Saud Script for the Client

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Overview

The Browser DOM HJS EVENTS

Java Script

SpiderMonkey

V8

Chakra

JavaScriptCore









Java Script

SpiderMonkey

V8

Chakra

JavaScriptCore

Layout

Gecko

Blink

EdgeHTML

WebKit

Document

Object

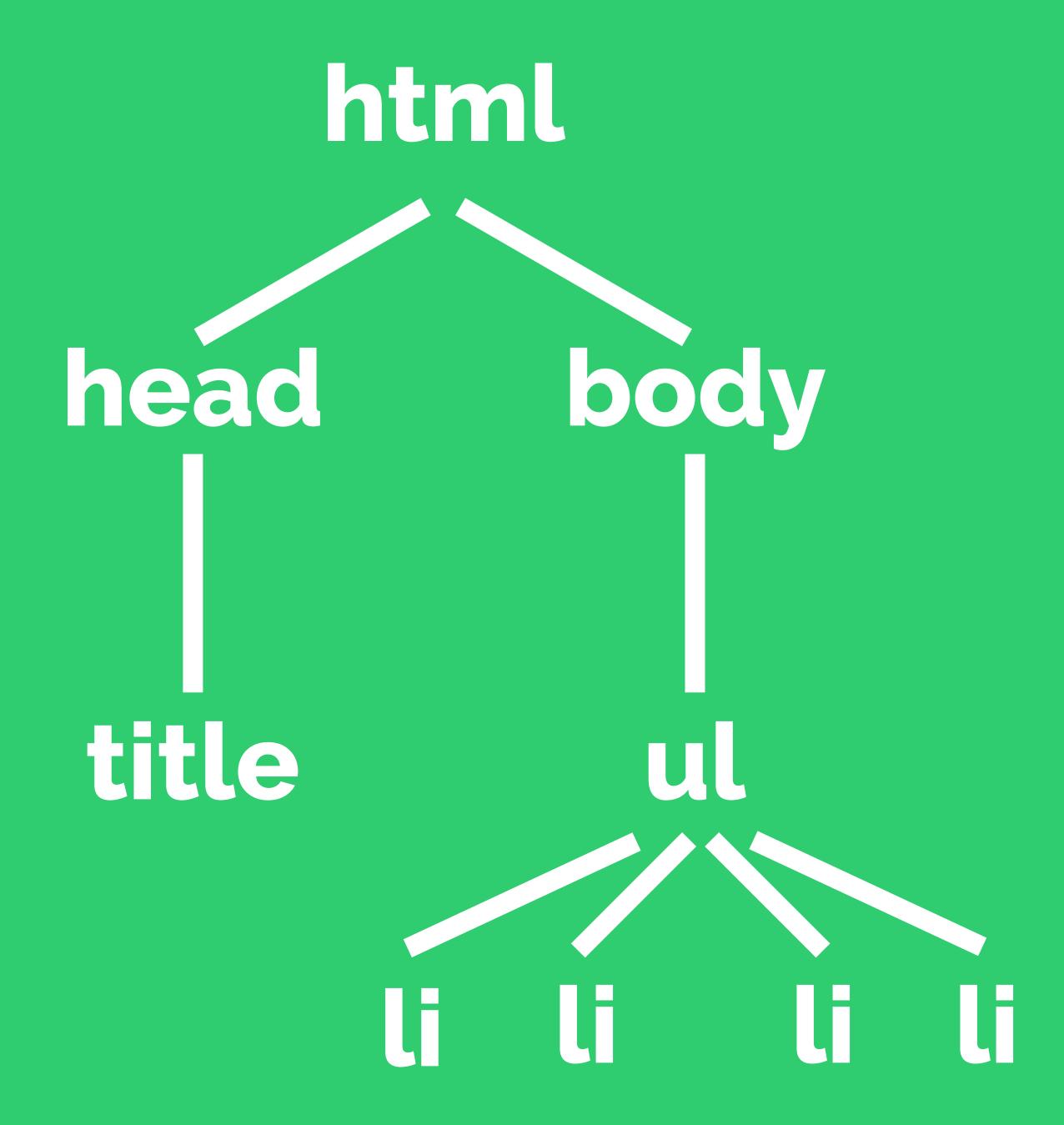
Model



```
<html>
 <head>
   <title>JavaScript for the Client</title>
 </head>
 <body>
   ul>
    Item 1
    Item 2
    Item 3
    Item 4
   </body>
</html>
```

html body

The DOM
uses a tree
structure.



navigator, window, document



Add

- 1. Prepare lecture
- 2. Show up for work on time

Selecting DOM Elements

```
Document.getElementById()
Document.getElementsByClassName()
Document.getElementsByName()
Document.getElementsByTagName()
```

Document.querySelector()
Document.querySelectorAll()

Adding DOM Elements

Document.createElement()
Document.createTextNode()

Node.appendChild()

Events are triggered when interesting things happen.

blur click dblclick focus input keydown keypress keyup

mousedown mouseleave mousemove mouseout mouseover mouseup

resize scroll select unload wheel

Adding Events

```
var button = document.querySelector('button');
button.addEventListener('click', function(event) {
  console.log('Clicked ' + event.detail + ' times.');
});
```

Questions?