

JavaScript without the Tears

TypeScript





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- Frontend Developer. I try not to break stuff. 🙌
- Star wars and LEGOs fanboy



JAVASCRIPT

Trip down Memory Lane

- JavaScript was initially meant for creating interactive experiences on the web
- It was a simple scripting language for browsers. It was expected to be used for short snippets in a web page
- With NodeJs, JavaScript became popular because it provided a cross platform development which allowed it to run anywhere.



The Quirks...







In summary...

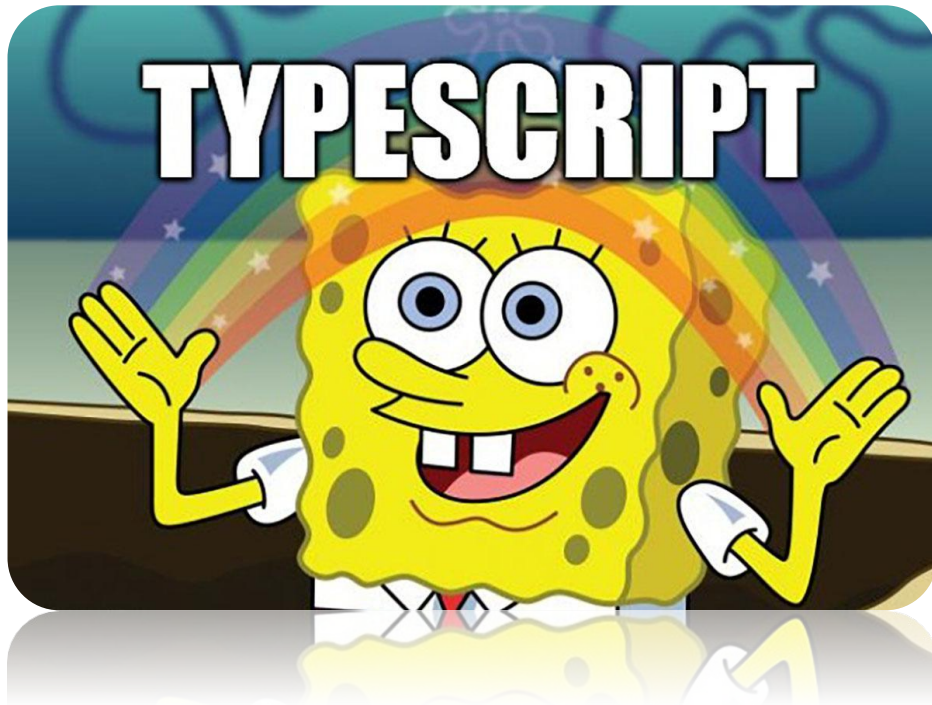
A language that was designed for quick uses, and then grew into a full-fledged tool to write applications with millions of lines. Every language has its quirks – oddities and surprises, and JavaScript's humble beginning makes it have many of these.



Magic?

A superset of JavaScript which primarily provides optional static typing, classes and interfaces.

It's just JavaScript with Types.



Perks of Ts?



Simplifies JavaScript code – no more guessing



Saves time



Provides EsNext features available in Js



Easier to read and understand



Easy to maintain



Provides highly productive development tools



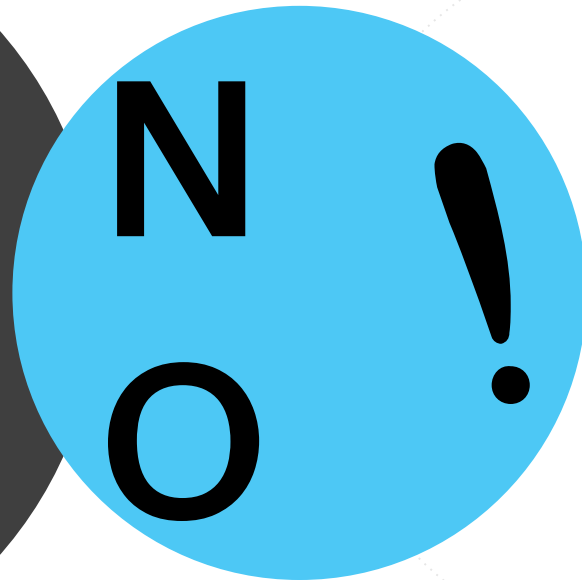
It's nothing but JavaScript with some additional features



You can use libraries and frameworks you're already used to, e.g., jQuery and React



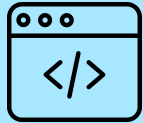
Should I
learn
Ts without
learning Js
?



Switching to TypeScript



Demo Time



Basic
Types



Advanced
Types



Interfaces




Functions



Enums



Unions



Thank You

Questions?