

Angular Service Providers



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Q: What are Providers and Injectors?



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Providers: Instructions

Injectors: Classes/Objects



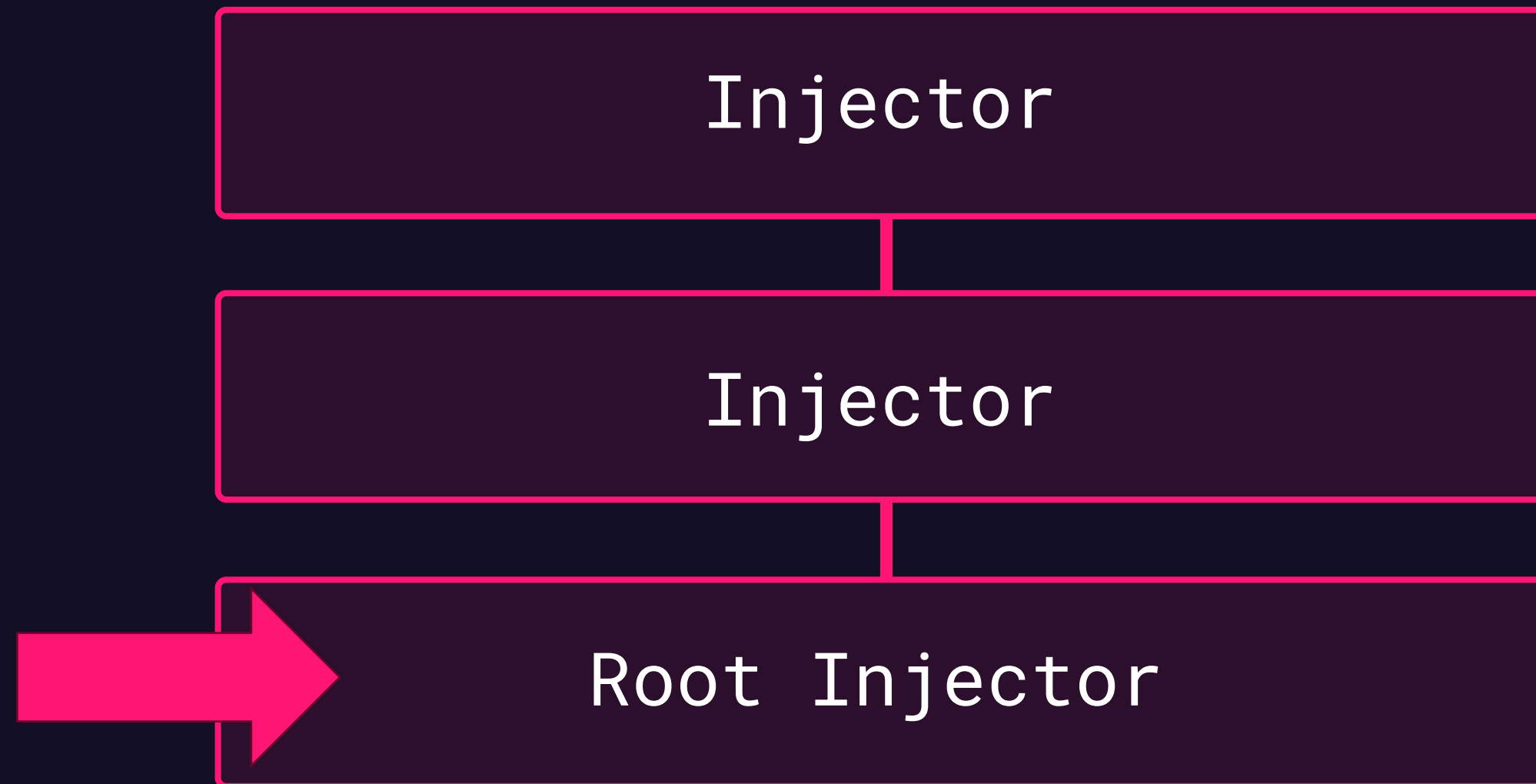
Q: What are Providers and Injectors?

Providers: How

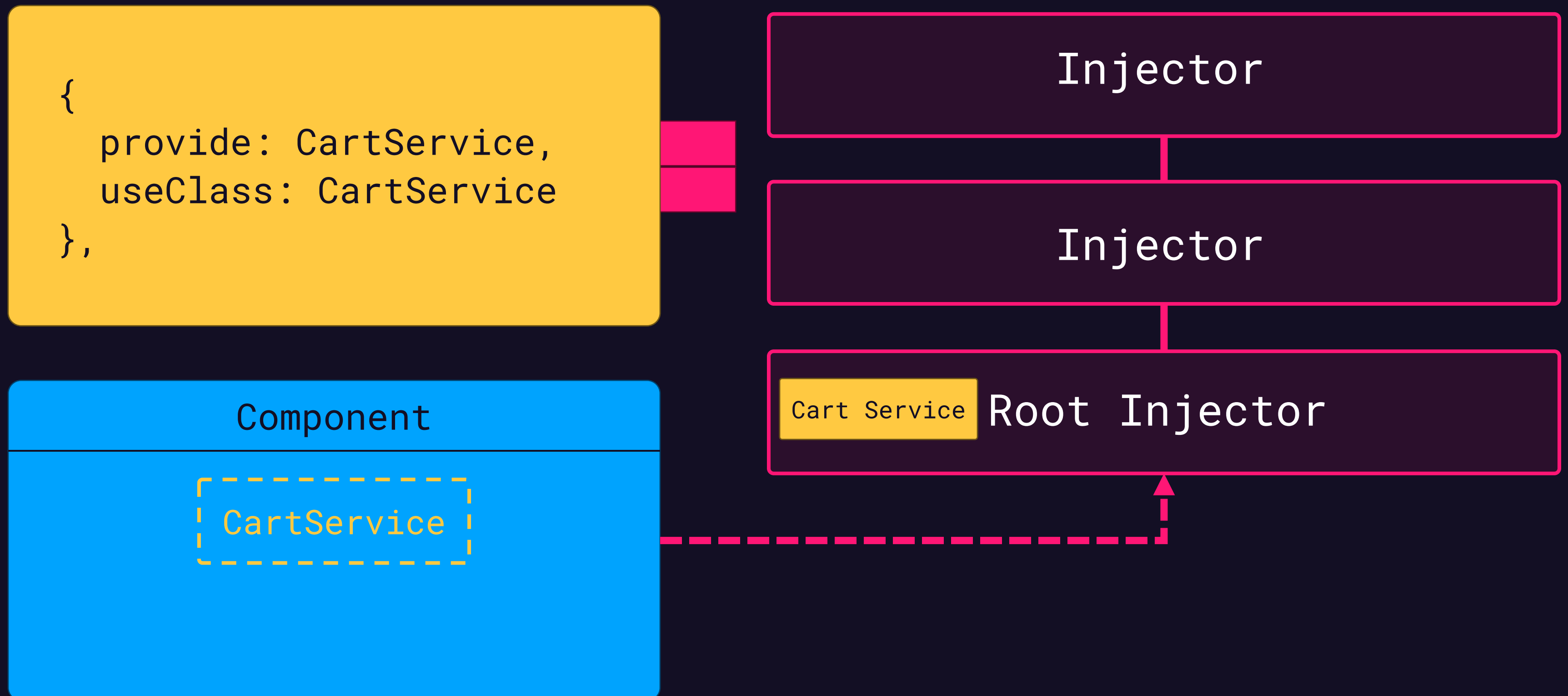
Injectors: When/Where



What Are Service Providers and Injectors



What Are Service Providers and Injectors



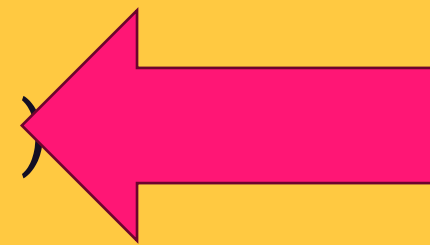
What Are Service Providers and Injectors

```
class CartService {  
    ...  
}
```



What Are Service Providers and Injectors

```
@injectable('providedIn: 'root')  
class CartService {  
    ...  
}
```



What Are Service Providers and Injectors

```
@injectable('providedIn: 'root')  
class CartService {  
    ...  
}
```

```
{  
    provide: CartService,  
    useClass: CartService  
},
```



What Are Service Providers and Injectors

```
providers: [  
  {  
    provide: CartService,  
    useClass: CartService  
  },  
]
```



What Are Service Providers and Injectors

```
@NgModule({  
  providers: [  
    {  
      provide: CartService,  
      useClass: CartService  
    },  
  ],  
})  
class MyModule { }
```



What Are Service Providers and Injectors

```
@Component({  
  providers: [  
    {  
      provide: CartService,  
      useClass: CartService  
    },  
  ],  
})  
class CatalogComponent { }
```



What Are Service Providers and Injectors

```
@Directive({  
  providers: [  
    {  
      provide: CartService,  
      useClass: CartService  
    },  
  ]  
})  
class MyDirective { }
```



What Are Service Providers and Injectors

```
@Directive({  
  providers: [  
    {  
      provide: CartService,  
      useClass: CartService  
    },  
  ]  
})  
class MyDirective { }
```



What Are Service Providers and Injectors

```
const appConfig = {  
  providers: [  
    {  
      provide: CartService,  
      useClass: CartService  
    },  
  ],  
};
```

```
bootstrapApplication(AppComponent, appConfig);
```

