About

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Agenda

- ASP.NET MVC Forms Translations

- Localization with Sitecore

- DisplayNames with Sitecore

- Serverside Validation with Sitecore

- Clientside Validation with Sitecore

- Summary

- Q&A

ASP.NET MVC Forms Translations

- View Models with Data Annotations

- Define label with `[Display]`

- Define validators with e.g. `[Required]`

- Ways of translations

  - Default validation message or property name

  - Statically set a message/name

  - Use .NET resource files for translation

<Talk code to me>

Localization with Sitecore

- Sitecore Dictionaries

- Key/Phrase pair as a Sitecore item

- `Translate.Text(string key)`

DisplayNames with Sitecore

- Ways of translations

  - Pass translation to `@Html.LabelFor(…)`

  - Create a custom attribute

  - Create a custom ModelMetadataProvider

<Talk code to me>

Serverside Validation with Sitecore

- Using custom attribute

  - Use a custom attribute for each validator

  - Inherit from the default `ValidationAttribute`

  - Override: `FormatErrorMessage()`

- **Pros:** Supports placeholders and default .NET messages

- **Cons:** Own class for each validator

<Talk code to me>

Clientside Validation with Sitecore

- Create custom adapters

- Register them on startup

- Add JavaScript dependencies
  `Microsoft.jQuery.Unobtrusive.Validation`
  `jQuery.Validation`
  `jQuery`

<Talk code to me>

But wait, isn't there…

Yes, there is!

The Ultimate Solution

- Add serverside translations to your custom adapters

- Override: `Validate()`

- Replace `ModelValidationResult` message

Summary

- Create a `ModelMetadataProvider` to translate labels

- Create `DataAnnotationsModelValidators` to translate validation errors on the client and the server

- Create `ValidationAttributes` if you need custom validation which support placeholders to translate validation errors

Resources

https://github.com/SUGCH/SitecoreMVCFormsLocalization

Q&A

Thank you