Client-side View Models

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Overview

What are client-side View Models for?

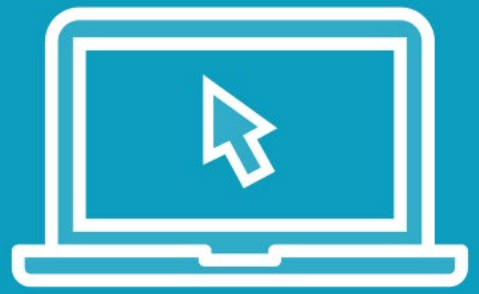
Using FluentValidation client-side

Validation in Angular

Client-side View Models

- Helpful in TypeScript scenarios
- Could use JS ‘classes’ or ‘interfaces’
- Doesn’t guarantee anything
- Client-side Validation is for UX
  - Not for security

Demo

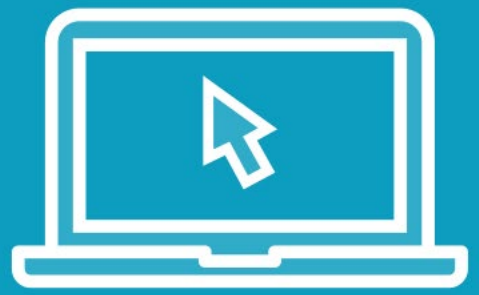


Client-side View Models

Client-side FluentValidation

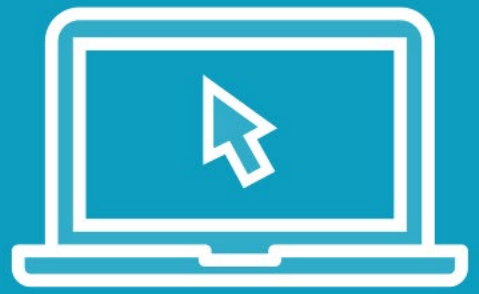
- Just generates ASP.NET validation
- Only works with these validators:
  - NotNull/NotEmpty
  - Matches
  - InclusiveBetween
  - CreditCard
  - Email
  - EqualTo
  - MaxLength
  - MinLength
  - Length

Demo



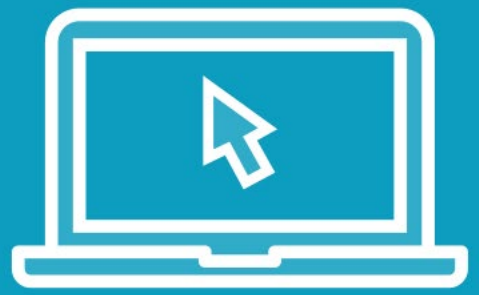
FluentValidation in the Client

Demo



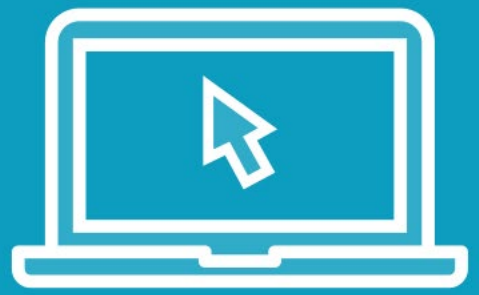
Building the Angular Project

Demo



View Models in Angular

Demo



Validation in Angular

What We've Learned

Validation on the client-side isn't magically secure

Often you'll need to duplicate validation from the server

View models are useful but not a panacea in JavaScript or TypeScript

Wrap-up

Best Practices in ASP.NET Core: Entities, Validation, and View Models

- Thanks for joining me!
- I hope you've learned some lessons
- Some links you might have missed:
  - **fluentvalidation.net**
  - **angular.io/guide/form-validation**