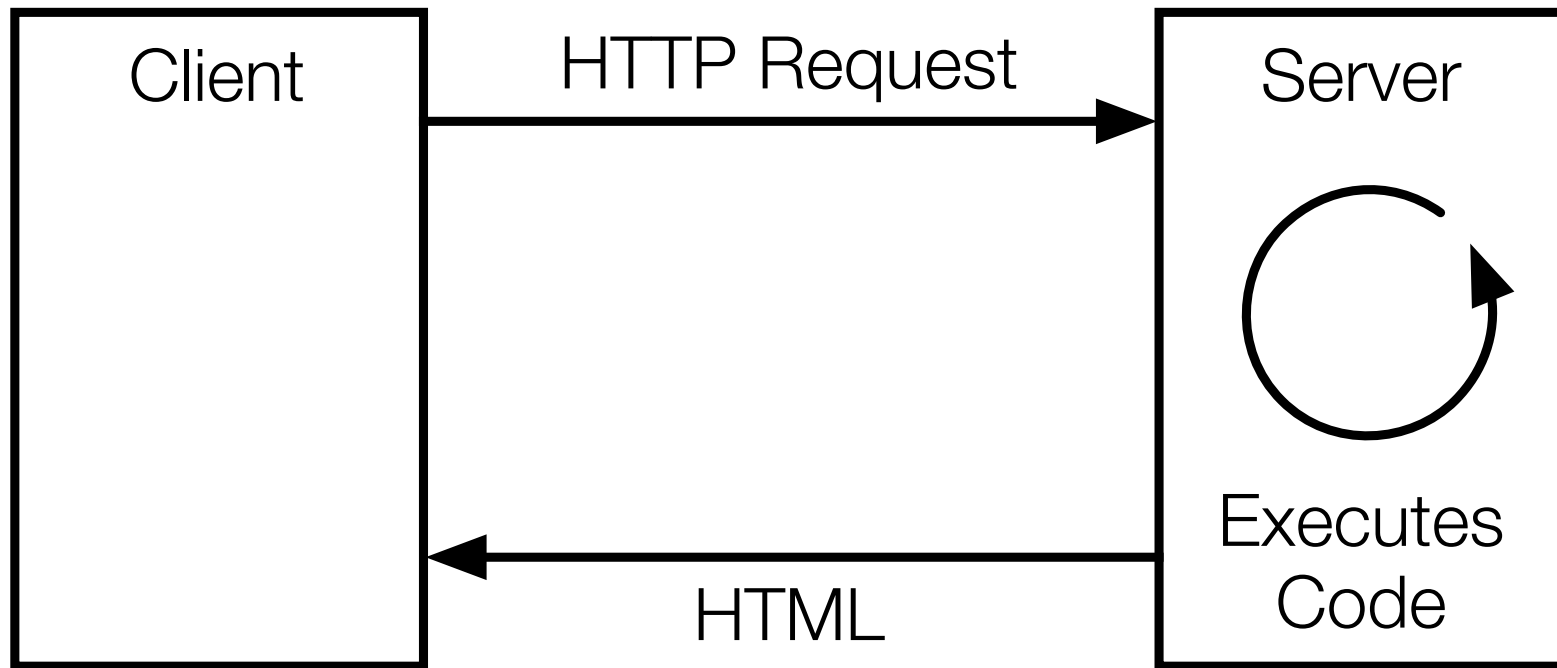
Dynamic Web Pages (Client-Side)

```
1  <!DOCTYPE html>
2  <html>
3  <body>
4
5  <p>Click the button to get a time-based
6  greeting.</p>
7
8  <button onclick="myFunction()">
9      Try it
10 </button>
11
12 <p id="demo"></p>
13
14 <script>
15 function myFunction() {
16     var x = "";
17     var time = new Date().getHours();
18
19     if (time < 20)
20         x = "Good day";
21     else
22         x = "Good evening";
23
24     document.getElementById("demo")
25         .innerHTML=x;
26 }
27 </script>
28
29 </body>
30 </html>
```

http://www.w3schools.com/js/tryit.asp?filename=tryjs_ifthenelse



Dynamic Web Pages (Server-Side)



Dynamic Web Page (Server-Side)

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4 <?php
5     if (date("H") < "20") {
6         echo "Have a good day!";
7     }
8 ?>
9 </body>
10 </html>
```

http://www.w3schools.com/php/php_if_else.asp



Dynamic Web Pages

- **Client-Side**

- Server returns HTML and code, client executes code
- Examples include **Javascript**, **applets**, etc.

- **Server-Side**

- Server executes code, and returns only HTML
- Examples that generate HTML include CGI scripts (**Python**, **Perl**) and **servlets** (**Java**)
- Examples that embed code in HTML include **PHP**, **JSP**





CHANGE THE WORLD FROM HERE