

TypeScript

特征

**类型理论**

用编程语言中特转指导出推的类型的能力。  
定义时未赋值或会推论出 `any` 类型 如果定义的时候赋值就能利用到类型推论

```
let flag: // 推断Any  
let count = 333; // number类型  
let hello = "hello"; // string类型
```

**联合类型**

```
let name: string | number;  
console.log(name.toString());  
name = 1;  
console.log(name.toString());  
name = "hello";  
console.log(name.length);
```

**枚举类型 (Enum Types)** 表示数据可以多种类型中的一种 未赋值时联合类型上只能获得那个类型共有的属性或方法

```
enum Color {  
  RED = 1,  
  GREEN = 2,  
  BLUE = 3,  
  PINK = 4,  
  PURPLE = 5,  
  YELLOW = 6,  
  ORANGE = 7,  
  BROWN = 8,  
  GRAY = 9,  
  WHITE = 10,  
  BLACK = 11,  
  SILVER = 12,  
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