

CSS

Week 4.1 - IST 263

Section M005

HOMEWORK REVIEW

- Have you noticed any change in the way you read & look at HTML when you are browsing?
- File name convention
protocol + domain name + path + file = ??
- File extensions (.html vs .txt)
- Review Links in resume
- Sample homework
- Individual Projects - proposals & next steps
- Importance of pre-class preparation

Questions about HTML ?

Cornerstone technologies for the WWW

describes how the content should be rendered

HTML + CSS + JS = WEB PAGE

the content to be rendered

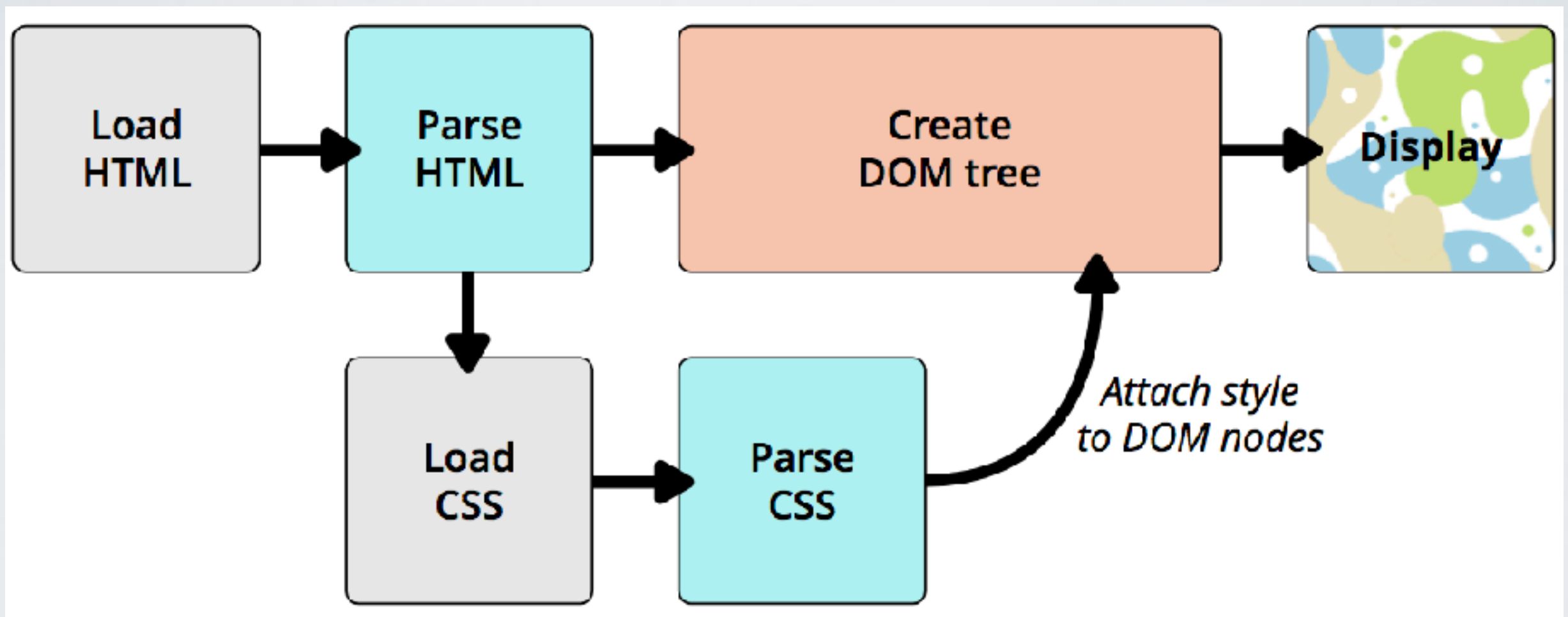
makes the page interactive

CSS

Cascading **S**tyle **S**heets

CSS is a stylesheet language used to describe the presentation of a document written in HTML or XML.

HOW DOES CSS AFFECT HTML



SAMPLES IN FOLDER

CSS Vocabulary

- Selector
- Property
- Value
- CSS Declaration
- CSS Declaration Block

```
h1 {  
    font-size: 35px;  
    font-weight: normal;  
    text-align: center;  
    color: #666;  
}
```

HOW TO APPLY CSS

- External Stylesheet

Defined in an external file. Included via the `<link>` element. Affects all pages where it is included.

- Internal Stylesheet

Included in the page via the `<style>` element. Affects only the page it is included in.

- Inline Styles

Included via the *style attribute* for a HTML element. Affects only the element.

Let's try some CSS

DEVELOPER TOOLS

DOM

Document **O**bject **M**odel

Created by the browser, and has a tree-like structure

HTML Element => DOM Node

HTML => DOM Tree

```
<!doctype html>
<html lang="en">

  <head>
    <title>IST 263</title>
  </head>

  <body>
    <p>Hello World !!!</p>
  </body>

</html>
```

DOM NODE - RELATIONSHIPS

Parent, Child & Siblings

<p>

Let's use:

Cascading

Style

Sheets

</p>

P

└ "Let's use:"

└ SPAN

| └ "Cascading"

└ SPAN

| └ "Style"

└ SPAN

└ "Sheets"

MORE CSS

Next Class