Creating and Using Angular Services
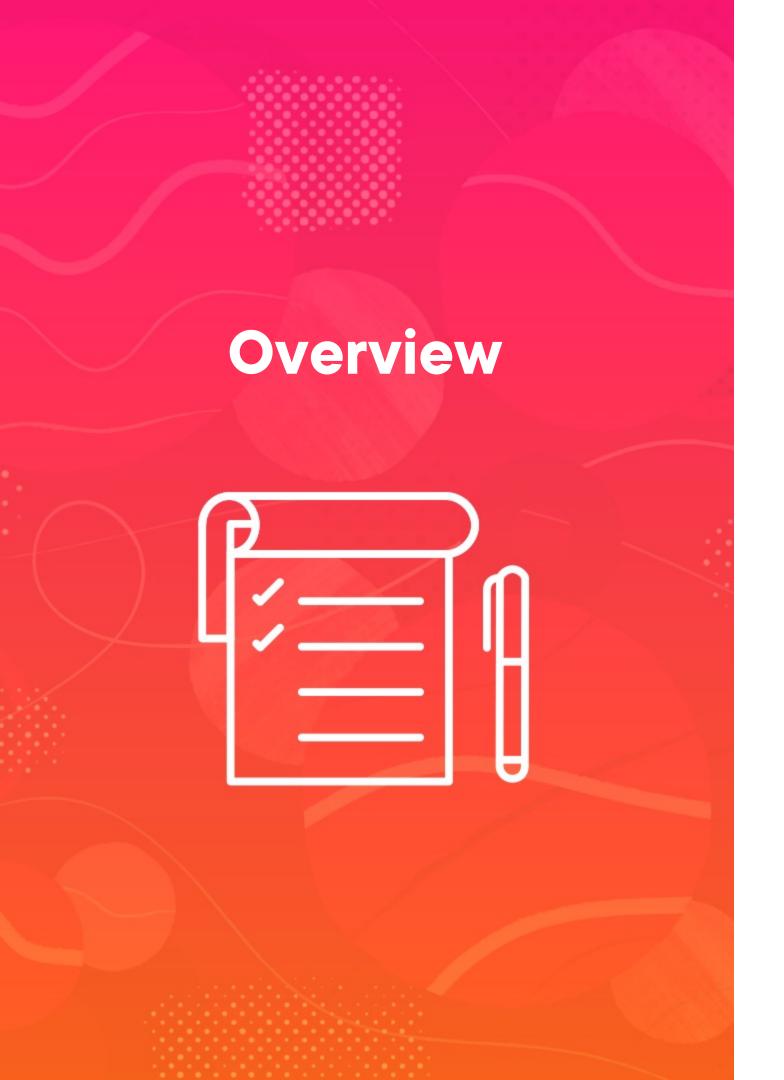
Joe Eames
Google Developer Expert

@josepheames | joeeames.me

Overview

The purpose of services

Dependency injection

Creating a service

Injecting a service

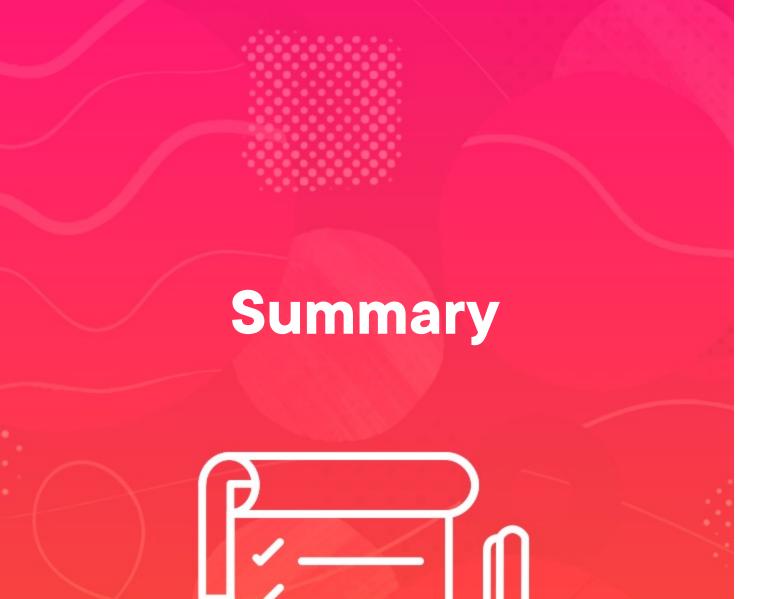Business logic encapsulation

Dependency Injection

```
export class LoginService {

    ...

}


Export class LoginComponent {
    constructor(private loginSvc: LoginService) {}

    handleLoginButtonClick() {
        this.loginSvc.login();
    }
}
```

Property Dependency Injection

```
export class LoginService {
    …
}


Export class LoginComponent {
    private loginSvc: LoginService = inject(LoginService);


    constructor() {}


    handleLoginButtonClick() {
        this.loginSvc.login();
    }
}
```

Summary

Creating a service
– Use CLI

Injecting a service
– Constructor injection
– inject function

Business logic
– encapsulated
– reusable