# **Dealing with Scope**

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### **Angular JS**

**Scope Overview Batarang Creating Scopes Sharing Scope Inheriting Scope Isolating Scope** 

## **Batarang**

### **Scope Overview**

**Root Scope** 

All Scopes Belong to Exactly 1 Element

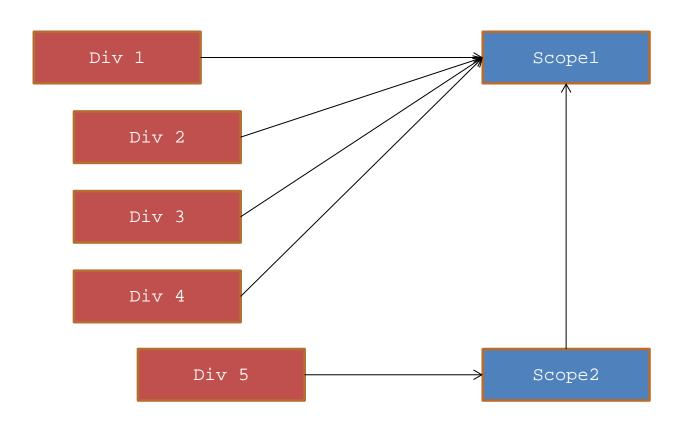
#### Scopes – Sample HTML

```
<div id="1" ng-controller="myCtrl1">
  <div id="2"></div>
  <div id="3"></div>
  <div id="4" ng-controller="MyCtrl2">
      <div id="5" ></div>
  </div>
</div>
```

#### **HTML – Controller**

Div 1 MyCtrl1 Div 2 Div 3 Div 4 Div 5 MyCtrl2

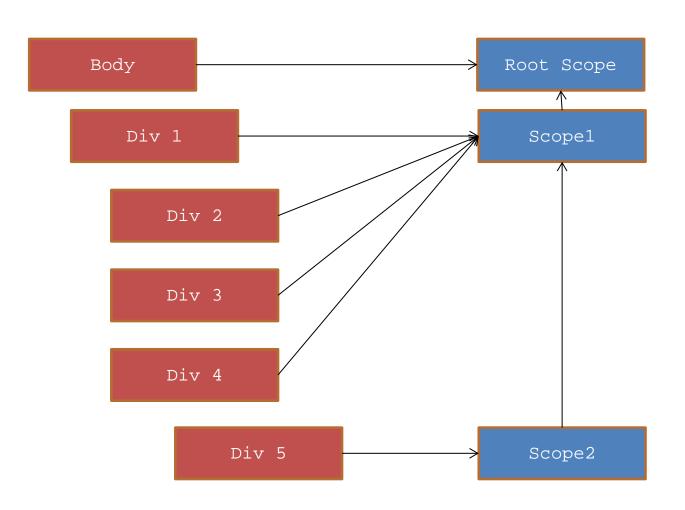
## HTML – Scope



#### Scopes – Sample HTML

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## **HTML - Scope**



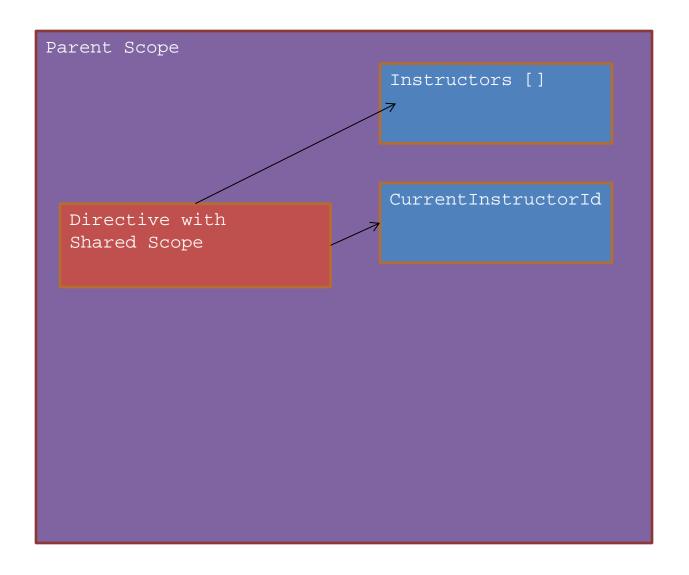
### **Scope – Relationship Types**

**Shared Scope** 

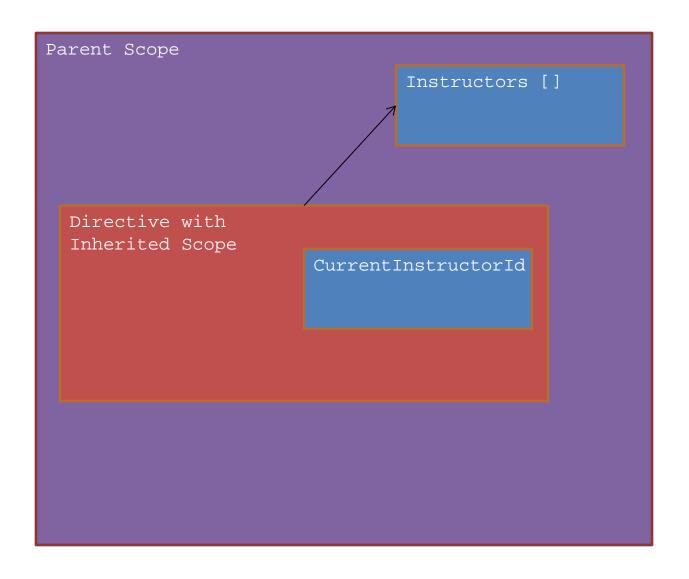
**Inherited Scope** 

**Isolated Scope** 

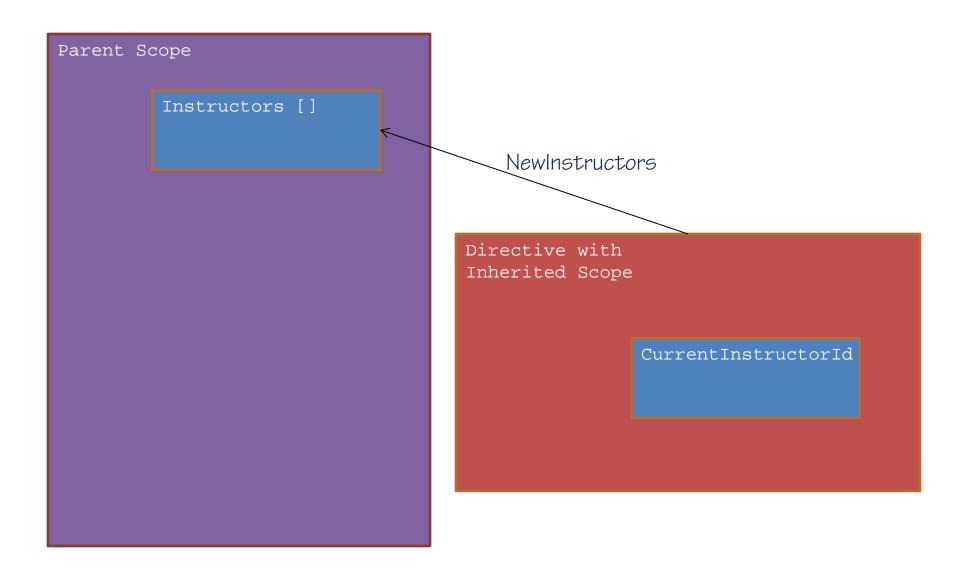
### ngRepeat Directive Scopes - Shared



### ngRepeat Directive Scopes - Inherited



### ngRepeat Directive Scopes - Isolated



### **Creating Scopes**

Scopes are Created by Directives

#### **Creating Scopes - Code**

```
<div id="1" ng-controller="myCtrl1">
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</div>
```

# **Sharing Scope**

## **Inheriting Scope**

#### Quiz

What items on a parent scope can a child inherited scope see?

All of them

How do you correctly bind an ngModel to a parent scope item?

Make sure there is a dot in the binding

When two directives are on the same element, what is the relationship between their scopes?

They share the same scope

# **Isolating Scope**

#### Quiz

What does an empty object on the scope property of a directive do?

Creates an isolated scope with no bindings.

When setting the value of a binding to an isolated scope in HTML, which casing do you use?

snake casing

When multiple directives are on the same element, and one asks for an isolated scope, what happens?

They all share a new isolated scope

### **Module Conclusion**