luv2code

Angular Language Service

Angular / JavaScript - Lenient

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Angular / JavaScript - Lenient

- Angular / JavaScript is VERY lenient

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Angular / JavaScript - Lenient

- Angular / JavaScript is VERY lenient
- Even though we are using TypeScript ... some bugs can still slip through!

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- For example, our `Product` class does not have an `id` property defined

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- For example, our `Product` class does not have an `id` property defined
- But we can STILL assign data to it ... what????

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- For example, our `Product` class does not have an `id` property defined
- But we can STILL assign data to it ... what????

http://localhost:8080/api/products/2


```
{
  "id" : 2,
  "sku" : "BOOK-TECH-1001",
  "name" : "Become a Guru in JavaScript",
  "description" : "Learn JavaScript at your own pace. The author explains how the
technology works in easy-to-understand language. This book includes working examples
that you can apply to your own projects. Purchase the book and get started today!",
  "unitPrice" : 20.99,
  "imageUrl" : "assets/images/products/books/book-luv2code-1001.png",
  "active" : true,
  "unitsInStock" : 100,
  "dateCreated" : "2020-01-11T16:58:24.000+0000",
  "lastUpdated" : null,
  "_links" : {
    "self" : {
      "href" : "http://localhost:8080/api/products/2"
    },
    "product" : {
      "href" : "http://localhost:8080/api/products/2"
    },
    "category" : {
      "href" : "http://localhost:8080/api/products/2/category"
    }
  }
}
```


File: product.ts

```
export class Product {
    sku: string;
    name: string;
    description: string;
    unitPrice: number;
    imageUrl: string;
    active: boolean;
    unitsInStock: number;
    dateCreated: Date;
    lastUpdated: Date;
}
```


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No `id` property

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No `id` property

Our app still worked.
No errors in browser console.

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- We also referenced the `Product id` property for our master/detail view

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- We also referenced the `Product id` property for our master / detail view

```
<!-- loop over the collection of products -->
<div *ngFor="let tempProduct of products" class="col-md-3">

    <div class="product-box">

        <a routerLink="/products/{{ tempProduct.id }}">
            <img src="{{ tempProduct.imageUrl }}" class="img-responsive">
        </a>

        <a routerLink="/products/{{ tempProduct.id }}">
            <h1>{{ tempProduct.name }}</h1>
        </a>
```


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  - Compilation errors, code completion, etc

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https://angular.io/guide/language-service

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- Install the extension in Visual Studio Code:
  - Menu option: **View > Extensions**

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- Available as extensions for code editors: Visual Studio Code, WebStorm etc ...
- Install the extension in Visual Studio Code:
  - Menu option: **View > Extensions**
  - Search for: **Angular Language Service**

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- Available as extensions for code editors: Visual Studio Code, WebStorm etc ...
- Install the extension in Visual Studio Code:
  - Menu option: **View > Extensions**
  - Search for: **Angular Language Service**
  - Click: **Install**

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