TypeScript versus JavaScript

Why was TypeScript developed when we already had JS?

If you're curious to find out the **key differences** look no further!

TypeScript

designed by Microsoft and released in 2012.

JavaScript

designed by Brendan Eich and released in 1995.

TypeScript

is a superset of JavaScript (OOP language).

JavaScript

is a lightweight scripting language.

TypeScript

developed to overcome code complexity for large projects.

JavaScript

helps create dynamic web page content.

TypeScript

Strongly typed (both static and dynamic typing)

JavaScript

Dynamic typing (no option for static typing)

TypeScript

converted into JS so that browsers can understand it.

JavaScript

can be directly used in most browsers.

TypeScript

best suited for large web apps.

JavaScript

best suited for small projects.

Here's a diagram to **conclude** it all

TS

JS