A Different Way Of Injecting Services

If you're using **Angular 6+** (check your `package.json` to find out), you can provide application-wide services in a different way.

Instead of adding a service class to the `providers[]` array in `AppModule` , you can set the following config in `@Injectable()` :

```
1. @Injectable({providedIn: 'root'})
2. export class MyService { ... }
```

This is exactly the same as:

```
1. export class MyService { ... }
```

and

```
1. import { MyService } from './path/to/my.service';
2.
3. @NgModule({
4.     ...
5.     providers: [MyService]
6. })
7. export class AppModule { ... }
```

Using this syntax is **completely optional**, the traditional syntax (using `providers[]`) will also work.

The "new syntax" does offer one advantage though: Services **can be loaded lazily** by Angular (behind the scenes) and redundant code can be removed automatically. This can lead to a better performance and loading speed - though this really only kicks in for bigger services and apps in general.

Resources for this lecture