#### Observables

An exciting new feature used with Angular is the Observable. This isn't an Angular specific feature, but rather a proposed standard for managing async data that will be included in the release of ES7. Observables open up a continuous channel of communication in which multiple values of data can be emitted over time. From this we get a pattern of dealing with data by using array-like operations to parse, modify and maintain data. Angular uses observables extensively - you'll see them in the HTTP service and the event system.

## Observables vs Promises

Both Promises and Observables provide us with abstractions that help us deal with the asynchronous nature of our applications. However, there are important differences between the two:

* Observables are cancellable.
* Moreover, Observables can be retried using one of the retry operators provided by the API, such as retry and retryWhen. On the other hand, Promises require the caller to have access to the original function that returned the promise in order to have a retry capability.