How TypeScript Made Me a Better JS Developer

Formidable

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What is TypeScript, exactly?

Statically Typed

Dynamically Typed

Compared to JavaScript

But How Does TypeScript Make You a Better Developer?







- Create more portable code
- Write better documentation
 - ✓ Increase dev speed

Write Better Component APIs

Using Interfaces

PropTypes vs. Interfaces

Composing Better Props and State

HOC Higher Order Component

Extending Interfaces

```
interface IWithUserDataProps {
  id: number;
  age: number;
  firstName: string;
  lastName: string;
  nickname?: string;
}
```

```
interface IGreetingProps extends IWithUserDataProps {
  message: string;
}
```

Interfaces x TDD

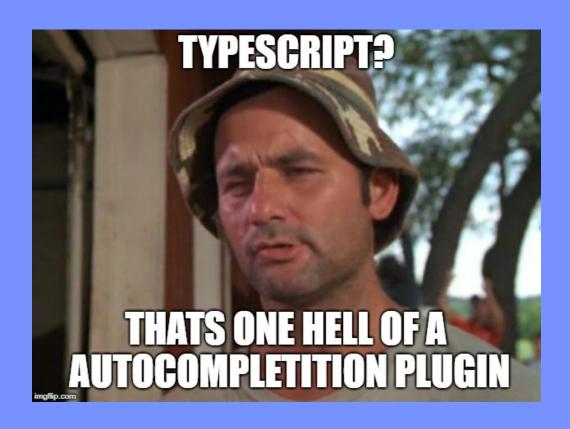
- ✓ Create more portable code
- ✓ Write better documentation
 - ? Increase dev speed



Reads 3rd party declaration files

Gives you cleaner errors

Helps you refactor



Try it for yourself!

https://typescriptcourses.com/typescriptfundamentals

https://www.typescriptlang.org/play

https://basarat.gitbooks.io/typescript

TypeScript support using Babel 7 #4837

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THANK YOU!

@KYLIESTEW ON TWITTER

github.com/kale-stew/typescript-isawesome