Form Validation



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Introduction



HTML5 Field Validation

CSS Classes for Validation

NgModel Properties for Validation

Styling Forms with Validation Errors

Submitting Forms

Handling Form Control Events



HTML5 Field Validation



HTML5 Validation Attributes

required

minlength

pattern

maxlength

min

max



CSS Classes for Validation



Validation Classes in Angular

ng-untouched ng-touched

ng-pristine ng-dirty ng-valid ng-invalid



NgModel Properties for Validation



Classes and Associated NgModel Properties

ng-untouched ng-touched ng-pristine ng-dirty ng-valid ng-invalid

untouched

pristine dirty valid invalid



Styling Forms with Validation Errors



Submitting Forms



Handling Form Control Events



Summary



HTML5 Field Validation

- required, pattern
- minlength, maxlength, min, max

CSS Classes for Validation

- ng-touched, ng-untouched
- ng-pristine, ng-dirty
- ng-valid, ng-invalid

NgModel Properties for Validation

- Based on classes without "ng-"



Summary



Styling Forms with Validation Errors

Submitting Forms

- (ngSubmit)="onSubmit()"
- form.submitted flag

Handling Form Control Events

- (blur)="onBlur()"

