

Interaction 2

Hello
my name is

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 **A BOOK APART**
Brief books for people who make websites

No
20

Mat Marquis

JAVASCRIPT FOR WEB DESIGNERS

FOREWORD BY Lara Hogan

JAVASCRIPT FOR WEB DESIGNERS

JAVASCRIPT FOR WEB DESIGNERS

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We can't wait to share what's next with you.



Stephane Prud'homme
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Ryan Price
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sarah
@sarah_ross



Max Beatty
@maxbeatty

Restoring a previous version of a file on Dropbox just saved my marriage

bit.ly/vdes10918



Javascript

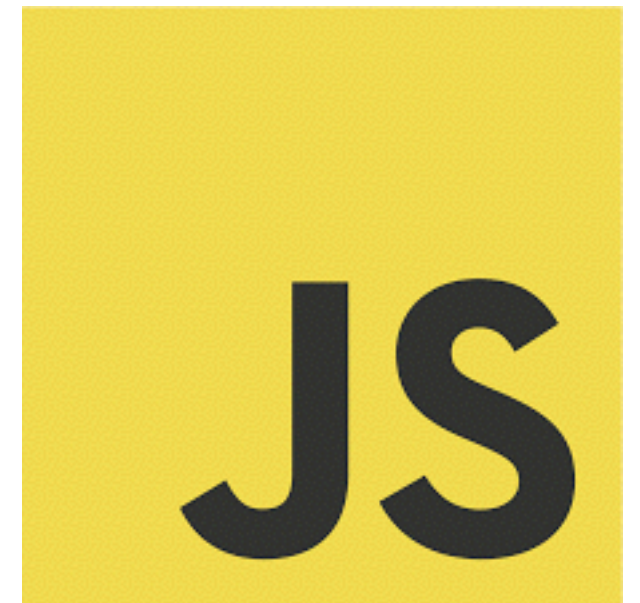
How it works



HTML
Content



CSS
Design



Javascript
behaviour

Interaction with JS

- ❖ Use JS to:
- ❖ **Access Content** - can select any element, attribute or text on a HTML page
- ❖ **Modify Content** - add elements, attributes or text to the page or remove them
- ❖ **Program** - specify steps for the browser to follow to change a page
- ❖ **React to events** - do something to the page if a button has been pressed, a cursor is moved, information is added to a form

“JavaScript allows us to add interaction to our pages as a complement to the structural layer that is markup and the presentational layer that is CSS.”

–Javascript for Web Designers

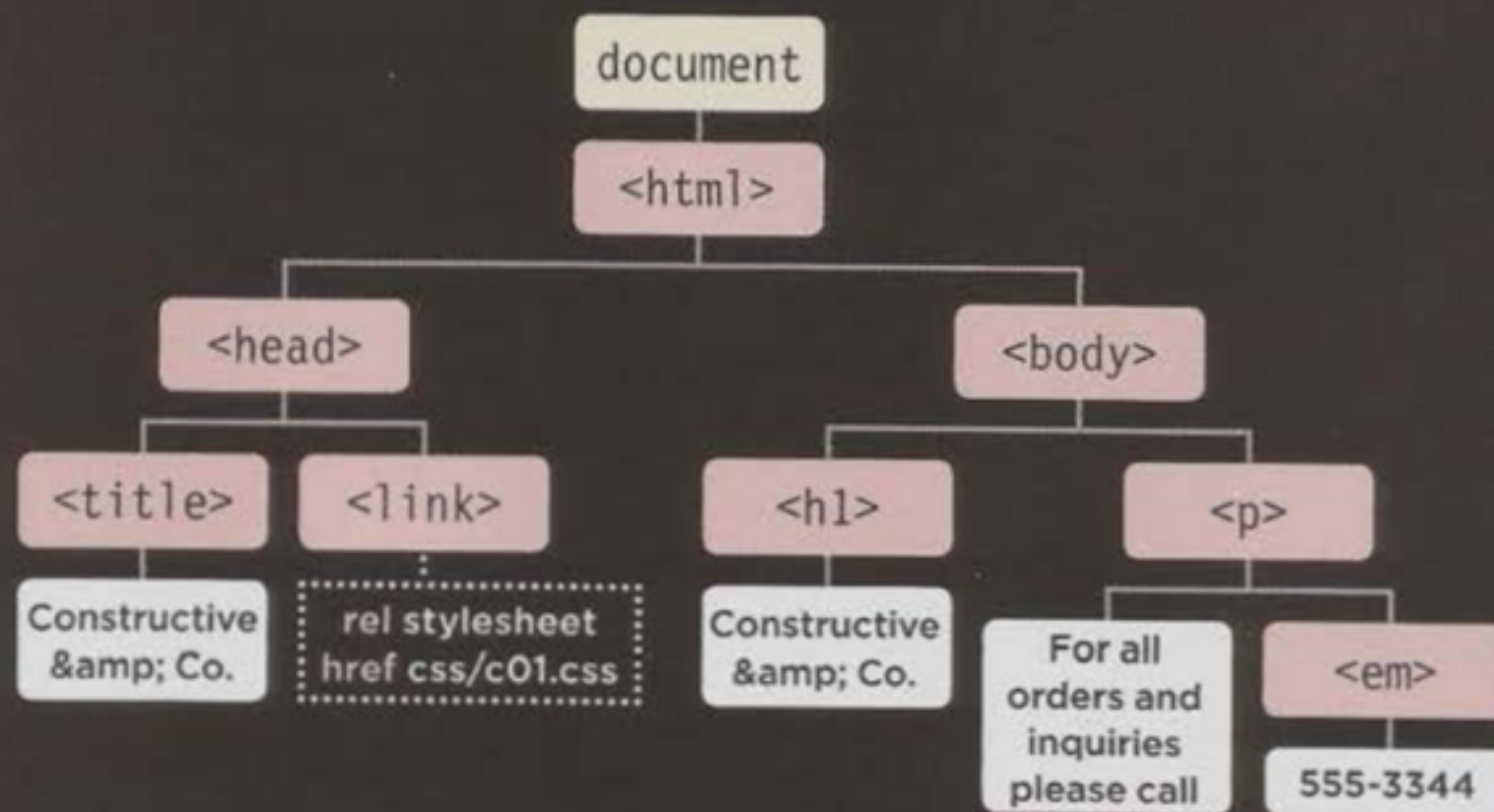
The DOM

- ❖ Document Object Model
- ❖ Provides JS a “map” of the Web page

```

<!DOCTYPE html>
<html>
  <head>
    <title>Constructive & Co.</title>
    <link rel="stylesheet" href="css/c01.css" />
  </head>
  <body>
    <h1>Constructive & Co.</h1>
    <p>For all orders and inquiries please call
      <em>555-3344</em></p>
  </body>
</html>

```





“A variable is a symbolic name for a value.”

–Javascript for Web Designers