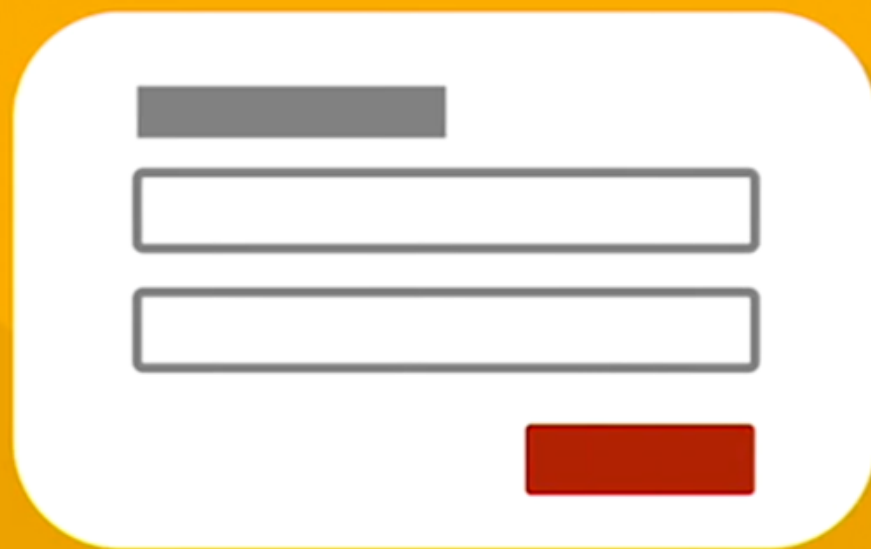
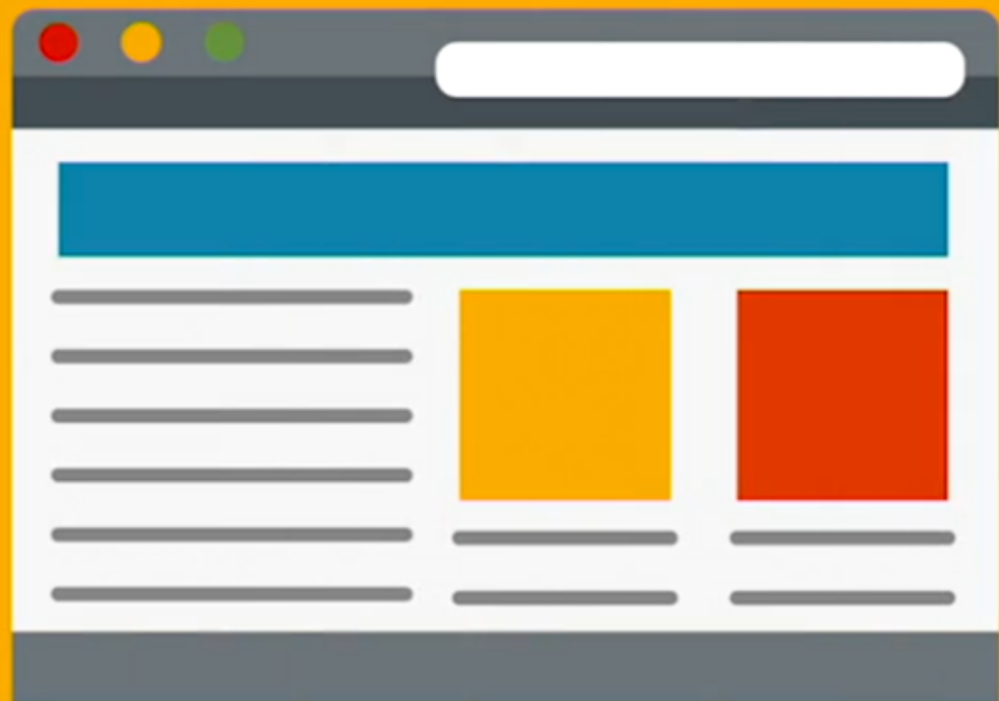


AngularJS

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 FormBuilder
 - `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

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