



Web前端开发基础班

自我介绍

姓名

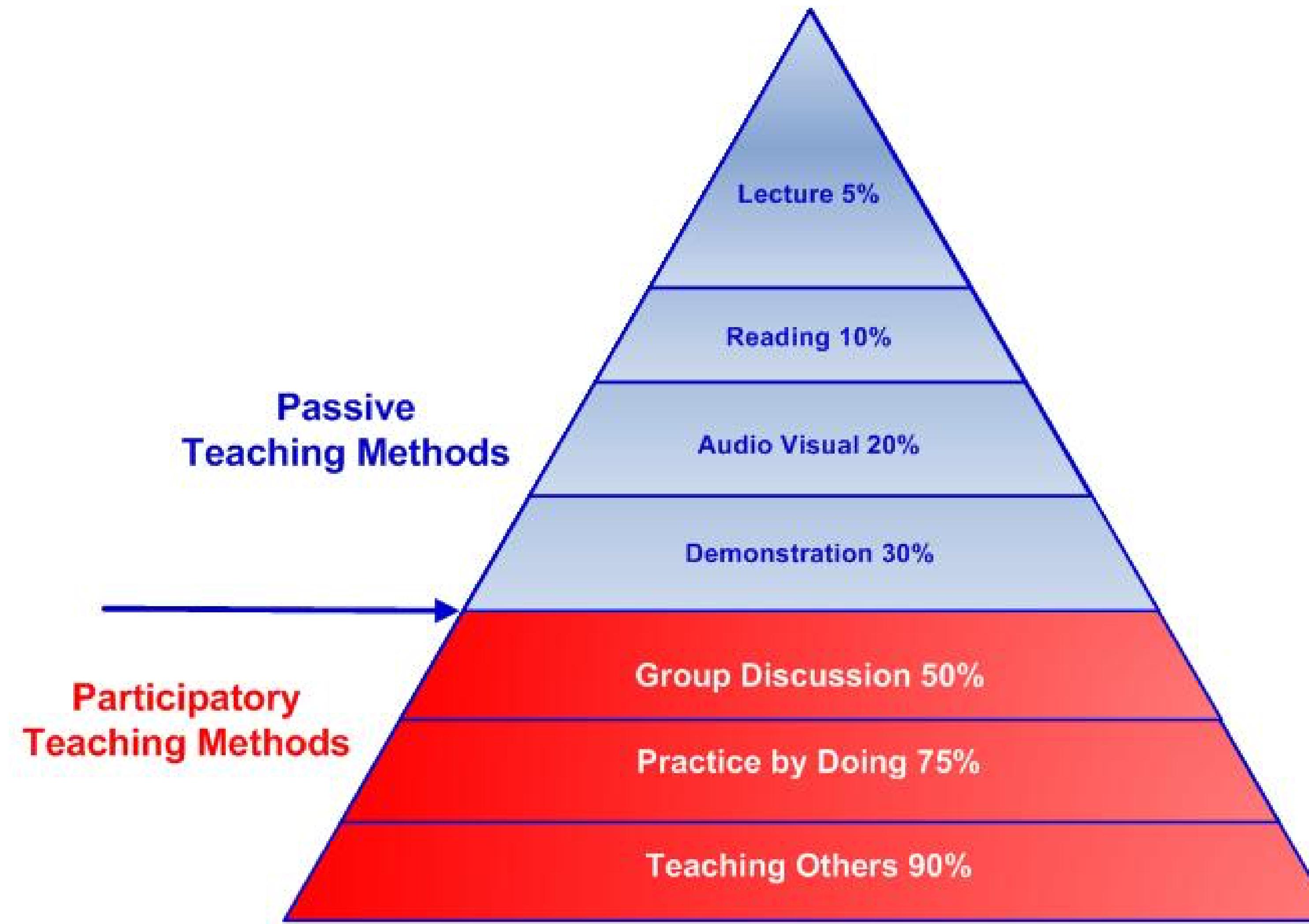
学校 / 专业 / 职业

使用过的编程语言

为什么要学习网络编程？

学完这门课希望达到什么样的效果？

The Learning Pyramid





授之以鱼不如授之以渔

Day 1

网站构架和组成

HTML基本语法

CSS基本语法

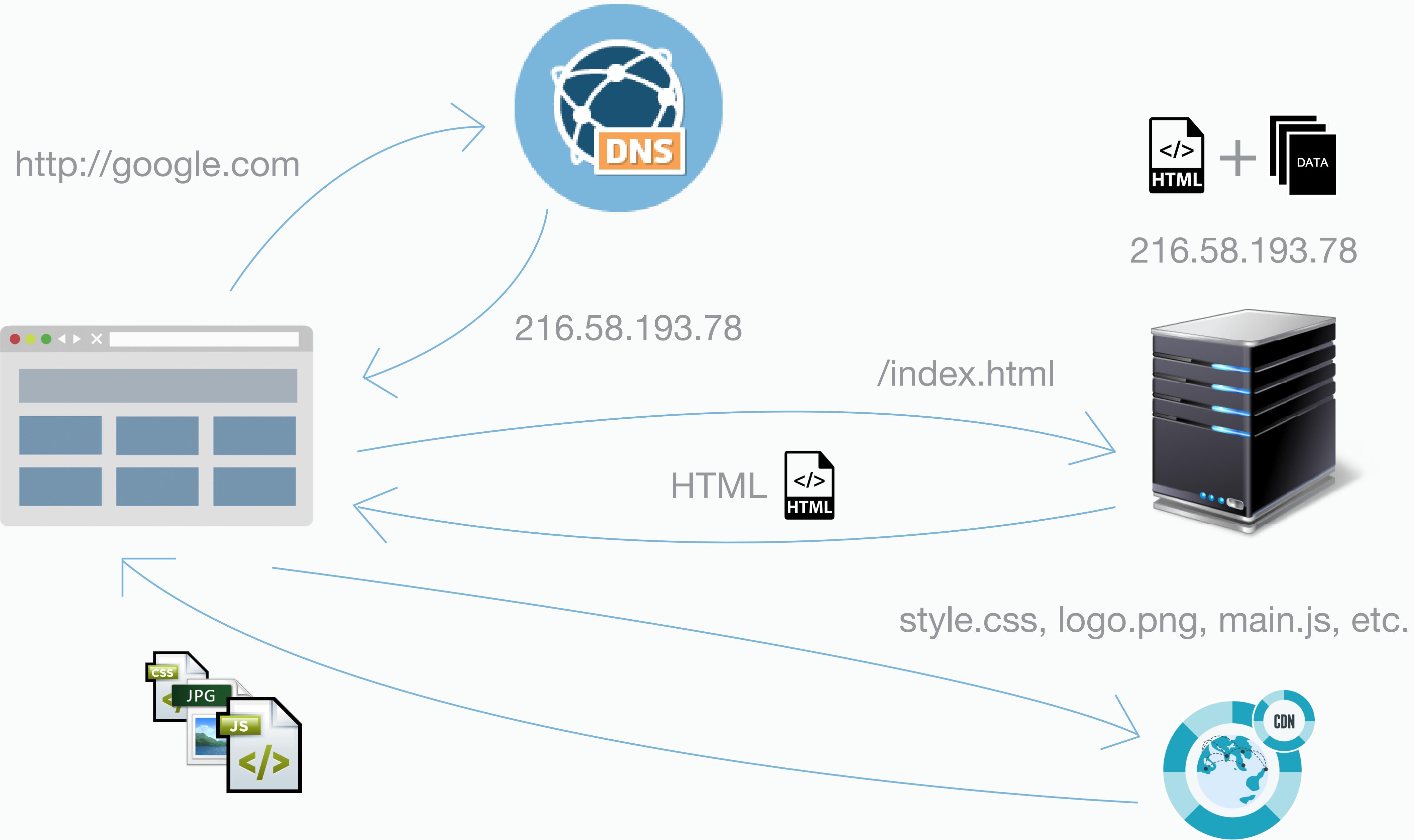
实战练习-个人网站





www.google.com





HTML



HTML

Hyper Text Markup Language

超级文本标记语言



HTML



HTML

作用：提供网页构架，
告诉浏览器如何渲染内容

```
<html>
<head>
    <title>页面标题</title>
</head>
<body>
    <h1>文章标题</h1>
    <p>文章内容</p>
</body>
</html>
```

前后对应

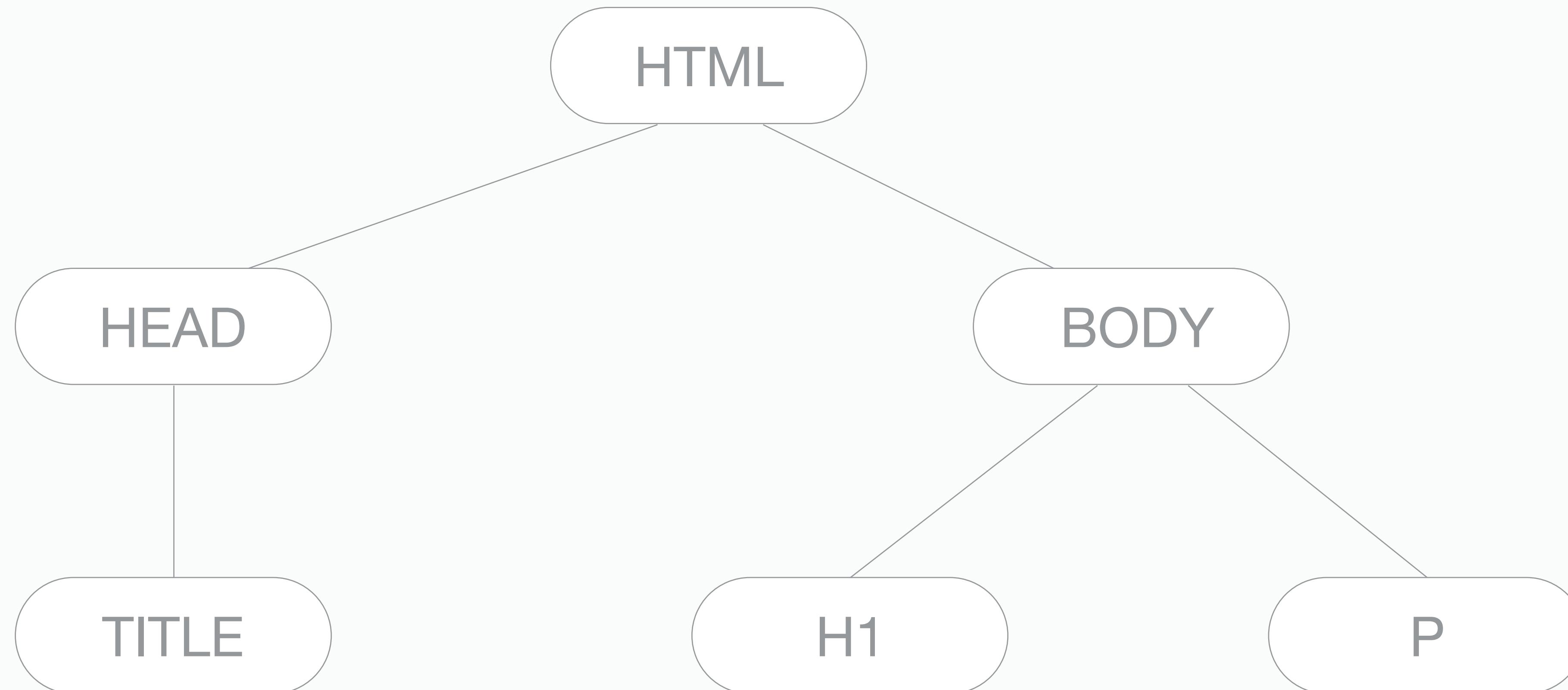
<h1>文章标题</h1>

标记头

内容

标记尾

树状结构



```
<html>
<head>
    <title>页面标题</title>
</head>
<body>
    <h1>文章标题</h1>
    <p>文章内容</p>
</body>
</html>
```



主结构

<head>

...

</head>

<body>

...

</body>

文字

<h1>...</h1>
<h2>...</h2>
<h3>...</h3>
<h4>...</h4>
<h5>...</h5>
<h6>...</h6>
<p>...</p>

加粗

`I have a dream!`

斜体

`I like WebDxD`

分行

`
`

列表

```
<ul>
  <li>...</li>
  <li>...</li>
  <li>...</li>
  ...
</ul>
```

```
<ol>
  <li>...</li>
  <li>...</li>
  <li>...</li>
  ...
</ol>
```

图片

```

```

超链接

```
<a href="url">...</a>
```

```
<a href="url" target="_blank">...</a>
```

内部链接例子： pages/home.html

外部链接例子： https://webxd.com

分隔符

<div>

...

</div>

...

特殊分隔符

<nav>

...

</nav>

<footer>

...

</footer>

按钮

```
<button>Send</button>
```

表格

```
<table>
  <tr>
    <th>...</th>
    <th>...</th>
    <th>...</th>
    ...
  </tr>
  <tr>
    <td>...</td>
    <td>...</td>
    <td>...</td>
    ...
  </tr>
</table>
```

表单

```
<form action="url">
  <label for="field_name">...</label>
  <input type="text" name="field_name" placeholder="placeholder" required>
  <textarea></textarea>
  <input type="submit" value="Add">
</form>
```

引用文件

```
<link rel="stylesheet" href="path">
```

```
<script src="path"></script>
```

编码

```
<meta charset="utf-8">
```

UTF-8 is a compromise character encoding that can be as compact as ASCII (if the file is just plain English text) but can also contain any unicode characters (with some increase in file size).

UTF stands for Unicode Transformation Format. The ‘8’ means it uses 8-bit blocks to represent a character. The number of blocks needed to represent a character varies from 1 to 4.

Q&A

5 min break



CSS

Cascading Style Sheets

层叠样式表





CSS

作用：修改页面样式，美化页面

```
body {  
    font-family: Helvetica, Arial, sans-serif;  
    background-color: #009DDC;  
    color: white;  
    text-align: center;  
}  
h1 {  
    font-size: 18px;  
}  
p {  
    font-size: 12px;  
}
```

与HTML标记对应

选择标记

| **h1 {**

font-size: 18px;

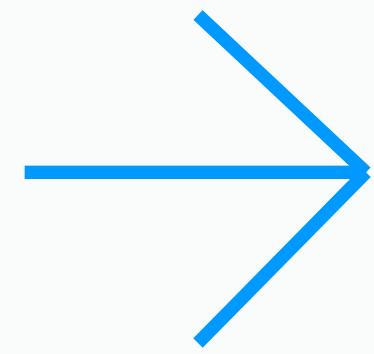
}

样式种类

样式参数

重复定义相同标签样式覆盖原有样式

```
p {  
    font-size: 12px;          原有样式  
    color: #009DDC;         不受影响  
}  
  
p {  
    font-size: 15px;          覆盖样式  
}
```



```
body {  
    font-family: Helvetica, Arial, sans-serif;  
    background-color: #009DDC;  
    color: white;  
    text-align: center;  
}  
h1 {  
    font-size: 18px;  
}  
p {  
    font-size: 12px;  
}
```

颜色

#FF0000

HEX

rgb(255,0,0)

RGB

red

Color Name

#00FF00

HEX

rgb(0,255,0)

RGB

green

Color Name

#2B80D6

HEX

rgb(43,128,214)

RGB

-

Color Name

颜色(RGB)

rgb(229, 138, 47)

0-255

RED

0-255

GREEN

0-255

BLUE

颜色(HEX)

#E58A2F

00 - FF

RED

00 - FF

GREEN

00 - FF

BLUE

常用单位

px 像素

% 相对上一级百分比

rem 相对基准字体比例

添加样式

inline style

```
<button style="background-color: #cc0000">Send</button>
```

添加样式

in-page style

```
<head>
  <style>
    .btn {
      background-color: #cc0000;
    }
  </style>
</head>
<body>
  <button class="btn">Send</button>
</body>
```

添加样式

linked stylesheet

The image shows a code editor interface with two tabs: "demo.html" and "style.css".

demo.html:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <link rel="stylesheet" type="text/css" href="style.css">
5 </head>
6 <body>
7   <button class="btn">Send</button>
8 </body>
9 </html>
```

style.css:

```
1 .btn {
2   background-color: #cc0000;
3 }
```

字体修改

使用系统字体

font-family: Helvetica, Arial, sans-serif;

使用网络字体

Google Fonts
fonts.google.com

文字对齐

```
text-align: left;  
text-align: center;  
text-align: right;
```

颜色修改

background-color: #cc0000;

背景色

color: #999;

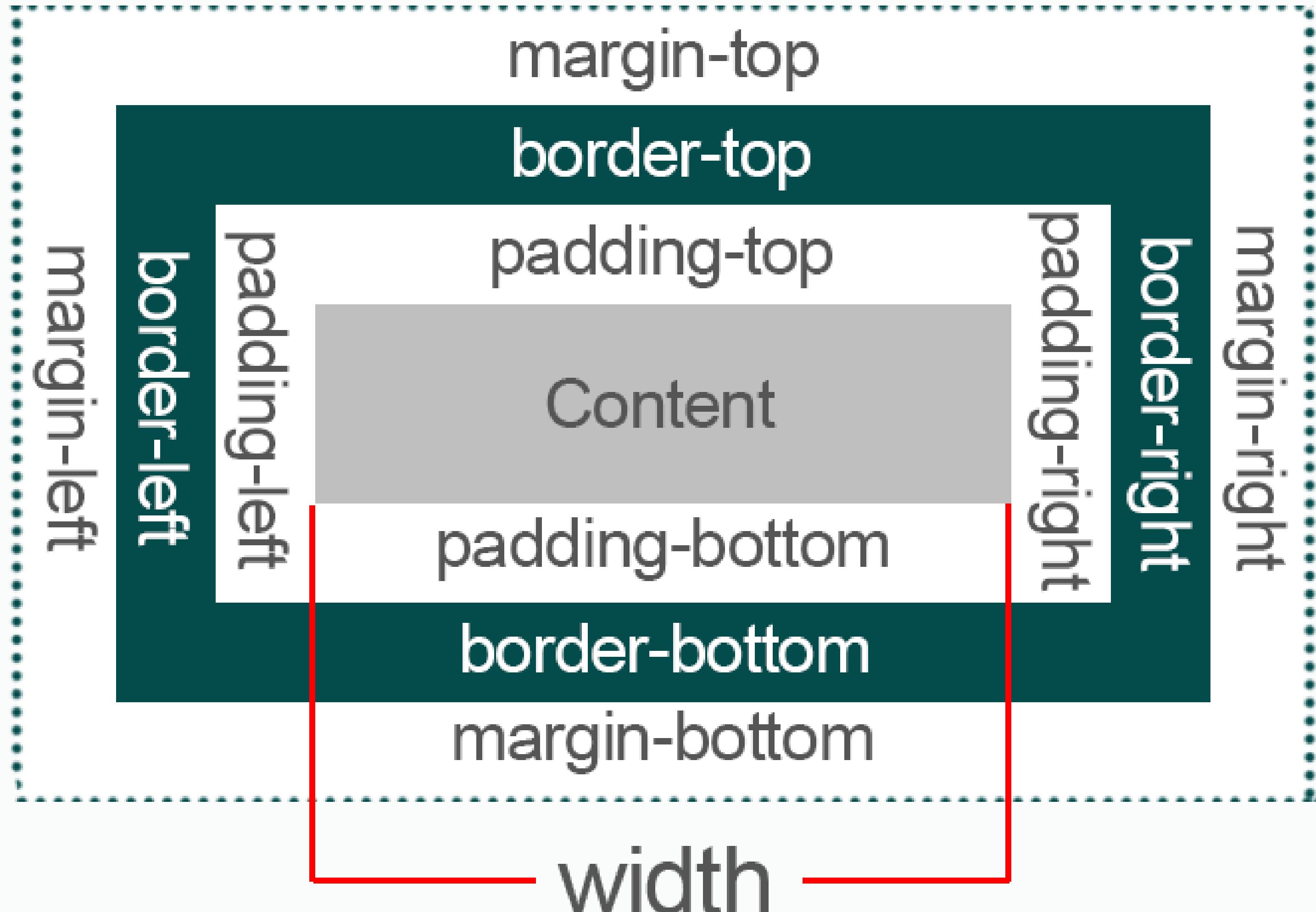
字体色

间距

padding

margin

border



间距修改

`margin: 10px;`

四周

`margin: 10px 5px;`

上下 左右

`margin: 5px 5px 10px 10px;`

上 右 下 左

.class 与 #id

```
#red {  
    color: #ff0000;  
}  
  
.red {  
    color: #ff0000;  
}
```

直接子级与间接子级

```
div p {  
    color: #ff0000;  
}
```

```
div > p {  
    color: #ff0000;  
}
```

状态

:hover 鼠标悬停

:active 鼠标选中

:focus 键盘输入

```
.btn:hover {  
    color: #fff;  
}
```

浮动属性 (float)

Log Archive by Entry

6 July 2004

Filtering CSS

To help with this, I introduce a new CSS filter that can be used to manipulate the style sheet for IE5/Mac, named the **IE5/Mac Band Pass Filter**.

FLOAT LEFT

Back Story

Ideally, I try to avoid the use of hacks in CSS files, if at all possible. Sadly, the continued discrepancies in the way browsers interpret CSS specifications (and then implement them) still require the use of more hacks than I'd like to see in my style sheets. I would prefer not to use any hacks or filters, but sometimes, they're a necessary evil. Fortunately, hacks, workarounds, and filters can be used with

Search Stopdesign

» July 2004

1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31

FLOAT RIGHT

Recent Entries

Seattle-bound
Women, Part II
Filtering CSS
Office Shopping

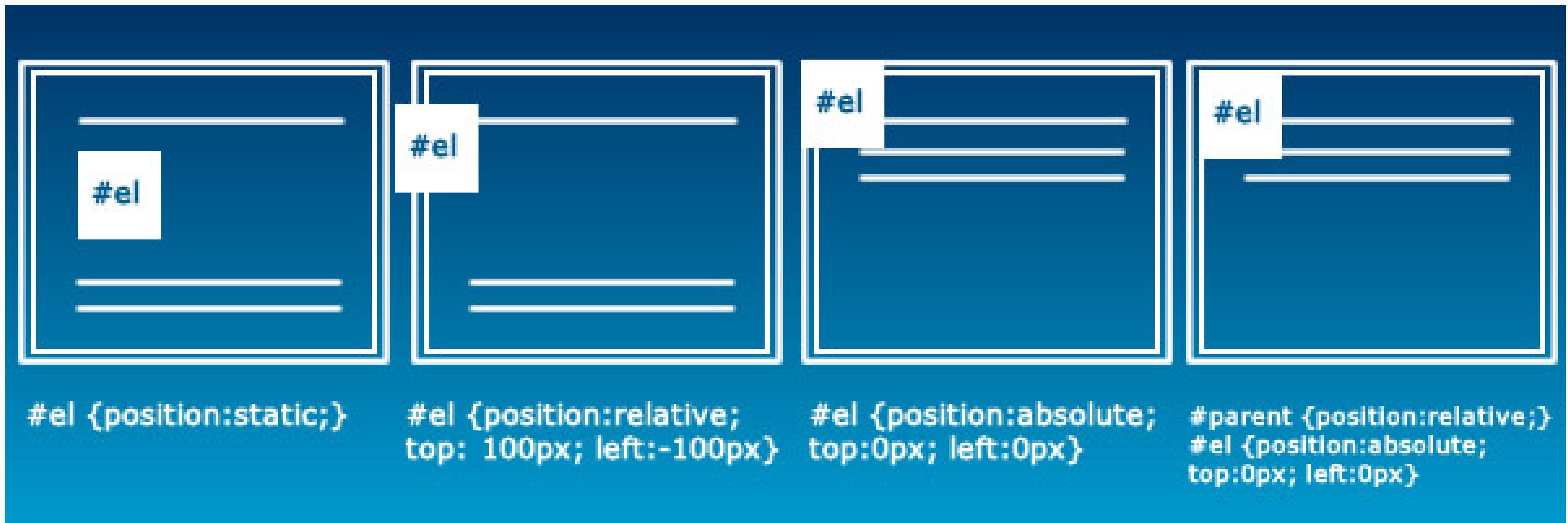
显示属性 (display)



display: inline-block;

display: block;

位置属性 (position)



响应式设计 (media query)

```
@media(min-width:900px){p{color:red;}}
```

↑
Media query
announcement

↑
What circumstance
should this query be
“turned on” or applied

↑
What it should do if the
circumstance happens

样式覆盖

```
.heading {  
    font-size: 10px;  
    color: #ff0000;  
}
```

```
.heading {  
    font-size: 12px;  
}
```

随堂作业

learn.webdxd.com



About

Work

Contact

Hi, I'm Steve!

a full stack designer.



I do development.

Computer programming, the process of designing, writing, testing, debugging / troubleshooting, and maintaining the source code of computer programs.



I do design.

Design is the creation of a plan or convention for the construction of an object, system or measurable human interaction. Design has different connotations in different fields.





About Work Contact

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工具下载



Chrome

开发用浏览器



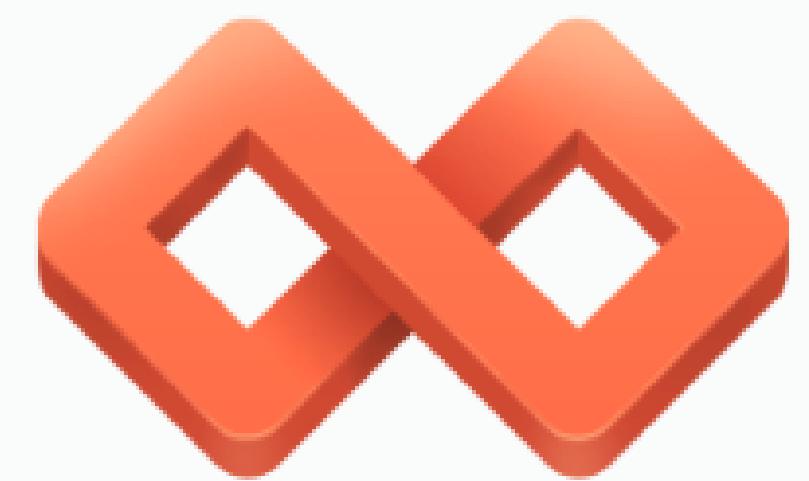
Sublime Text 3

编辑器



Slack

提问交流工具



ScreenHero

远程协助工具