

# Angular Filters

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# 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">
```

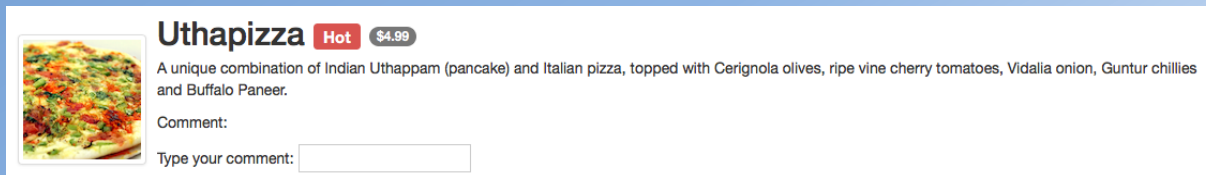
```
  <h2 class="media-heading">{{dish.name}}
```

```
    <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

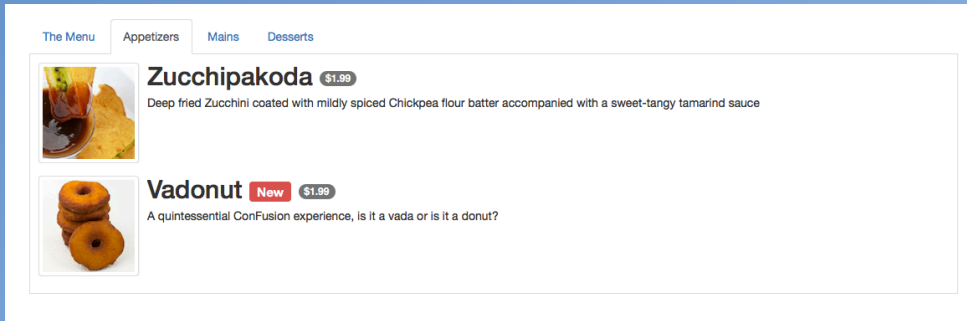
- Example

```
<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