

ANGULAR

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Inovativni trendovi d.o.o.

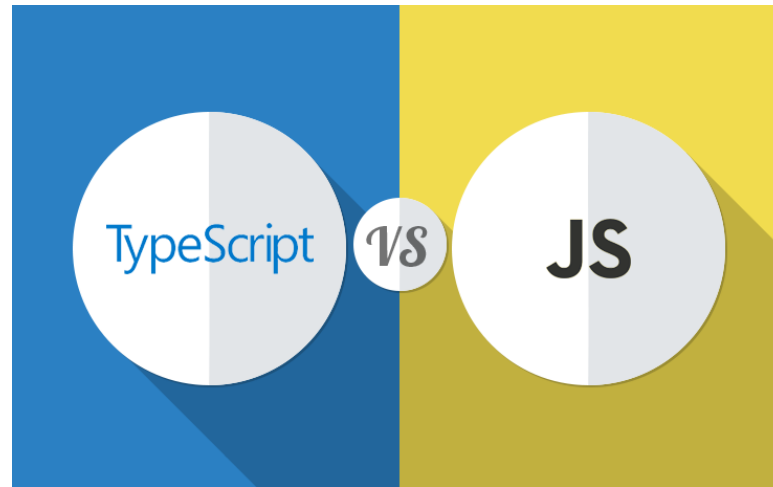
Uvod

- Zašto se stvorila potreba da se napravi angular 2?
- Fokus na development mobilnih aplikacija
- Kompaktibilnost sa modernim browserima

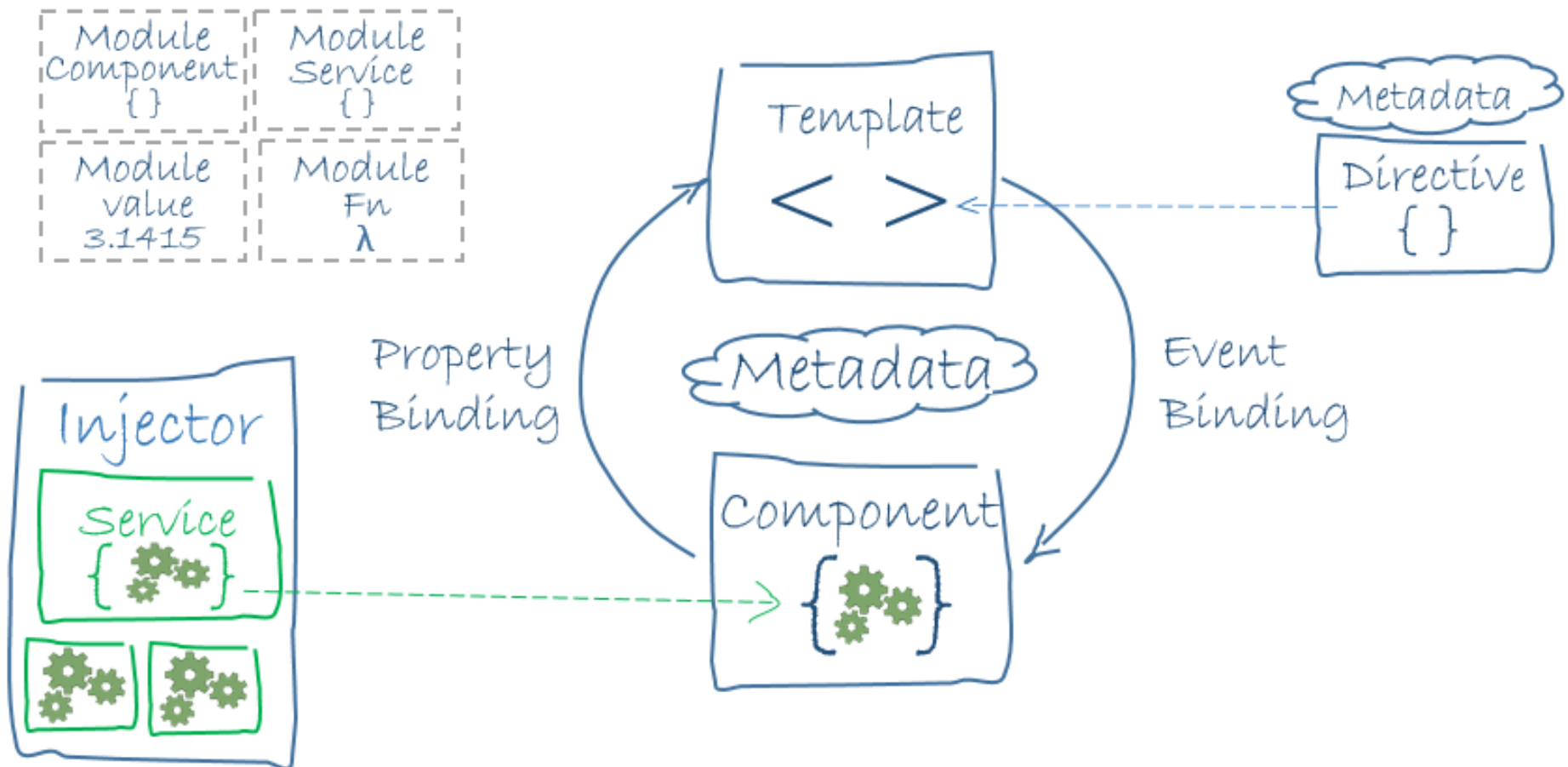


Značajke

- Lambdas
- Generics
- Directives
- Components
- Data Binding
- Templates
- TypeScript
- Dependency Injection



Arhitektura Angular 2 aplikacije



Komponente

```
@Component({
  selector: 'my-app',
  template: `
    <h1>{{title}}</h1>
    <h2>{{hero.name}} details!</h2>
    <div><label>id: </label>{{hero.id}}</div>
    <div>
      <label>name: </label>
      <input [(ngModel)]="hero.name" placeholder="name">
    </div>
  `
})
export class AppComponent {
  title = 'Tour of Heroes';
  hero: Hero = {
    id: 1,
    name: 'Windstorm'
  };
}
```

Servisi

```
import {Injectable} from 'angular2/core';

import {Hero} from './hero';
import {HEROES} from './mock-heroes';

@Injectable()
export class HeroService {
  getHeroes() {
    return Promise.resolve(HEROES);
  }
  // See the "Take it slow" appendix
  getHeroesSlowly() {
    return new Promise<Hero[]>(resolve =>
      setTimeout(()=>resolve(HEROES), 2000) // 2 seconds
    );
  }
}
```

Routanje

```
@Component({
  selector: 'my-app',
  template: `
    <h1>{{title}}</h1>
    <a [routerLink]="['Heroes']">Heroes</a>
    <router-outlet></router-outlet>
  `,
  directives: [ROUTER_DIRECTIVES],
  providers: [
    ROUTER_PROVIDERS,
    HeroService
  ]
})
@RouteConfig([
  {
    path: '/heroes',
    name: 'Heroes',
    component: HeroesComponent
  }
])
export class AppComponent {
  title = 'Tour of Heroes';
}
```

Direktive

```
@Injectable()
class SomeService {
}

@Directive({
  selector: '[dependency]',
  inputs: [
    'id: dependency'
  ]
})
class Dependency {
  id:string;
}
```

```
<div dependency="1">
  <div dependency="2">
    <div dependency="3" my-directive>
      <div dependency="4">
        <div dependency="5"></div>
      </div>
      <div dependency="6"></div>
    </div>
  </div>
</div>
```


Što treba da se započne aplikacija?

- Glavno:
 - Bilo koji IDE
 - NodeJs <https://nodejs.org/en/>
 - Tri datoteke: package.json, tsconfig.json, typings.json
 - npm install
- Opcionalno:
 - Gulp



Izvori

- Angular 2 QuickStart
 - <https://angular.io/docs/ts/latest/quickstart.html>
- Angular 2 Tour Of Heroes
 - <https://angular.io/docs/ts/latest/tutorial/>
- Angular 2 API Preview
 - <https://angular.io/docs/ts/latest/api/index.html#>
- Tutorial
 - <http://onehungrymind.com/build-a-simple-website-with-angular-2/>

Hvala na pažnji 😊