

Template Basics

Bindings/interpolation

Your favorite hero is: {{vm.favoriteHero}}

Filters

<td>{{movie.title | uppercase}}</td>

Local variables

<tr ng-repeat="movie in vm.movies">

<td>{{movie.title}}</td>

</tr>

Bindings/interpolation

Your favorite hero is: {{vm.favoriteHero}}

Pipes

<td>{{movie.title | uppercase}}</td>

Input variables

<tr *ngFor="let movie of movies">

<td>{{movie.title}}</td>

</tr>

Template directives

ng-class	ngClass
<pre><div ng-class="{active: isActive}"> <div ng-class="{active: isActive, shazam: isImportant}"></pre>	<pre><div [ngClass]="{'active': isActive}"> <div [ngClass]="{'active': isActive, 'shazam': isImportant}"> <div [class.active]="isActive"></pre>
ng-click	Bind to click event
<pre><button ng-click="vm.toggleImage()"> <button ng-click="vm.toggleImage(\$event)"></pre>	<pre><button (click)="toggleImage()"> <button (click)="toggleImage(\$event)"></pre>
ng-controller	Component Decorator
<pre><div ng-controller="MovieListCtrl as vm"></pre>	<pre>@Component({ selector: 'app-movie-list', templateUrl: './movie-list.component.html', styleUrls: ['./movie-list.component.css'], })</pre>
ng-href	Bind to href property
<pre><a ng-href="{{ angularDocsUrl }}">Angular Docs</pre>	<pre><a [href]="angularDocsUrl">Angular Docs</pre>
ng-if	*ngIf
<pre><table ng-if="movies.length"></pre>	<pre><table *ngIf="movies.length"></pre>
ng-model	ngModel
<pre><input ng-model="vm.favoriteHero"/></pre>	<pre><input [(ngModel)]="favoriteHero" /></pre>
ng-repeat	*ngFor
<pre><tr ng-repeat="movie in vm.movies"></pre>	<pre><tr *ngFor="let movie of movies"></pre>
ng-show	Bind to hidden property
<pre><h3 ng-show="vm.favoriteHero"> Your favorite hero is: {{vm.favoriteHero}} </h3></pre>	<pre><h3 [hidden]="!favoriteHero"> Your favorite hero is: {{favoriteHero}} </h3></pre>
ng-src	Bind to src property
<pre></pre>	<pre></pre>
ng-style	ngStyle
<pre><div ng-style="{color: colorPreference}"></pre>	<pre><div [ngStyle]="{'color': colorPreference}"> <div [style.color]="colorPreference"></pre>
ng-switch	[ngSwitch]
<pre><div ng-switch="vm.favoriteHero && vm.checkMovieHero(vm.favoriteHero)"> <div ng-switch-when="true"> Excellent choice! </div> <div ng-switch-when="false"> No movie, sorry! </div> <div ng-switch-default> Please enter your favorite hero. </div> </div></pre>	<pre> <p ngSwitchCase="true"> <i>Excellent choice!</i> </p> <p ngSwitchCase="false"> No movie, sorry! </p> <p *ngSwitchDefault> Please enter your favorite hero. </p> </pre>



By **Jeanvaljean** (Mobbidick)

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Filters/pipes	
Currency	Currency
<td>{{movie.price currency}}</td>	<td>{{movie.price currency:'USD':true}}</td>
Date	Date
<td>{{movie.releaseDate date}}</td>	<td>{{movie.releaseDate date}}</td>
Filter	None
<tr ng-repeat="movie in movieList filter: {title:listFilter}">	If you need the same filtering code in several templates, consider building a custom pipe.
json	json
<pre>{{movie json}}</pre>	<pre>{{movie json}}</pre>
Limit to	Slice
<tr ng-repeat="movie in movieList limitTo:2:0">	<tr *ngFor="let movie of movies slice:0:2">
LowerCase	LowerCase
<td>{{movie.title lowercase}}</td>	<td>{{movie.title lowercase}}</td>
Number	Number
<td>{{movie.starRating number}}</td>	<td>{{movie.starRating number}}</td> <td>{{movie.starRating number:'1.1-2'}}</td> <td>{{movie.approvalRating percent: '1.0-2'}}</td>
OrderBy	None
<tr ng-repeat="movie in movieList orderBy : 'title'">	If you need the same ordering or sorting code in several templates, consider building a custom pipe.

Modules/controllers/components	
IIFE	None
(function () { ... }());	This is a nonissue in Angular because ES 2015 modules handle the namespacing for you.
Angular Modules	NgModules
angular.module("movieHunter", ["ngRoute"]);	import { NgModule } from '@angular/core'; import { BrowserModule } from '@angular/platform-browser'; import { AppComponent } from './app.component'; @NgModule({ imports: [BrowserModule], declarations: [AppComponent], bootstrap: [AppComponent] }) export class AppModule { }
Controller Registration	Component Decorator



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Modules/controllers/components (cont)

```
angular
.module("movieHunter")
.controller("MovieListCtrl",
["movieService",
MovieListCtrl]);
```

```
@Component({
selector: 'app-movie-list',
templateUrl: './movie-list.component.html',
styleUrls: ['./movie-list.component.css'],
})
```

Controller Function

```
function MovieListCtrl(movieService) {
}
```

Component Class

```
export class MovieListComponent {
}
```

Dependency Injection

```
MovieListCtrl.$inject = ['MovieService'];
function MovieListCtrl(movieService) {
}
```

Dependency Injection

```
constructor(movieService: MovieService) {
}
```

Styles Sheets

Link Tag

```
<link href="styles.css" rel="stylesheet" />
```

Style Configuration

```
"styles": [
"styles.css"
],
```

Style Urls

```
styleUrls: ['./movie-list.component.css'],
```



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