Angular Filters

Jogesh K. Muppala

Angular Filters

- A filter allows us to format the value of an expression for display to the end user
  - They do not modify the underlying data
- Filters can be used in view *templates*, controllers or *services*
- Angular comes with a number of built-in filters
- We can create our own filters in code
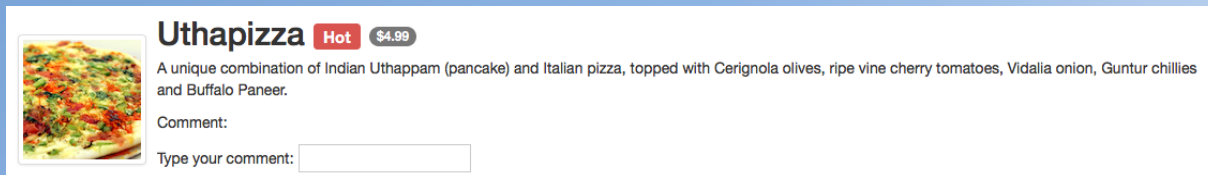
Angular Filter Example

- Example:

```
<div class="media-body">
    <h2 class="media-heading">{{dish.name}}
        <span class="label label-danger label-xs">{{dish.label}}</span>
        <span class="badge">{{dish.price | currency}}</span></h2>
    <p>{{dish.description}}</p>
</div>
```

Angular Built-in Filters

- uppercase / lowercase : converts the text
- currency: formats the number as a currency
- date: formats the date as per the formatting specified
- filter: selects a subset of an array based on the criteria specified and returns a new array
- orderBy: orders the array based on the criteria specified
- Others include: json, limitTo
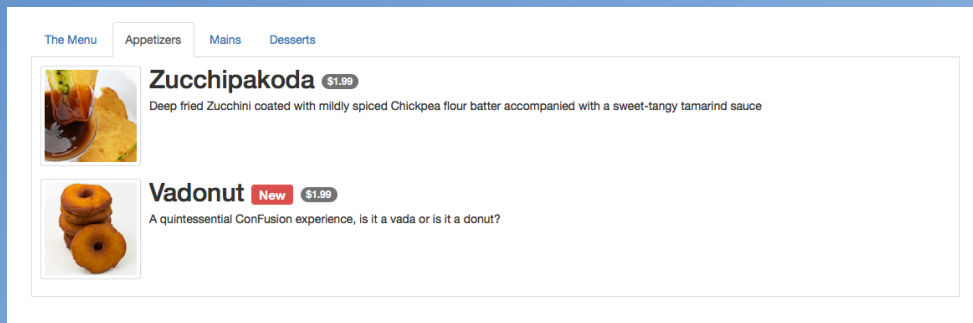
Angular Filter Example

- Example

```
<li class="media"  ng-repeat="dish in
menuCtrl.dishes | filter:menuCtrl.filtText"> … </li>
```


JavaScript code:

```
Var filtText = "";

this.select  = function(setTab) {
        this.tab = setTab;
        if (setTab === 2)
                this.filtText = "appetizer";
        else if (setTab  === 3)
                this.filtText = "mains";
        else if (setTab  === 4)
                this.filtText = "dessert";
        else
                this.filtText = "";
}
```

Exercise: Angular Filters

- Use Angular filters to filter items based on user's selection

- Use Bootstrap navigation tabs in conjunction with AngularJS

- Make use of the ng-class and ng-click Angular directives