

Angular 4

Angular 4 Forms



Forms in Angular 4

Forms are probably the most crucial aspect of your web application.

An Angular form coordinates a set of data-bound user controls, tracks changes, validates input, and presents errors using the following tools

- **FormControls:** Encapsulate the inputs in forms and give the objects to work with them
- **Validators:** Gives the ability to validate inputs
- **Observers:** watch form for changes and respond accordingly

To use the Forms library we need to import *FormsModule* or using *ReactiveFormsModule* in *app.ts*.

- *FormsModule* gives template driven directives such as `ngModel` and `NgForm`
- *ReactiveFormsModule* gives directives like `FormControl` and `FormGroup`



Template
Driven

Model
Driven



Template Driven Forms

Forms build by writing templates in the Angular template syntax with the form-specific directives and techniques are called as Template Driven Forms.

Form is setup and configured in HTML Code.

Angular4 “infers” the FormGroup from HTML Code

Form data is passed via `ngSubmit()`

Demo



TemplateDriven-Forms



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