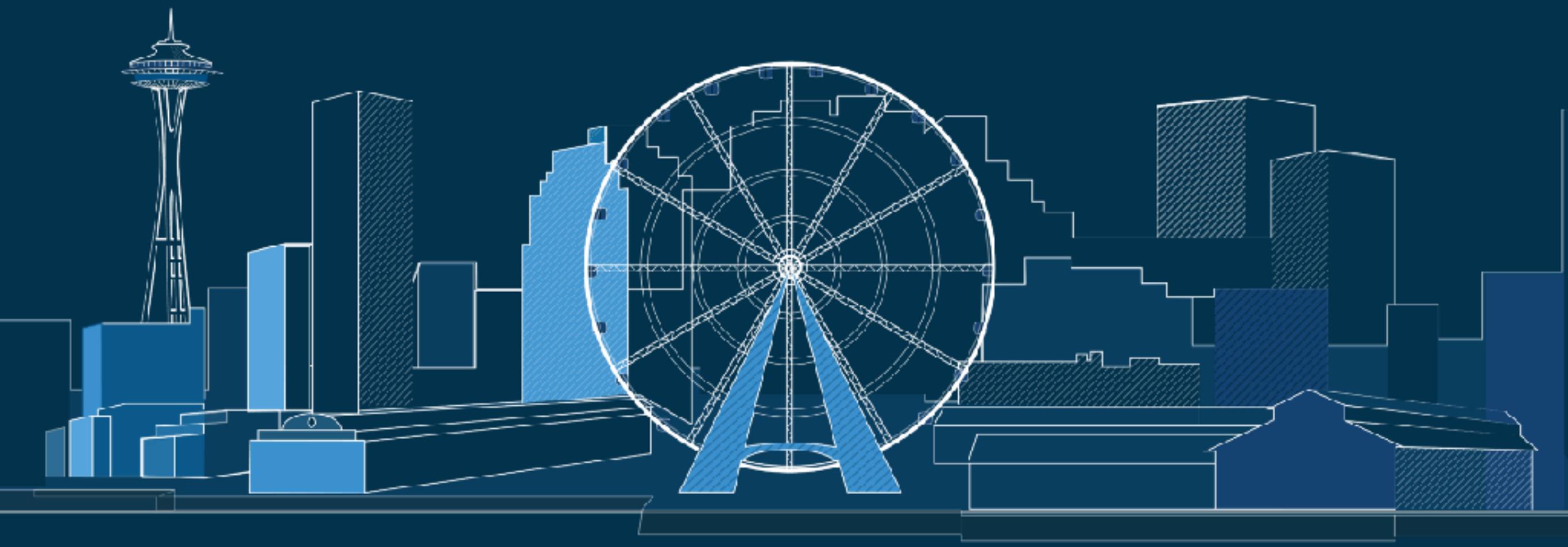


TypeScript



TS October | 2012

TS Anders Hejlsberg

TS Nice

TS Very nice

A large blue square containing the white letters 'TS' in a bold, sans-serif font, representing the TypeScript logo.

...TYPED

- Statically / Dynamically **Dynamically**
- Strong / Weak **Weak**
- Explicit / Implicit **Implicit**

TYPES

JS Boolean

JS Number

JS String

JS Null

JS Undefined

JS Object

JS Symbol (ES6)

A large yellow square containing the letters 'JS' in a bold, black, sans-serif font, representing the JavaScript logo.

TYPES

TS Boolean

TS Array

TS Number

TS Tuple

TS String

TS Enum

TS Null

TS Any

TS Undefined

TS Void

TS Object

TS Never

TS Symbol (ES6)

TS ...



Demo

DUCK TYPING & INTERFACES

«If it looks like a duck, swims like a duck and quacks like a duck, then it probably is a duck.»

Demo

DECORATORS



```
1. import { Component, OnInit, Input } from '@angular/core';
2. import { Hero } from '../hero';
3.
4. @Component({
5.   selector: 'app-hero-detail',
6.   templateUrl: './hero-detail.component.html',
7.   styleUrls: ['./hero-detail.component.css']
8. })
9. export class HeroDetailComponent implements OnInit {
10.   @Input() hero: Hero;
11.
12.   constructor() { }
13.
14.   ngOnInit() {
15.   }
16.
17. }
```



Demo

RESOURCES

- <https://habr.com/company/ivi/blog/275003/>
- <https://habr.com/company/ivi/blog/277321/>
- <https://habr.com/company/ivi/blog/303516/>

WHAT ABOUT TS?

- Statically / Dynamically **Statically**
- Strong / Weak **Weak**
- Explicit / Implicit **Implicit**

Thanks

github.com/slawiko/typescript-lecture