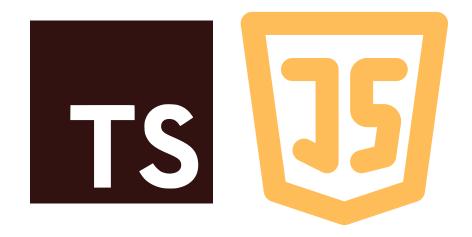# Javascript vs Typescript

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# Definition

## Javascript

Scripting language for web development

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## Typescript

Superset of JS with static typing

→

# Typing

## Javascript

Dynamic (types checked at runtime)

---

## Typescript

Static (types checked at compile time)

# Compilation

## Javascript

Interpreted directly by browser

---

## Typescript

Compiled to JavaScript

# Tooling Support

## Javascript

Basic IDE support

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## Typescript

Rich Intellisense, Autocomplete

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# Error Detection

## Javascript

At runtime

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## Typescript

At compile time

→

# Learning Curve

## Javascript

Beginner-friendly

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## Typescript

Slightly steeper for beginners

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# Scalability

## Javascript

Good for small/medium projects

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## Typescript

Ideal for large codebases

# Community Support

## Javascript

Massive, well-established

--------------------------------------------------------

## Typescript

Growing rapidly, strong support

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→

# Code Safety

## Javascript

Less predictable

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## Typescript

Safer and more maintainable

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# Use Cases

## Javascript

Quick prototypes, solo projects

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## Typescript

Enterprise apps, team-based development

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# Follow For More Such Content !

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