

Use of [(ngModel)] within FormGroup

Asked 2 years, 9 months ago Active 4 months ago Viewed 14k times



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I have in my application a registration form. But within this registration form there is an optional 'password' and 'repeat password' input. Since I'd rather not use the `FormControl` object to retrieve these 2 values (other values are fine), I would like a workaround for the usage of `ngModel` within a `<form>`

MCVE



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TS:

```
public password: string = '';
public passwordRe: string = '';
public registrationForm;

constructor(public fb: FormBuilder) {
  this.registrationForm = this.fb.group({
    'firstname' : [null, Validators.required],
    'lastname': [null, Validators.required]
  });
}
```

HTML

```
<form [formGroup]="registrationForm" (ngSubmit)="doSomething()">
  <div class="form-group"
    [ngClass]="{'has-error':!registrationForm.controls['firstname'].valid
    && registrationForm.controls['firstname'].touched}">
    <label>Firstname: *</label>
    <input class="form-control" type="text" placeholder="Firstname"
    [formControl]="registrationForm.controls['firstname']"/>
  </div>

  <div class="form-group"
    [ngClass]="{'has-error':!registrationForm.controls['lastname'].valid
    && registrationForm.controls['lastname'].touched}">
    <label>Lastname: *</label>
    <input class="form-control" type="text" placeholder="Lastname"
    [formControl]="registrationForm.controls['lastname']"/>
  </div>
</form>
```

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```
[formControl]="registrationForm.controls['lastname']"/>
</div>

<!-- NG MODELS -->

<input type="password" [(ngModel)] = "password"/>
<input type="password" [(ngModel)] = "passwordRe" />

<input type="submit" value="Some submit button"/>

</form>
```

This page is shown on multiple pages as a child, via selector. Placing the passwords on top, outside of the form would be the laziest solution, but I'd have to change some code to get that. (plus it doesn't look good) So I was wondering if there's a workaround for this specific issue.

 angular  typescript  angular2-forms

asked Jan 9 '17 at 13:43



Ivar Reukers

5,422 4 37 76

3 Answers



43



You can basically specify that the ngModel you are using is standalone. And use something like this

```
<input type="password" [(ngModel)] = "password" [ngModelOptions]="{standalone: true}"
/>
```

Run code snippet

[Expand snippet](#)

answered Feb 22 '17 at 23:10



Hasan Wajahat

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Thank you sir, I was having a problem with this as well. – [adrianolsk](#) Jun 20 '17 at 2:28

Thank you Sir. I never know about this option : ngModelOptions – [Tushar](#) Apr 29 at 8:22

If you provide the attribute:

0

```
formControlName = "your form control name here"
```

in the input then they can co-exist like so;

```
<input type="password"
      [(ngModel)] = "password"
      formControlName = "password"/>
```

The `formControlName` must match the name provided in your FormGroup

```
this.formGroup = this._formBuilder.group({
  'password': new FormControl(this.password, [
    Validators.required,
    Validators.minLength(4)
  ])
});
```

answered Dec 6 '17 at 13:55



[Stacker-flow](#)

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6 Notice - Support for using the `ngModel` input property and `ngModelChange` event with reactive form directives has been deprecated in Angular v6 and will be removed in Angular v7. – [Stanislav Ostapenko](#) Oct 3 '18 at 20:31

```
<input type="password" [(ngModel)] = "password" [ngModelOptions]="{standalone: true}"
```

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[Run code snippet](#)[Expand snippet](#)

answered Jun 14 at 9:42

[Harsha Vardhan Reddy N](#)

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If possible try to provide some explanation it will help others to understand what is happening. – [Abhishek Gurjar](#) Jun 14 at 10:02

@AbhishekGurjar please go through the following link definitely you will understand – [Harsha Vardhan Reddy N](#) Jun 17 at 9:12

angular.io/api/forms/NgModel – [Harsha Vardhan Reddy N](#) Jun 17 at 9:12

standalone: When set to true, the ngModel will not register itself with its parent form, and acts as if it's not in the form. Defaults to false. – [Harsha Vardhan Reddy N](#) Jun 17 at 9:13

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