

Why Use TypeScript?

Superset of JavaScript

Types add safety

Types enable faster development

Compiles to plain JavaScript

- ES3
- ES5
- ES6/ES2015

Cross-platform

Open source

Prerequisites



Basic understanding of JavaScript

Node.js (www.nodejs.org)

TypeScript editor

Course Modules

Installation and Setup

TypeScript Basics

Functions

Interfaces

Classes

Modules and Namespaces

Generics

**Compiler Options and Project
Configuration**

Type Definitions

Library Manager

Books

Authors

Librarians

Magazines

Let's get started!