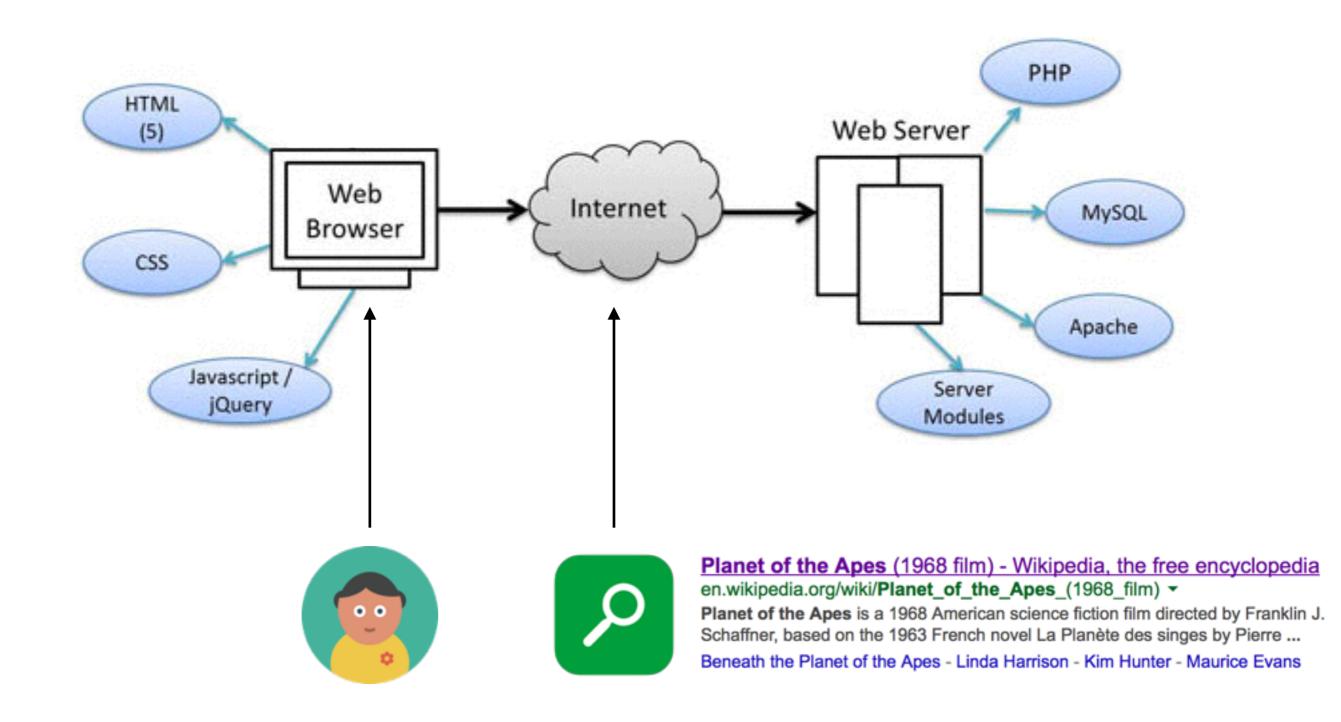
jS();
Javascript





What is behind?



crawlers and other agents

Web page

```
HTML
<html>
<head>...
<body>
<h1>
<h2>
...
<
```



Content

Headings Paragraphs Lists Images Links

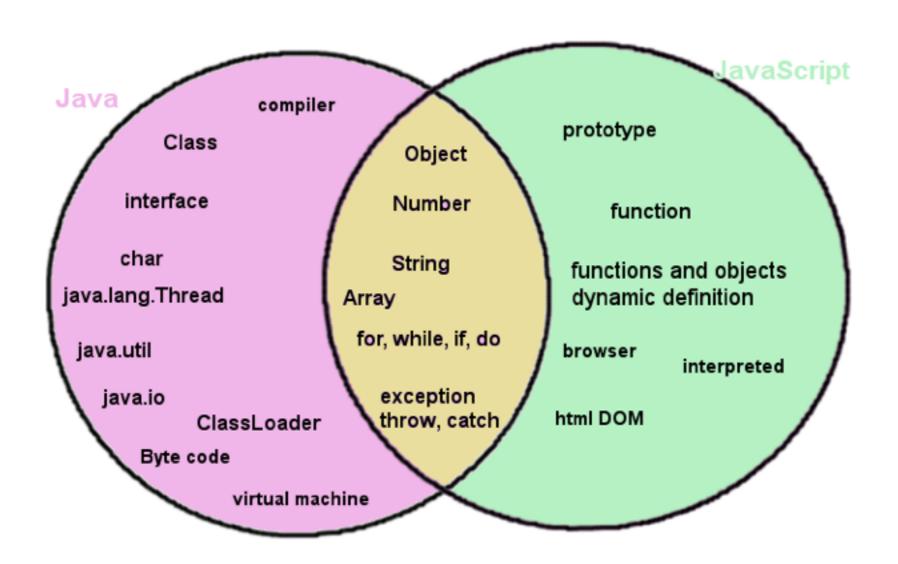
Presentation

Colors Fonts Positioning

Behavior

AJAX data manipulation Error checking pop-up calendars special effects

Javascript



http://j2s.sourceforge.net/j2s-user-guide/dist/j2s-user-guide-htmls/chap-java-to-js-translation.html

Hands On!

Reference material



http://htmldog.com/guides/javascript/beginner/

Variables and data types

```
var name;
name = value;
```

dynamic typing

```
name = "Pippo";
name = 5;
name = true;
name = [1,2,3];
name = {};
name = function(){
};
```

Conditional

```
if ([condition]){
   /* true block */
if ([condition]){
   /* true block */
} else {
   /* true block */
```

```
if ([condition1]){
    /* true condition 1 */
} else if ([condition2]) {
    /* true condition 2 */
} else {
    /* false both */
}
```

Loops

```
while ([condition]){
    /* true */
}

do {
    /* loop block */
} while ([condition]);
```

```
for(init; [condition1], inc){
    /* true condition */
}
```

functions

```
function name(param) {
  return value;
}

var name = function (param) {
  return value;
}
```

Objects & Arrays

```
var person = {
                               var list = [va1, val1, val3]
  name: value,
  age: value,
  speak : function(){
                                list.length
     return sth;
                                list[index]
                                list.push(val)
person.name
                                list.pop(val)
person.speak()
person["name"]
```