

Introduction to TypeScript 2

Dan Silver
Software Engineer – Microsoft Graph

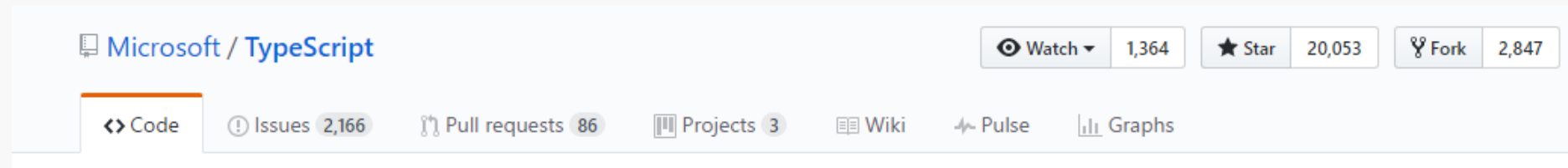
Why TypeScript?

Why TypeScript

- Strongly typed language
- Easier to refactor large code bases
- Modularize codebases based with typed interfaces
- Simple migration story from JavaScript
- Use latest JavaScript features in any application

What is TypeScript?

- Superset of JavaScript
- Compiler removes types and formats code
- Started by Microsoft, adopted by the community



Migration strategy

- Rename .js to .ts
- Migrate *parts* of existing apps
- Write interfaces and strongly type parameter inputs
 - Code that hasn't been converted can still benefit!

Type Declarations

- Provide types for pure JavaScript code bases
- Exist for jQuery, node and most libraries
- <https://www.npmjs.com/~types>
- Install with NPM
 - `npm install --save @types/node`

Let's code.

Thank you!

- I brought laptop stickers and contact cards ☺



