

Web-development

Where, why, what and other WH-words
in regards to the Web-Development

Vladislav Makeev

Tim Berners-Lee

1989- developed WWW



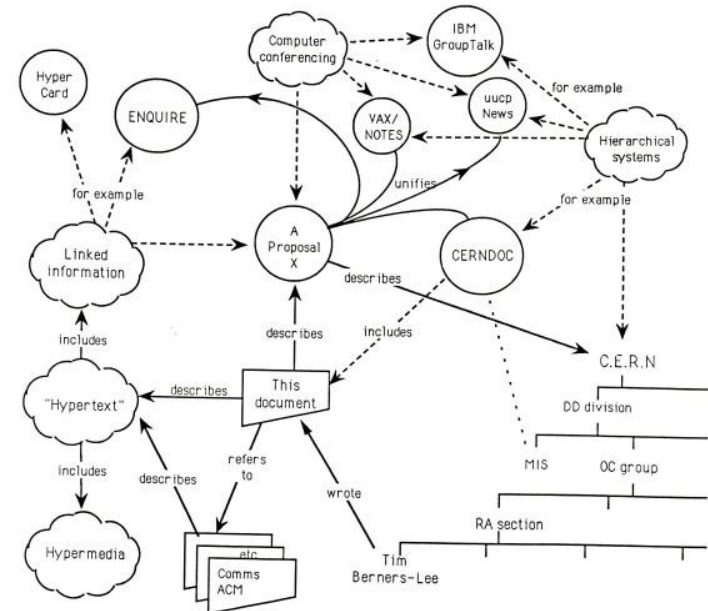
(Above) Tim Berners-Lee, pictured at CERN (Image: CERN); (Side image) The first page of Tim Berners-Lee's proposal for the World Wide Web, written in March 1989 (Image: CERN)

Information Management: A Proposal

Abstract

This proposal concerns the management of general information about accelerators and experiments at CERN. It discusses the problems of loss of information about complex evolving systems and derives a solution based on a distributed hypertext system.

Keywords: Hypertext, Computer conferencing, Document retrieval, Information management, Project control



HTML (HyperText Markup Language)

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```
<tag attribute1=val1 attribute2=val2>
```

```
  <child_tag1 />
```

```
  <child_tag2 attribute=val>
```

```
    <child_child_tag />
```

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<div id="skip-navigation" class="style-scope ytd-masthead">

<ytd-button-renderer class="style-scope ytd-masthead
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button-renderer="true" is-paper-button="">

<a class="yt-simple-endpoint style-scope ytd-button-renderer"
tabindex="-1">

<tp-yt-paper-button id="button" class="style-scope
ytd-button-renderer style-default size-default"
style-target="host" role="button" tabindex="0" animated=""
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<!--css-build:shady-->

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HTML history

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HTML 1: Brick (except for images)

HTML history

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HTML 2: Multiple browsers; TABLES

HTML history

HTML 1

HTML 2

HTML 3



HTML history

HTML 1: Brick (except for images)

HTML 2: Multiple browsers; TABLES

HTML 3.2:

<https://www.educba.com/versions-of-html/>

"because of W3C standard maintenance, the newer version of HTML was 3.2 instead of 3"

HTML history

HTML 1: Brick (except for images)

HTML 2: Multiple browsers; TABLES

HTML 3.2:

[Richard Campbell](#)

"Committee went bonkers" (Not an actual quote)

HTML history

HTML 1: Brick (except for images)

HTML 2: Multiple browsers; TABLES

HTML 3.2: CSS

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HTML 4: Added CSS support to the whole website!

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HTML 2: Multiple browsers; TABLES

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HTML 5: Tags

Styling

DSSSL: [example](#)

Pei Vei's [proposal](#)

CSS: [proposal](#)



```
selector {  
    style1: val1;  
    style2: val2;  
}  
  
tag innerTag, .className {  
    style3: val3;  
}
```

```
selector {
```

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    style1: val1;
```

```
    style2: val2;
```

```
}
```

```
tag innerTag, .className {
```

```
    style3: val3;
```

```
}
```

```
.article-content {
```

```
    min-height: 30em;
```

```
    font-family: Georgia, Times, "Times New Roman", serif;
```

```
    font-size: 1.0625rem;
```

```
    line-height: 1.625rem;
```

```
    margin: ▶ 0.5rem 0px 0.625rem;
```

```
}
```

JavaScript

1995- prototype made in 10 days ([Brendan Eich](#))

What is the most widely used programming language?



JavaScript

JavaScript is the most common coding language in use today around the world. This is for a good reason: most web browsers utilize it and it's one of the easiest languages to learn. JavaScript requires almost no prior coding knowledge — once you start learning, you can practice and play with it immediately.

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"Any application that *can* be written in JavaScript, *will* eventually be written in JavaScript"

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@CoFounder_of_StackOverflow (Jeff Atwood)

JavaScript (Definition)

JavaScript

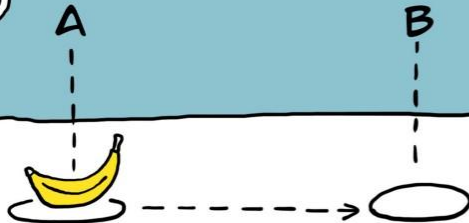
- Not Java
- Not Script

JavaScript

- Not Java
- Not Script

- Mocha
- JScript

"HOW DO I MOVE A
BANANA FROM A TO B
USING JAVASCRIPT ?"



TWITTER.COM / VINCENTDNL

JQuery

- Popular
- Easy to learn
- Cross browser

"jQuery is a Javascript library that takes this motto to heart: Writing Javascript code should be fun"

@JohnResig (2006)



JQuery

According to "*jQuery isn't useful anymore*":

- It has cool animations
- It is used in 73% of the 10 million most popular websites
- It has great AJAX support
- It is integrated with Bootstrap

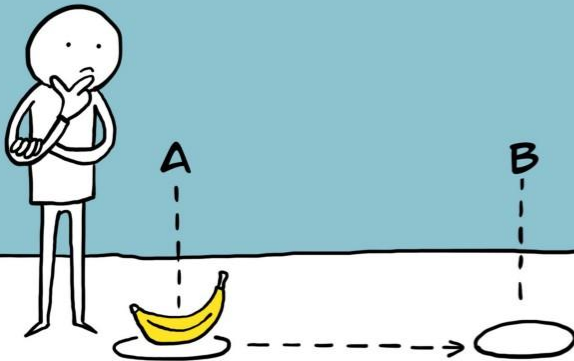
[Wiki](#)



JQuery

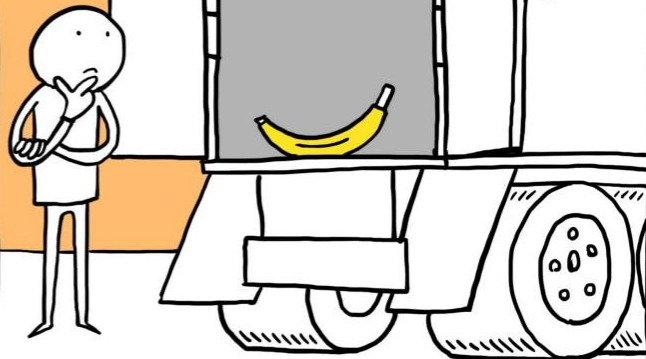
ALWAYS JQUERY...

"HOW DO I MOVE A
BANANA FROM A TO B
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"IT'S SIMPLE, JUST
USE A SEMI-TRAILER
TRUCK AND LOAD THE
BANANA IN..."



React, Angular, Vue, Svelte

