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Should you upgrade?



Costs of upgrading

Training your team

Not knowing if deadlines can be met

Time away from current projects

Investment already made in your Angular 1 project



Close the gap

.component()

ES6/ES2015

1-way data flow



Typescript

Routing to components

Using a module loader like webpack



Why Angular 2

Performance

faster change detection
template precompilation
faster bootstrap time

Rendering Engine

desktop
mobile

New features

Form Builder
Change Detection
Templating
Routing
Annotations
Observables
Shadow DOM

Easier to learn

components

Architecture and Maintenance

Recommended structure
from the angular team

TypeScript

(optional)

types



Leverage your Angular 1.x knowledge

NG-MIGRATE

Author: Todd Motto

<http://ngmigrate.telerik.com/>



First thing first...setup

Package Manager

install libraries and packages

Module Loader

As web apps get complex, we need a way to load scripts as needed and not conflict with each other

Pick your main language

Editor



First thing first...setup

Package Manager

NPM

Bower

Yarn

Module Loader

SystemJS

Webpack

JSPM

Language

TypeScript

ES6

ES5

Editor

Visual Studio Code

Webstorm

Atom

Eclipse



Tooling

Package Manager

NPM

Module Loader

SystemJS

Language

TypeScript

Editor

Visual Studio Code



Tooling

NPM

package.json

SystemJS

systemjs.config.js

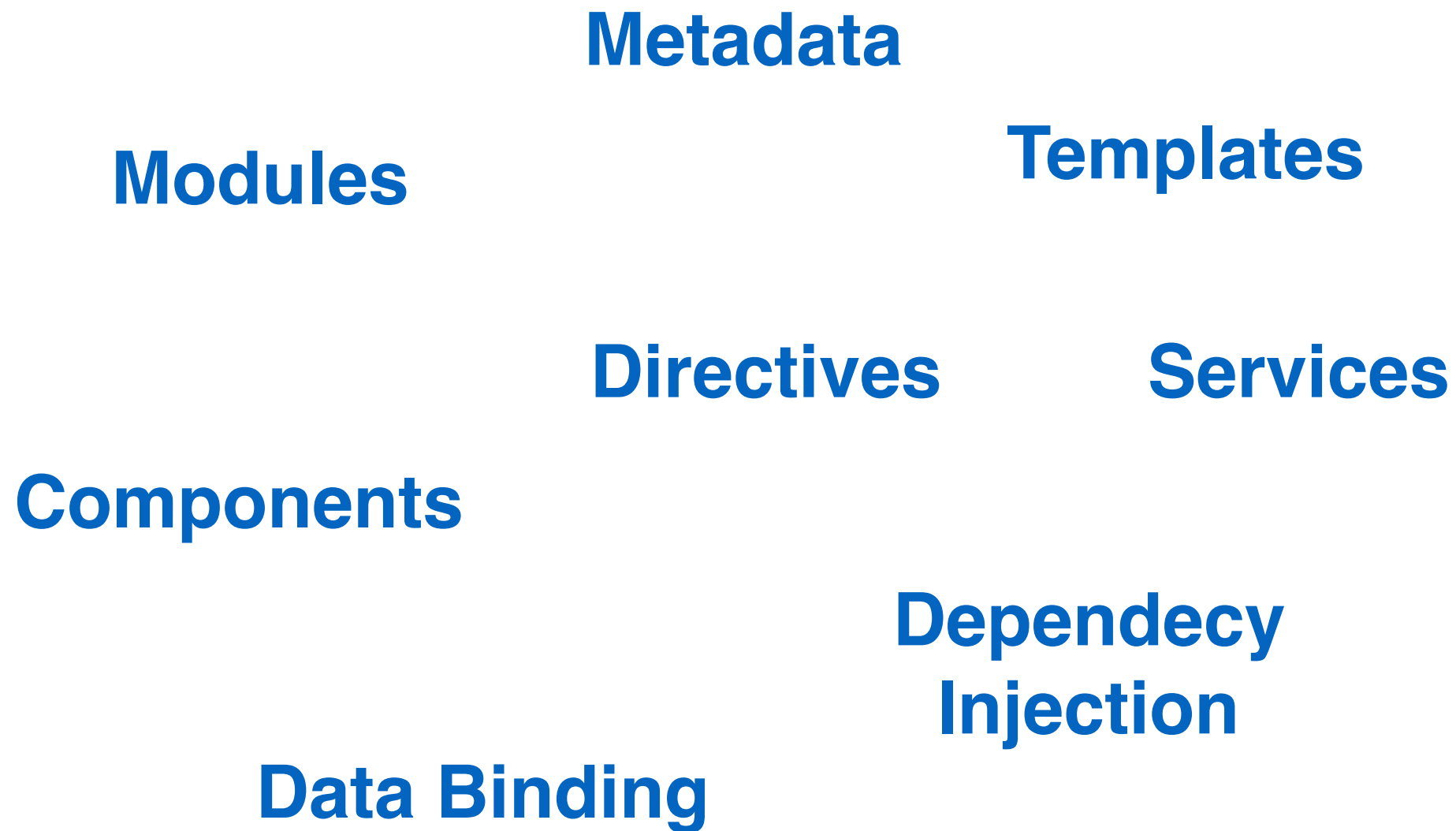
TypeScript

tsconfig.json

Visual Studio Code



Building Blocks



Building Blocks

Modules

Metadata

Templates

Directives

Services

Components

**Dependency
Injection**

Data Binding



Demo

