Writing Controllers & Services

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Module Agenda

Minification

Controllers

Services

Overview

Controllers

Services

Directives

Views

Overview

Controllers

Setup the Scope

View Interaction

Overview

Handle non-view logic

Communicate with the Server

Hold data & state

DOM manipulation

Services

Overview

Directives

Manipulate DOM

Receive View Events

Overview

Display the Application

Declare Bindings & Directives

Views

Quiz

It's ok to manipulate the DOM from a controller. True or False?

False

It's ok to manipulate the DOM from a service. True or False?

True

Where does business logic belong?

Services

Minification

Remove Whitespace

Shorten Variables
& Parameters

Minification Best Practices

Don't Minify

Manually Minsafe

Use ngmin

Don't Mangle
Parameter Names

Quiz

What are the two main benefits of minification?

   Size & Obscurity

What are the two main methods of minifying code

   Removing Whitespace & renaming variables & parameters

ngmin will minify your code safely. True or False?

   False

Controllers - Purpose

Setup the Scope

View Interaction

Controllers

Coordinate View
And Model

Controllers - Design Guidelines

Coordinate View and Model

Limited # of Collaborators

Testable

Services - Purpose

Handle non-view logic

Communicate with Server

Hold data & state

Services - Creation

value

constant

factory

service

provider

Filters as Services

Services – Design Guidelines

SRP

Cohesive

Loosely Coupled

Good Interface

Testable

Services – Specific Types

Factories

Stateful Singletons

Functions

Quiz

Is it acceptable for services to be stateful?

Yes

Name 4 ways to create a service

Value, Constant, Factory, Service, Provider, Filter

If you pass the service method a constructor function, what will your service be when injected into other services & controllers?

A singleton instance of that class

Module Conclusion