



Coding design blocks

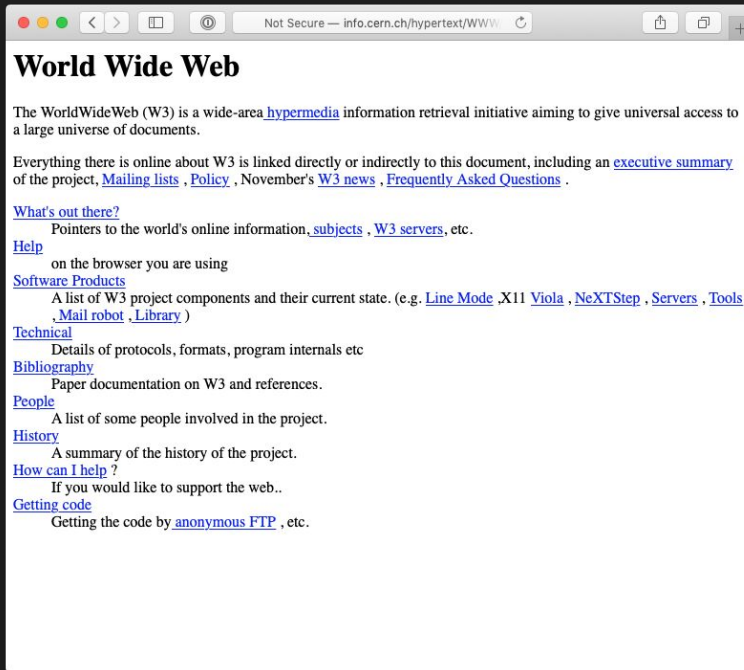
August 6, 1991

28 years ago

# August 6, 1991

28 years ago

16 years before the first iPhone  
17 years before the first Android



## World Wide Web

The WorldWideWeb (W3) is a wide-area [hypertext](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an executive [summary](#) of the project, [Mailing lists](#), [Folksy](#), November's [W3 news](#), [Frequently Asked Questions](#).

[What's out there?](#)

Pointers to the world's online information, [subjects](#), [W3 servers](#), etc.

[Help](#)

on the browser you are using

[Software Products](#)

A list of W3 project components and their current state: (e.g. [Line Mode](#), [X11 Viola](#),

[NeXTStep](#), [Servers](#), [Tools](#), [Mail robot](#), [Library](#))

[Technical](#)

Details of protocols, formats, program internals etc

[Bibliography](#)

Paper documentation on W3 and references.

[People](#)

A list of some people involved in the project.

[History](#)

A summary of the history of the project.

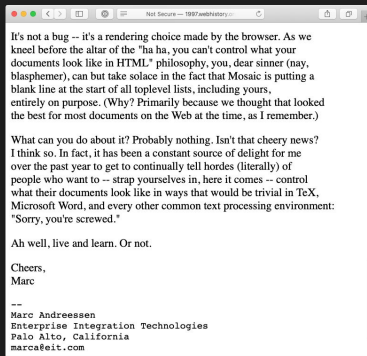
[How can I help?](#)

If you would like to support the web.

[Getting code](#)

Getting the code by [anonymous FTP](#), etc.

February 17, 1994



[..] it has been a constant source of delight for me  
over the past year to get to continually tell hordes (literally) of  
people who want to -- strap yourselves in, here it comes -- **control  
what their documents look like** in ways that would be trivial in TeX,  
Microsoft Word, and every other common text processing environment:  
"Sorry, you're screwed."

– Marc Andreessen

<P><FONT SIZE="4" COLOR="ORANGE">Hello World</FONT></P>



October, 1994

Håkon Wium Lie introduces CSS

1996

```
html {  
    margin-left: 2cm;  
    font-family: "Times", serif;  
}
```

```
h1 {  
    font-size: 24px;  
}
```

3 ways to write CSS

## The semantic way

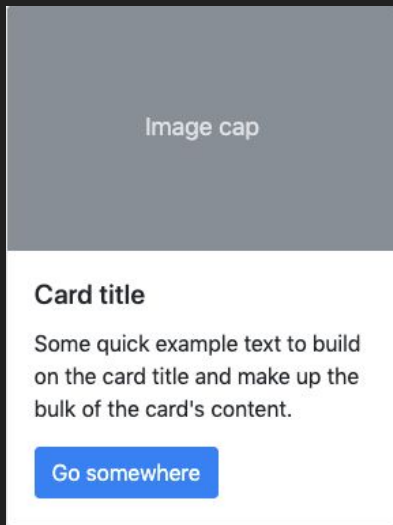
```
<div class="about">  
  <h2>Our history</h2>  
  <p>The world has changed...</p>  
</div>
```

```
.about {  
  text-align: center;  
}  
  
.about h2 {  
  font-family: Helvetica;  
  font-size: 24px;  
}
```

## The component way

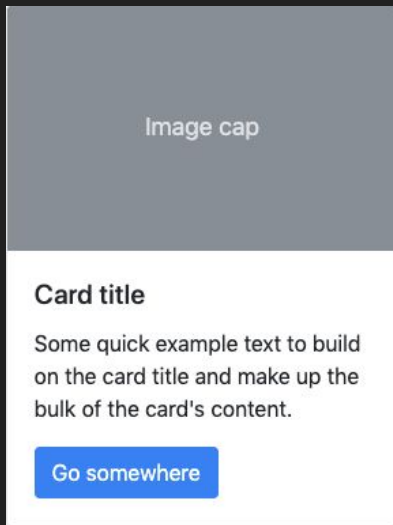
```
<div class="card">  
  <img src="" class="card-image">  
  <div class="card-body">  
    <div class="card-title">Hello</div>  
    <a href="#" class="btn btn-primary">Go</a>  
  </div>  
</div>
```

# The component way

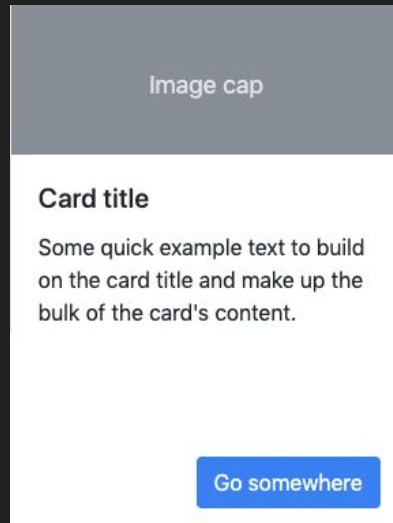


Card

# The component way



Card



Card2?



Utility-first CSS

## Why can't we do everything inline?

```
<div class="about">  
  <h2>Our history</h2>  
  <p>The world has changed...</p>  
</div>
```

## Why can't we do everything inline?

```
<div style="text-align: center">  
  <h2 style="font-size: 24px; font-family: Helvetica">Our history</h2>  
  <p style="font-size: 16px; font-family: Helvetica">The world...</p>  
</div>
```

No constraints...

“The constraints of the system allow for endless creativity”

– Andrea Helmbolt, Figma

“No one needs 12 shades of gray”

– Andrea Helmbolt, Figma

## The truth is out there

Stripe.com – 189 text colors, 90 background colors, 35 font sizes

GitHub.com – 163 text colors, 147 background colors, 56 font sizes

Figma.com – 9 text colors, 8 background colors, 15 font sizes

## Create constraints

Instead of 16 million different colors, let's limit ourselves to ~20

Instead of endless font sizes, let's limit ourselves to ~10

Instead of endless paddings/margins, let's limit ourselves to ~20



## How would it work with CSS?

```
.color-blue { color: #0000ff }  
.color-green { color: #00ff00 }
```

```
.p-0 { padding: 0 }  
.p-1 { padding: 0.25rem }  
.p-2 { padding: 0.5rem }
```

## A utility-first approach

```
<div class="text-center">  
  <h2 class="font-sans text-lg">Our history</h2>  
  <p class="font-sans text-md">The world...</p>  
</div>
```

Is anyone using this in “the real world”

Is anyone using this in “the real world”

Trello

trelio.com/en

☆

🔍

🔒

🔗

📧

🌐

⋮

Trello

Log In


Sign Up

# Trello lets you work more collaboratively and get more done.

Trello's boards, lists, and cards enable you to organize and prioritize your projects in a fun, flexible, and rewarding way.

Email

Sign Up – It's Free!



## Work with any team

Whether it's for work, a side project or even the next family vacation, Trello helps your

Team Tasks

Doing

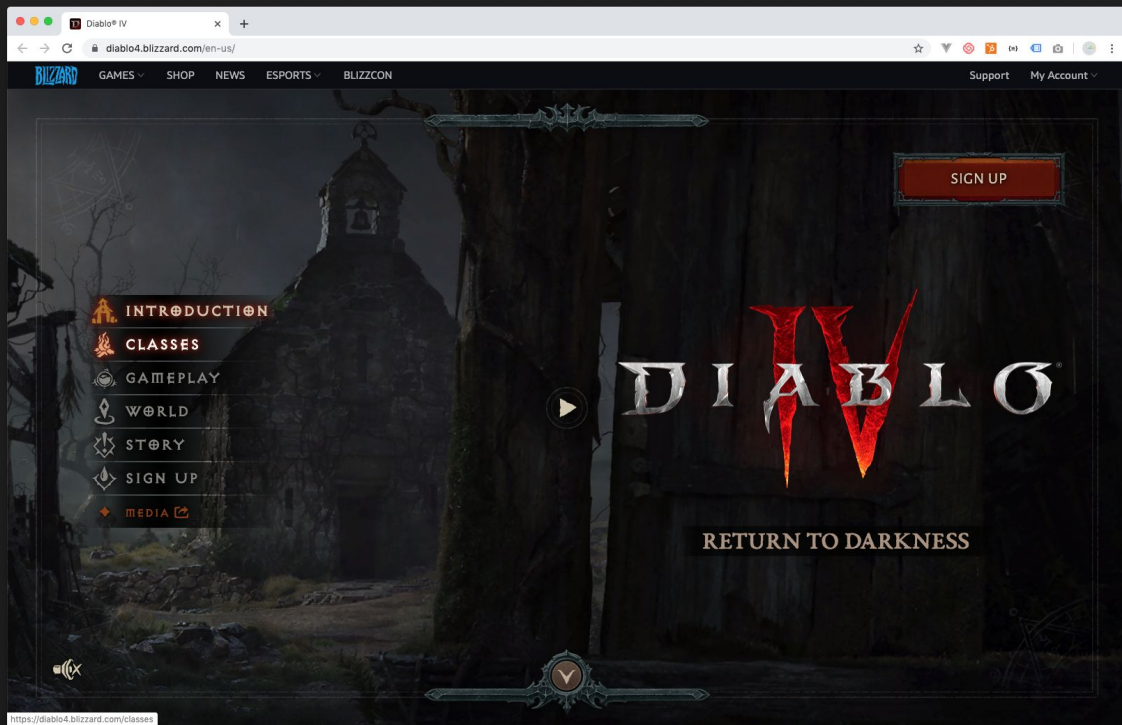
Client meeting

Plan website

Done

Publish podcast

Launch website



Let's get started