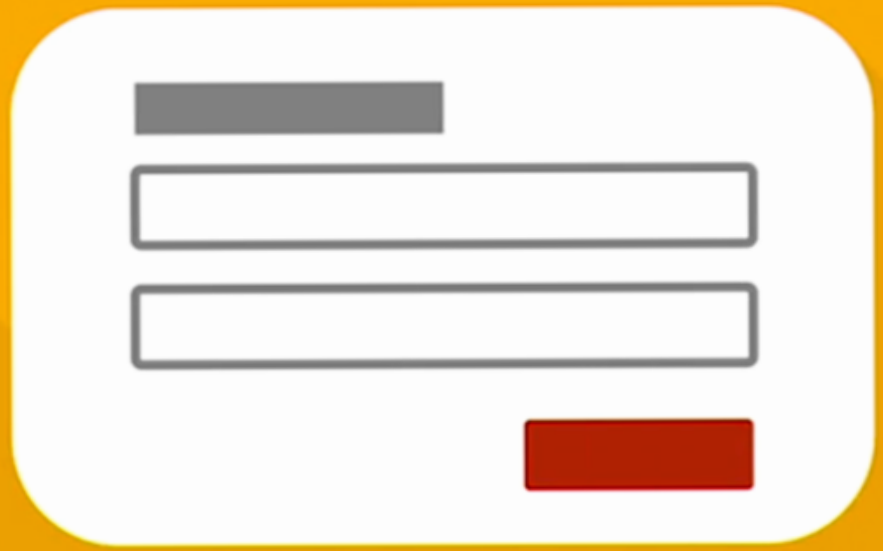
Angular

Forms



Links

- Forms documentation
- Cookbook
  - Dynamic Forms
  - Forms Validations

Module Overview

- Why use a forms
- Angular Forms
- Forms types in Angular
  - Template-Driven Forms
  - Model-Driven Forms

Why use a form

- Collect data
- Track changes from the user
- Validate data
- Show errors to the user

Angular Forms

- Provides In/Out component
- Keep change tracking up
- Validations
  - Built-id validators
  - Custom validators
  - Async Validators
- Form Object Representation

Forms types in Angular

Template Driven

Model Driven

Template Driven

- ngForm: Directive which recognize a form in templates
- ngModel: Directive which set-up two-way binding
- (ngSubmit): Event which detect native form submit
- Hash operator: #myName
  It declare a local variable called myName on the DOM Node

Model Driven

- Form field contract
- Field validation rules
- Change tracking
- Can be unit tested!

Forms types in Angular

Template Driven

- Ease of use
- Simple

Model Driven

- Full powered

Model Driven

- Use ReactiveFormsModule instead of FormsModule
- Import FormGroup
- Import & Inject FormBuilder
- Create the form via the FormBuild
  - This.myForm = this._fb.group({…})
- Directive [formGroup]
- Directive formControlName

Model Driven

- Validations
  - Import Validators from @angular/forms
  - FormControl syntax
    [‘defaultValue’, […Validators]]
- We can observe changes through FormGroup. valueChanges

Module Overview

- Why use a forms
- Angular Forms
- Forms types in Angular
  - Template-Driven Forms
  - Model-Driven Forms