# TypeScript

## 安装Typescript

npm I –g typescript

## 第一个typescript

### greeter.ts

class User {

fullName: string

firstName: string

lastName: string

constructor(firstName: string, lastName: string) {

this.firstName = firstName

this.lastName = lastName

this.fullName = firstName + ' ' + lastName

}

}

interface Person {

firstName: string,

lastName: string

}

function greeter(person: Person) {

return 'hello ' + person.firstName+ ' '+ person.lastName

}

let user = new User('yan', 'qiang')

console.log(greeter(user))

### 运行

cmd 中

tsc greeter.ts

运行后会生成一个greeter.js

var User = /\*\* @class \*/ (function () {

function User(firstName, lastName) {

this.firstName = firstName;

this.lastName = lastName;

this.fullName = firstName + ' ' + lastName;

}

return User;

}());

function greeter(person) {

return 'hello ' + person.firstName + ' ' + person.lastName;

}

var user = new User('yan', 'qiang');

console.log(greeter(user));