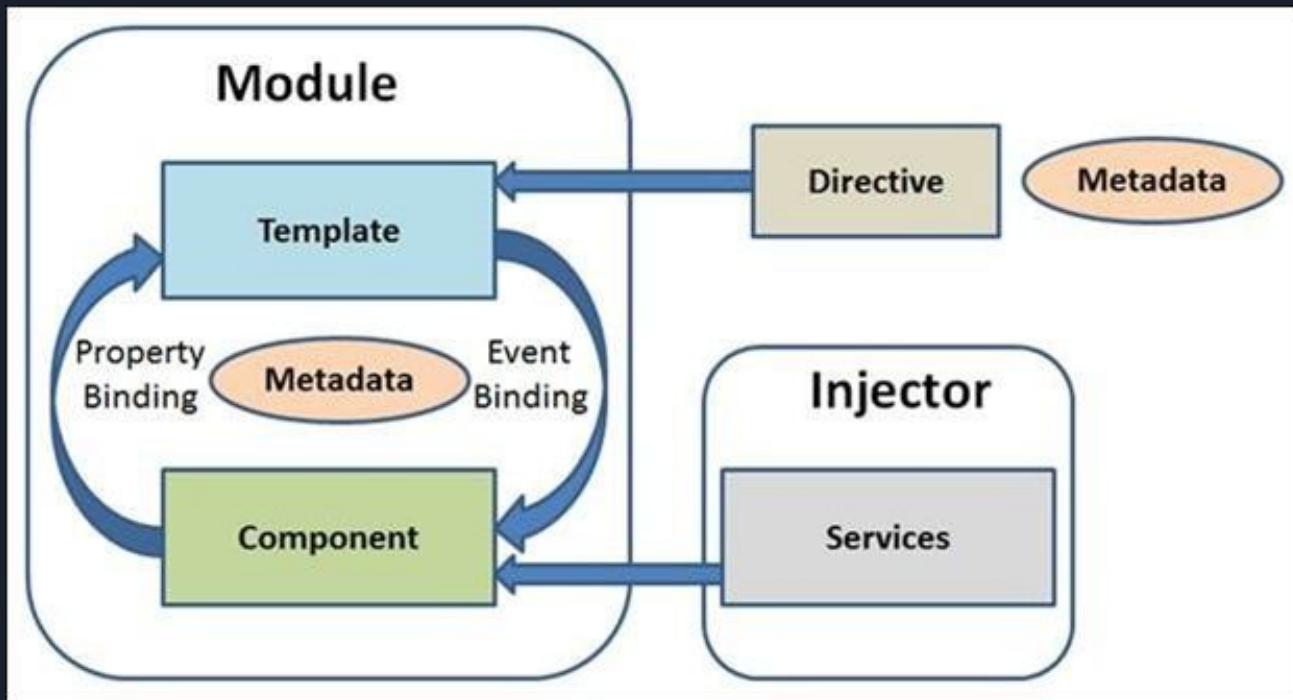# Angular 2

Angular 2?

- Front-End
  - Google, ...
- MV*
- Typescript

Building the App

Building the App

1. Modules
   a. ES6 modules = classes
2. Template
   a. Html, …
3. Component
   a. Combining logic and html
4. Metadata
   a. @Component, @Inject, …
5. Services
   a. One type of functionality (data-retrieval etc)
6. Directive
   a. Extend Template functionality @Directive

Building the App

1. Data-binding
   a. Property binding
   b. Event binding
   c. Interpolation
   d. Two-way binding
2. Dependency Injection
   a. Using services, modules, … in a component

→ See code examples

Angular 1 vs 2

- JS vs Typescript
- Data-binding
  - {{ ... }} omit vm -> interpolation
  - one-way binding = property binding [style.backgroundColor]=""
  - event-binding: ng-click = (click)
  - two-way binding: ng-model = [(ngModel)]
- Controllers are basically Components now based on ES6 standards
- More control over imports = performance increase