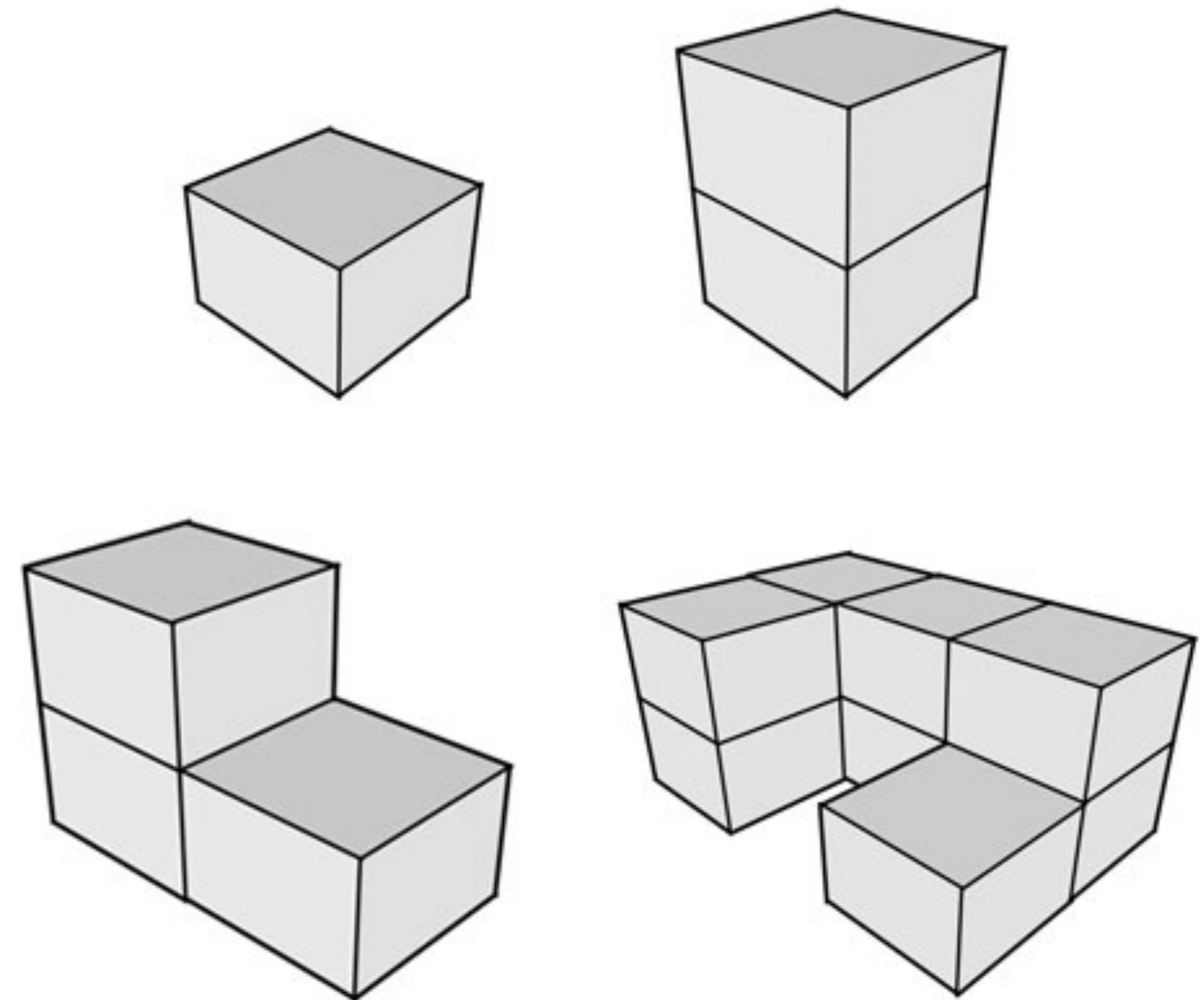
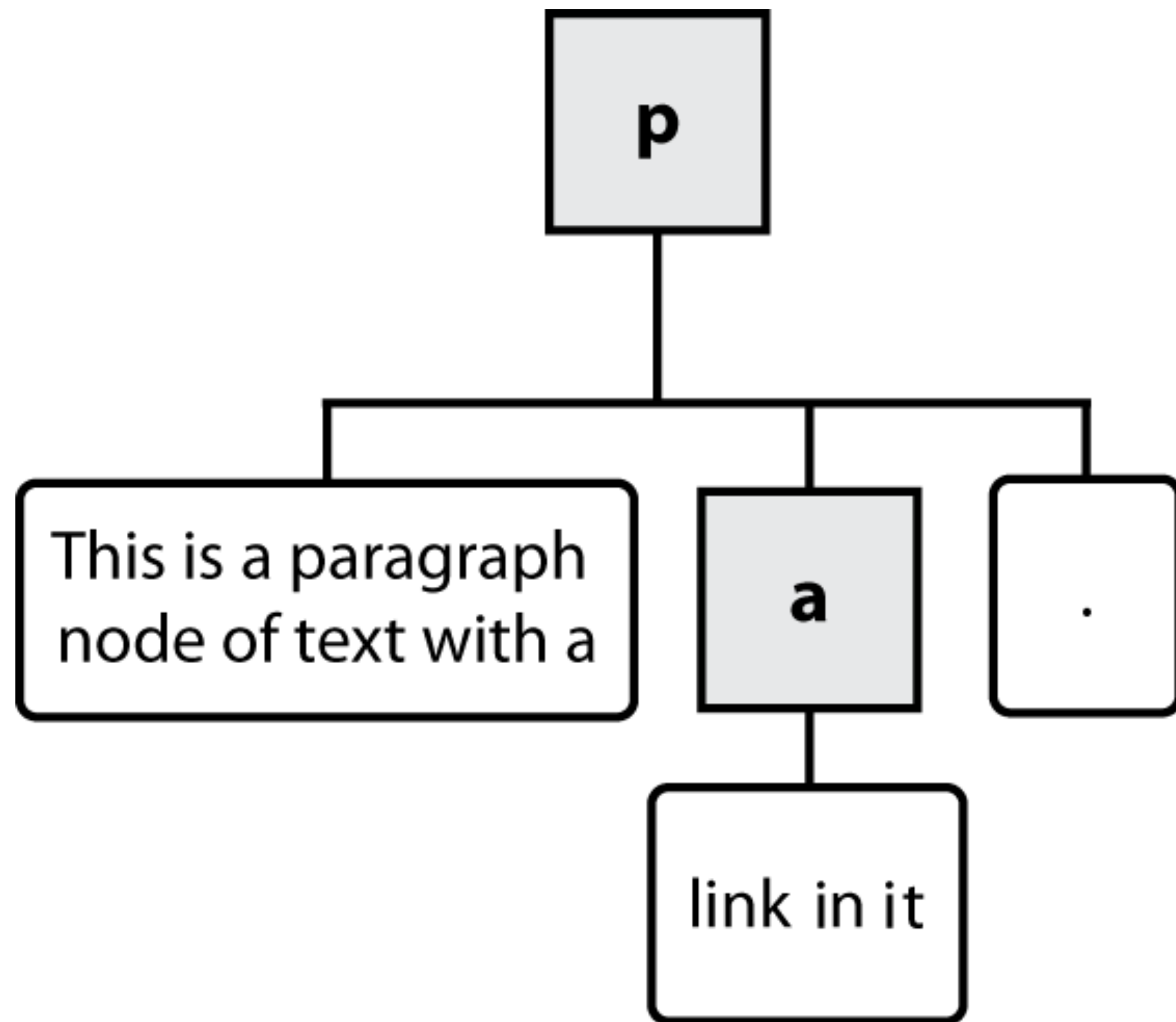


ANGULAR.JS DIRECTIVES

Component-based programming



Search for people, places and things

Dustin

Home

1

Dustin Curtis

Edit Profile

News Feed

Messages2

Events5

Photos

Browse

GROUPS

Open House Supp...12

Secret Group7

Y Combinator8

FADC12

Men Who Whiskey20+

memerablefashio...20+

Create Group...

APPS

Games15

FarmVille

FarmVille 2

Games Feed20+

Notes

Gifts

ChefVille

On This Day

PAGES

Pages Feed20+

Like Pages20+

DEVELOPER

Update Status

Add Photos/Video

What's on your mind?

San Francisco

Public

Post

Andrew Wilkinson

1 min · Oak Bay, Canada ·

Waiter at the Oak Bay Marina Restaurant as he puts down the plate: "A lil' edamame action for ya"

Like · Comment · Share

2 people like this.

Write a comment...

Constantin Hofstetter

2 mins · Vienna, Austria ·

FB Keyboard Shortcuts: j / k: go through posts on timeline. c: new comment, p: new post, l: like the post.

Like · Comment · Share

Constantin Hofstetter Oh.. and o: open (e.g. view a picture/open a link in a post)

1 min · Like

Write a comment...

Vinnie Lauria via Fayza

3 mins ·

Love this, espresso the pyramids, was shocked to learn we could just take

Paul Stamatiou likes your link.

Andrew Wilkinson Waiter at the Oak Bay Marina Restaurant as he puts down the plate: "A lil' edamame action for ya"

Lizzie Lara likes Glee's link.

Constantin Hofstetter FB Keyboard Shortcuts: j / k: go through posts on timeline. c: new comment, p: new post, l: like the post.

Aditya Agarwal is going to Propeller : LEE BURRIDGE (All Day I Dream/ Get Weird UK) + Mark Slee.

Tuuti Piippo likes an article.

3 events this week

Chris-cricket Hynes and 1 other

TRENDING

Learn More

Bradley Cooper: Bradley Cooper Disproves Louis C.K.'s Statement About The Student Audience of 'Inside The...

Fred Phelps dies

Wheel of Fortune: 'Wheel of Fortune': Guy makes unbelievable correct guess

See More

Chat (50)

<status-update>

<notification-feed>

<trending-list>

FULLSTACK

5

ANGULAR.JS DIRECTIVES



Andrew Wilkinson

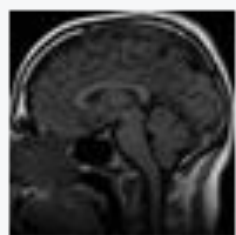
1 min · Oak Bay, Canada · 



Waiter at the Oak Bay Marina Restaurant as he puts down the plate: "A lil' edamame action for ya"

Like · Comment · Share

 2 people like this.



Write a comment...





Andrew Wilkinson
1 min · Oak Bay, Canada · 



Waiter at the Oak Bay Marina Restaurant as he puts down the plate: "A lil' edamame action for ya"

Like · Comment · Share

 2 people like this.







Andrew Wilkinson

1 min · Oak Bay, Canada · 

Waiter at the Oak Bay Marina Restaurant as he puts down the plate: "A lil' edamame action for ya"

Like · Comment · Share <status-options>

 2 people like this.



Write a comment... 



Andrew Wilkinson
1 min · Oak Bay, Canada · 

▼

Waiter at the Oak Bay Marina Restaurant as he puts down the plate: "A lil' edamame action for ya"

Like · Comment · Share <status-options>

 2 people like this.



Write a comment... <comment-box> 

Home Page

News Feed

Messaging

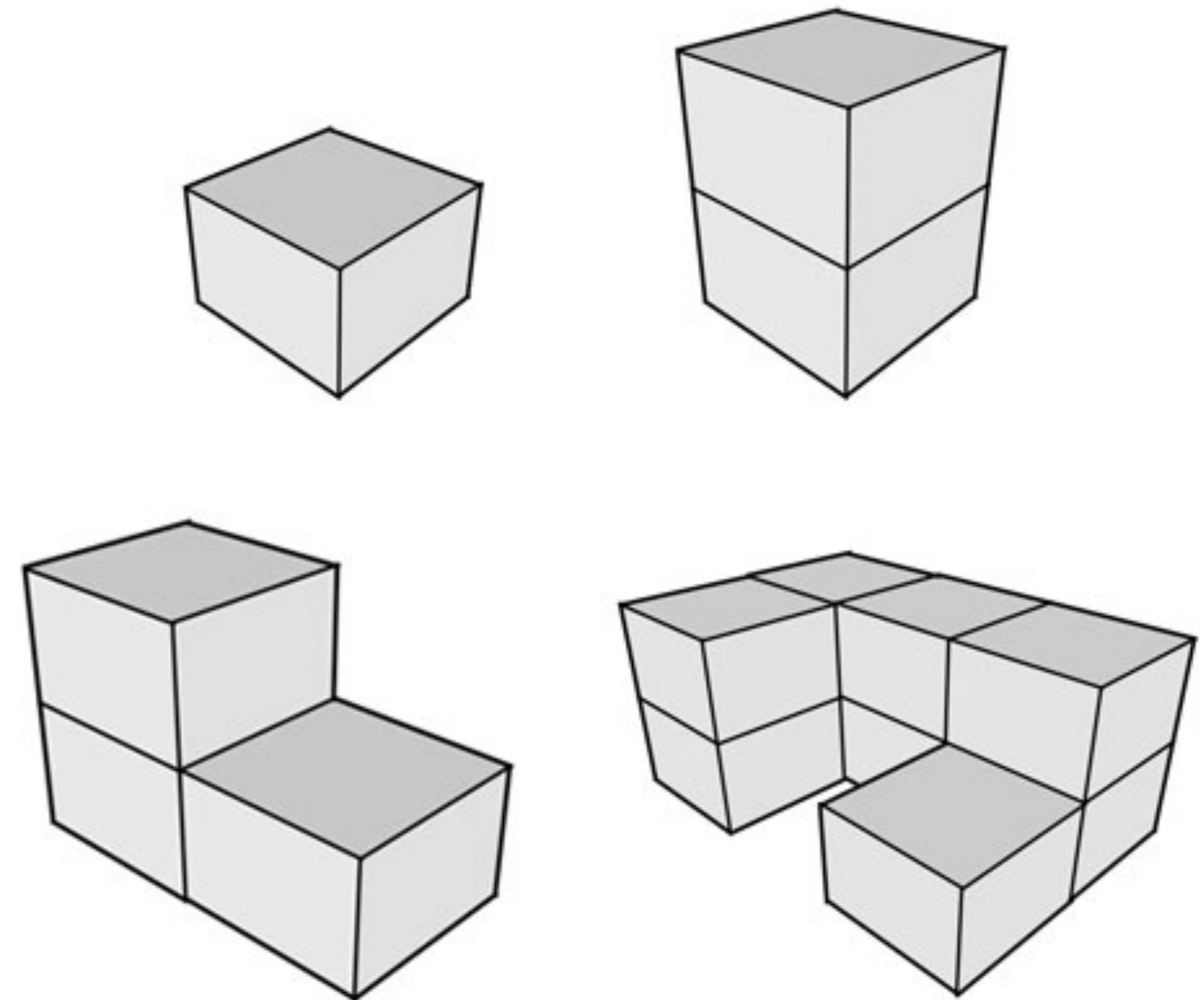
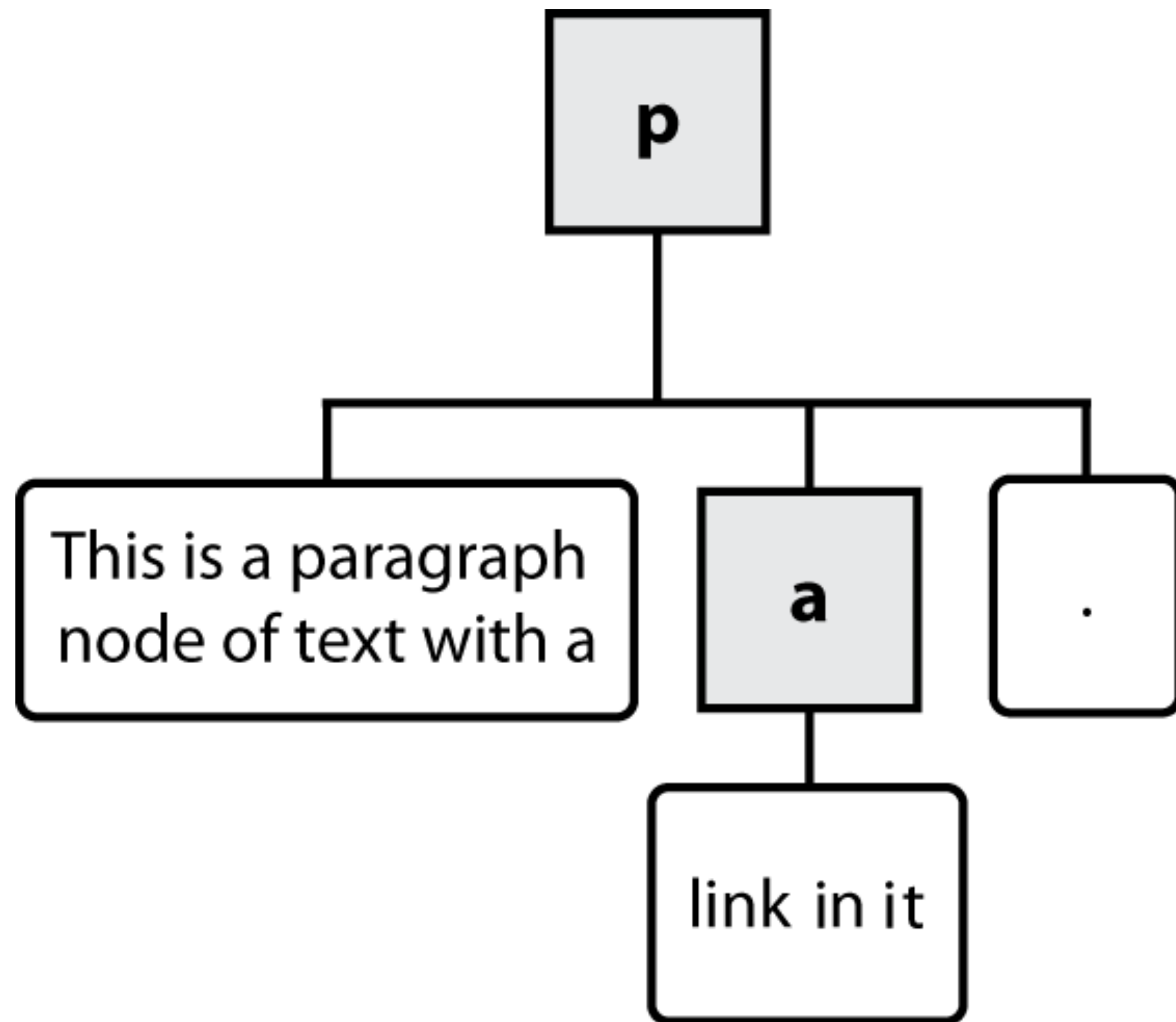
Trending List

Messaging

Private
Messages

Buddy List

Group Chats





HTML enhanced for web apps!

ANGULAR.JS DIRECTIVES

It's your HTML, enhanced for web apps!

THE BASICS

```
app.directive( 'statusUpdate', function () {} );
```



```
app.directive( 'statusUpdate', function () {} );
```

```
app.directive( 'statusUpdate', function () {  
    return {};  
});
```

```
app.directive('statusUpdate', function () {  
    return {};  
});
```

Directive Definition




```
app.directive( 'statusUpdate', function () {  
    return {  
        restrict: 'E'  
    };  
});
```

```
app.directive('statusUpdate', function () {  
  return {  
    restrict: 'E',  
    template: '<h1>Look at this thing I ate!</h1>'  
  };  
});
```

```
<div ng-app="Facebook">
```

```
  <status-update></status-update>
```

```
</div>
```




CAMEL CASE AND HYPHENATED CASE

```
app.directive('helloThere', function () {  
  return {  
    restrict: 'E',  
    template: '<h1>Hello there!</h1>'  
  };  
});
```

<hello-there></hello-there>

```
<div ng-app="MyAngularApp">

  <ul class="navigation"
      ng-controller="NavigationController">

    <li ng-repeat="page in pages"
        ng-click="goTo(page)">
      {{ page }}
    </li>

  </ul>

  <div ng-controller="MainController">
    <status-update ng-repeat="update in updates">
    </status-update>
  </div>

</div>
```

```
<div ng-app="MyAngularApp">  
  <ul class="navigation"  
    ng-controller="NavigationController">  
    <li ng-repeat="page in pages"  
      ng-click="goTo(page)">  
      {{ page }}  
    </li>  
  </ul>  
  <div ng-controller="MainController">  
    <status-update ng-repeat="update in updates">  
    </status-update>  
  </div>  
</div>
```



```
<div ng-app="MyAngularApp">
  <ul class="navigation"
    ng-controller="NavigationController">
    <li ng-repeat="page in pages"
      ng-click="goTo(page)">
      {{ page }}
    </li>
  </ul>
  <div ng-controller="MainController">
    <status-update ng-repeat="update in updates">
    </status-update>
  </div>
</div>
```

```
<div ng-app="MyAngularApp">

  <ul class="navigation"
    ng-controller="NavigationController">

    <li ng-repeat="page in pages"
      ng-click="goTo(page)">
      {{ page }}
    </li>

  </ul>

  <div ng-controller="MainController">
    <status-update ng-repeat="update in updates">
    </status-update>
  </div>

</div>
```

```
<div ng-app="MyAngularApp">
  <ul class="navigation"
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    <li ng-repeat="page in pages"
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      {{ page }}
    </li>
  </ul>
  <div ng-controller="MainController">
    <status-update ng-repeat="update in updates">
    </status-update>
  </div>
</div>
```



```
<div ng-app="MyAngularApp">
  <ul class="navigation"
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    <li ng-repeat="page in pages"
      ng-click="goTo(page)">
      {{ page }}
    </li>
  </ul>
  <div ng-controller="MainController">
    <status-update ng-repeat="update in updates">
    </status-update>
  </div>
</div>
```

ATTRIBUTE DIRECTIVES

Not just components, behavior!

```
app.directive('enter', function () {});
```

```
app.directive('enter', function () {  
    return {};  
});
```



```
app.directive('enter', function () {  
    return {  
        restrict: 'A'  
    };  
});
```

```
app.directive('enter', function () {  
  return {  
    restrict: 'A'  
  };  
});
```

A is for Attribute

```
app.directive('enter', function () {  
  return {  
    restrict: 'A'  
  };  
});
```

A is for Attribute

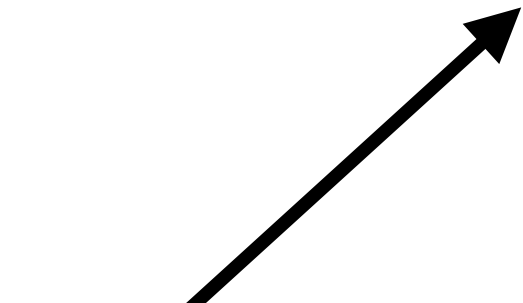
E is for Element

```
app.directive('enter', function () {  
    return {  
        restrict: 'A',  
        link: function () {}  
    };  
});
```



```
<div ng-app="MyAngularApp">
  <ul class="navigation"
    ng-controller="NavigationController">
    <li ng-repeat="page in pages"
      ng-click="goTo(page)">
      {{ page }}
    </li>
  </ul>
  <div ng-controller="MainController">
    <status-update ng-repeat="update in updates">
    </status-update>
  </div>
</div>
```

```
app.directive('enter', function () {  
  return {  
    restrict: 'A',  
    link: function () {}  
  };  
});
```



Called when the scope and corresponding element are “linked” or “combined”

```
app.directive('enter', function () {  
    return {  
        restrict: 'A',  
        link: function (scope, element, attrs) {}  
    };  
});
```

```
app.directive('enter', function () {  
  return {  
    restrict: 'A',  
    link: function (scope, element, attrs) {}  
  };  
});
```

Scope Element Attributes

ISOLATE SCOPE

```
<body ng-app="iTunes" ng-controller="MainController">
```

```
  <song></song>
```

```
</body>
```

```
<body ng-app="iTunes" ng-controller="MainController">
```

```
  <song></song>
```

```
</body>
```

```
  
<h1>{{ song.title }}</h1>  
<h2>{{ song.artist }}</h2>
```




Defined for a URL

