**The @Injectable Decorator**

The @Injectable() decorator is needed when a Service needs dependencies injected to its constructor. Although it is optional when a service doesn't need dependencies injected into it, a common practice is to use the Injectable() decorator for all services for consistency and so that when a service requires dependencies in the future you don't have to worry about remembering to add the decorator.

**@Injectable** on the class level. This marks it as ready for „auto-creation“ and injection by the framework.

**Observables :**

Observables can help manage async data and a few other useful patterns. Observables are similar to Promises but with a few key differences. The first is Observables emit multiple values over time. For example a Promise once called will always return one value or one error. This is great until you have multiple values over time. Web socket/real-time based data or event handlers can emit multiple values over any given time. This is where Observables really shine. Observables are used extensively in Angular. The new HTTP service and EventEmitter system are all Observable based. Lets look at an example where we subscribe to an Observable.