

Using AngularJS with Node.js

Agenda

- **Using AngularJS with Node.js**
 - What is AngularJS?
 - Adding AngularJS to the Project
 - Creating a Module
 - Creating a View
 - Creating a Controller
 - The API: Calling a GET
 - Creating a Form
 - The API: Calling a POST

WHAT IS ANGULARJS?

Client-side JavaScript framework for rich web applications in the style of SPA or MV*



ANGULARJS

Comprehensive client-side web framework

- **Data Binding**
- **Dependency Management**
- **Networking**
- **Routing**
- **Mocking/Testing**
- **Extensible**





demonstration

MOCKING THE UI



demonstration

ADDING ANGULARJS TO THE PROJECT



demonstration

CREATING A MODULE



demonstration

CREATING A VIEW



demonstration

CREATING A CONTROLLER



demonstration

THE API: CALLING A GET



demonstration

CREATING A FORM



demonstration

THE API: CALLING A POST

Summary

- **Using AngularJS with Node.js**

- Creating the user interface is as simple as using standard HTML techniques
- Node.js and AngularJS are complementary technologies
- Though you can use whatever client-side libraries you want
- Using Modules, Controllers and Views make the client-side coding similar to the server side code
- You still need to be concerned with cross-browser compatibility when writing client-side code
- Sharing code means you'll have to use compatible script loading techniques
- Though common libraries means a single set of skills are required