

Angular \$scope

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Angular Scope

- Scope is an object that refers to the application model
- This is at the core of Angular's two-way data binding
- The glue between the view and the controller
 - The controller can set properties on the scope
 - The view binds to the properties set by the controller
 - Angular is responsible to keep the two in sync

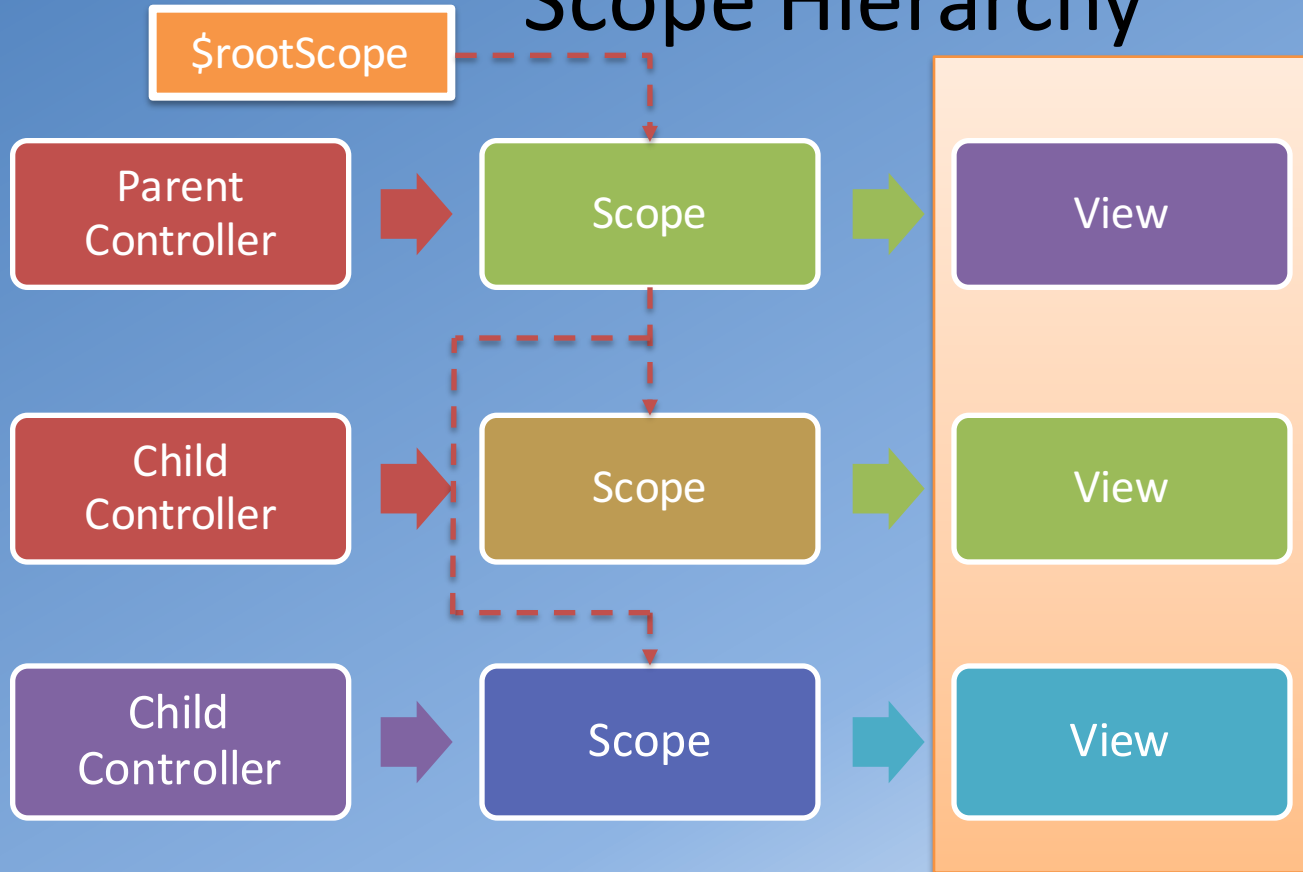
\$rootScope

- The topmost scope is called \$rootScope
 - Created by Angular when your app starts
- As Angular traverses the DOM, it creates new scopes when it encounters some directives:
 - ng-controller, for example, creates a new scope under the root scope
 - Scope tree similar to the DOM tree

Nested Scopes

- Every time Angular creates a new scope, it will create it as a child of a parent scope
 - JavaScript prototype
 - Child has access properties in the parent's scope
 - A few caveats

Scope Hierarchy



Exercise: Angular Scope

- Understand Angular Scope
- Refactor controller and view to use Scope
- ng-show Directive