

TypeScript and ESNext





What is TypeScript

- TypeScript is a superset of JavaScript
- It contains optional static typing, which can prevent runtime errors
- Cannot be embedded directly into a web page
- Gets transpiled into plain JavaScript
- It allows you to leverage modern features of ES6 such as modules, classes, constants, interfaces, arrow functions etc.
- It is open source
- Excellent IDE support including intellisense, inline code help, and error reporting.
- Typescript helps guarantee browser compatibility by transpiling to ES5



TypeScript/ESNext Features

- Variable declarations(let and const)
- Static types
- Spread
- Destructure
- Rest
- Classes
- Interfaces
- Generics
- Arrow Functions
- Modules and Namespaces
- fetch
- async/await
- etc.



Variable declarations (let and const)

Next Video



Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Photographs by Unsplash