

Web Front-End Development

Week 5: JavaScript libraries

JavaScript Libraries

Not all JavaScript libraries are as well established and documented as jQuery. We're going to look at another library to see how we go about using and figuring it out.

Typed.js

<https://mattboldt.com/demos/typed-js/>

Install/Github <https://github.com/mattboldt/typed.js/>

Test with demo code to get it working

- What do you think we need in our HTML? JavaScript file?

<https://repl.it/@aileenjp/Typed-js-example>

HTML:

CDN `<script src="https://cdn.jsdelivr.net/npm/typed.js@2.0.11"></script>`
Someplace in the page for the typed script `<section id="typed"></section>`

JS:

```
var options = {  
  strings: ["<i>First</i> sentence.", "& a second sentence."],  
  typeSpeed: 40  
};
```

```
var typed = new Typed("#typed", options);
```

Once you get the basics working, play around with it and try some different options.

strings is an array with 2 values, what if the array had just one value?

```
strings: ["<i>First</i> sentence. a second sentence."]
```

Options

typeSpeed

- Try different values, how do you make it faster? Slower?
- What if you removed this option?

Smart backspacing

- How does smart backspacing work?

```
strings: ["This is my first sentence.", "This is my second sentence."]
```

Pausing

- Use the escape character to pause. Value in milliseconds

```
strings: ["First ^1000 sentence.", "Second sentence."]
```

Bulk typing

```
strings: ["git push --force ^1000 `pushed to origin with option force`"]
```

This would be a good proof of concept – got the library working and confirmed it has the functionality I need.

Now I'm ready to build my actual example.

<https://typed-js-whos-on-first--aileenjp.repl.co/>

Switched to SEO friendly structure.

Found the text and decided against using backspacing.

Played around the speed, wanted it to match the speed of the comedy skit.

CSS for font style and size, and page layout.

Wanted to have the cursor on the same line

`display: inline;`

Who's on First <https://www.youtube.com/watch?v=sShMA85pv8M>