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

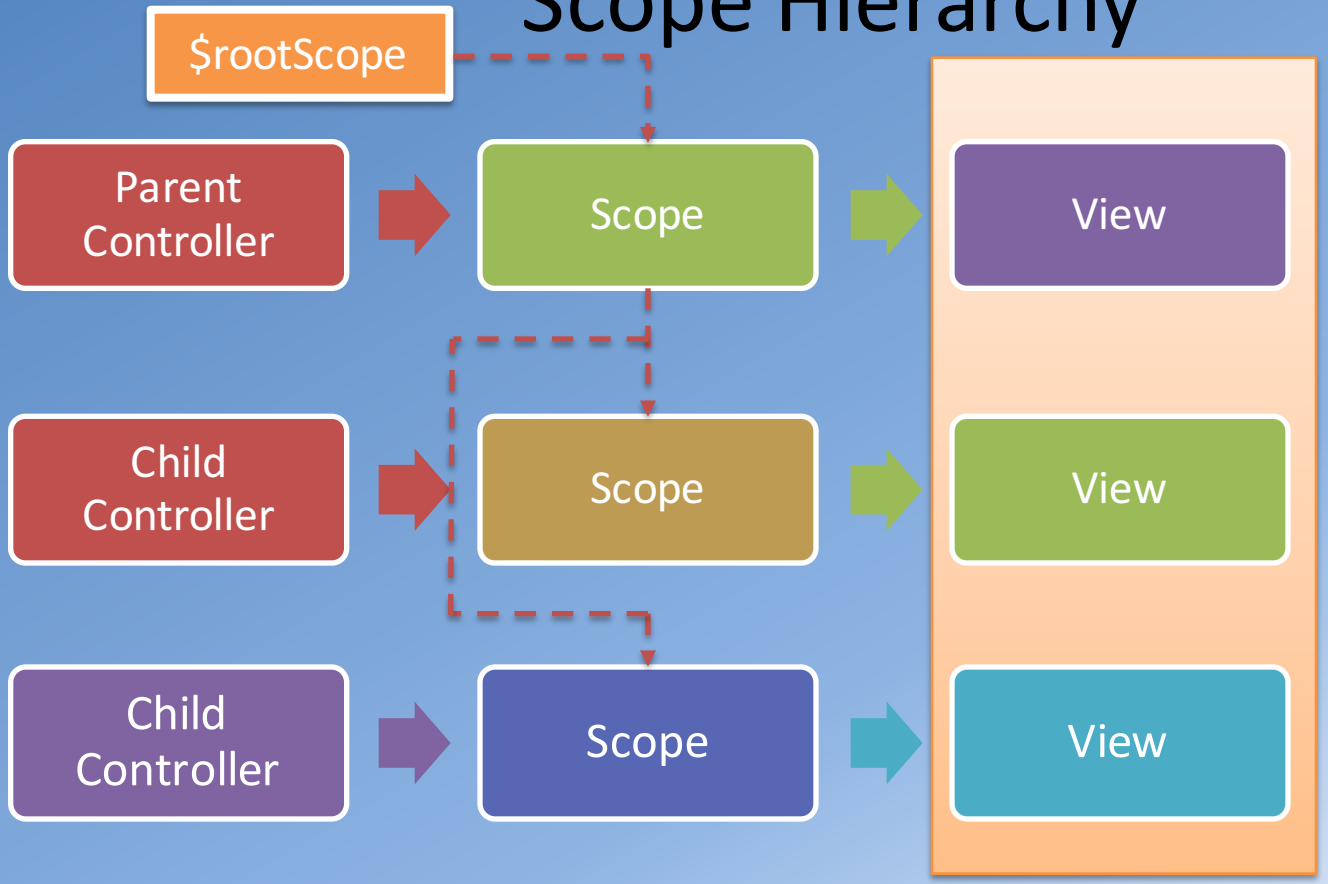
$rootScope

- 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