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Angular2 If ngModel is used within a form tag, either the name attribute must be set or the form

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Asked 3 years, 2 months ago Active 3 months ago Viewed 176k times



I am getting this error from Angular 2

184

core.umd.js:5995 EXCEPTION: Uncaught (in promise): Error: Error in app/model_exposure_currencies/model_exposure_currencies.component.html:57:18 caused by: If ngModel is used within a form tag, either the name attribute must be set or the form control must be defined as 'standalone' in ngModelOptions.

★
25

```
Example 1: <input [(ngModel)]="person.firstName" name="first">
Example 2: <input [(ngModel)]="person.firstName" [ngModelOptions]="{standalone: true}">
<td *ngFor="let lag of ce.lags">
  <div class="form-group1">
    <input name="name" [(ngModel)]="lag.name" [ngModelOptions]="{standalone: true}" clas
  </div>
</td>
```

This is how I use form tag:

```
<form #f="ngForm" (ngSubmit)="onSubmit()">
```

angular angular-forms

share improve this question

edited Jul 3 '18 at 18:44

Michael
2,486 ● 5 ● 20 ● 42

asked Sep 4 '16 at 2:44

Tampa
49.8k ● 97 ● 217 ● 344

2 consider awarding one of the answers as the correct one – G. Stoynev Jan 30 at 1:15

add a comment

13 Answers

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If ngForm is used, all the input fields which has [(ngModel)]="" must have an attribute **name** with a value.

369

```
<input [(ngModel)]="firstname" name="something">
```

share improve this answer

edited May 17 '17 at 5:44

answered Nov 7 '16 at 9:44

Thyagarajan C
4,863 ● 1 ● 15 ● 18

search for 'name attribute' in this angular.io/docs/ts/latest/api/forms/index/... – Thyagarajan C Mar 15 '17 at 6:48

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What's this?

does the name attribute have to have a unique value? – Alexander Mills Jan 9 '18 at 6:09

2 From Angular 5 documentation (angular.io/guide/forms): "Defining a name attribute is a requirement when using [(ngModel)] in combination with a form." – elshev Feb 2 '18 at 22:50

1 Applicable to Angular 7 too! – Pavan Feb 4 at 21:15

1 this answer helped me 2 times but why name filed is important – saber tabatabaee yazdi Aug 18 at 13:29

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▲ 45 As every developer have a common habit, not to read the complete error, just read the first line and start looking for answer from someone else :) I am also one of them, that's why I am here:

Read the error, clearly saying:

```
Example 1: <input [(ngModel)]="person.firstName" name="first">
Example 2: <input [(ngModel)]="person.firstName" [ngModelOptions]="{standalone: true}">
```

What more we need to understand this error?

Use any one option everything will work smooth.

share improve this answer

answered Sep 29 '17 at 0:32



Ali Adravi

14.9k • 6 • 63 • 70

23 An explanation of the implication/effect of each alternative would be useful - choosing one of the two arbitrarily doesn't seem like a good idea. – Michael Sep 13 '18 at 10:12

love you :)))) – Lola Nov 7 at 12:10

add a comment

▲ 29 Both attributes are needed and also recheck all the form elements has "name" attribute. if you are using form submit concept, other wise just use div tag instead of form element.

```
<input [(ngModel)]="firstname" name="something">
```

share improve this answer

answered Jan 17 '18 at 8:31



Vinayak Shedgeri

1,188 • 14 • 20


add a comment


▲ 22 In my case the error happened because below in html markup one more line existed without the **name** attribute.

```
<form id="form1" name="form1" #form="ngForm">
  <div class="form-group">
    <input id="input1" name="input1" [(ngModel)]="metaScript" />
    ...
    <input id="input2" [(ngModel)]="metaScriptMessage"/>
  </div>
</form>
```

But the browser still reports the first row has the error. And it's difficult to discover the source of mistake if you have the elements between these two.

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0 control must be defined as 'standalone' Value not setting to name attribute TypeScript ,Angular


0 Using name attribute with ngModel in a form tag, still getting error -"If ngModel is used within a form tag, either the name attribute must be set..."


0 getting error in fromGroup earlier it was working fine but now showing error


0 Why do I need to mention name attribute or ngModelOptions="{standalone: true}" while using ngModel?


1 Conflict using name and value property in input simulty


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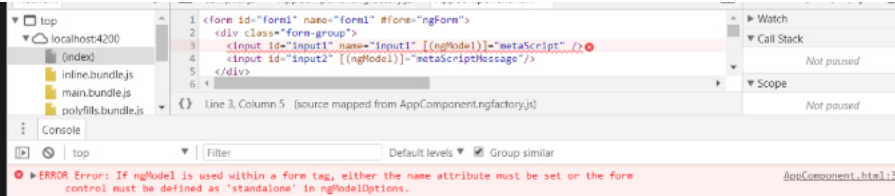
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answered Jan 17 at 11:33

elshev
630 ● 2 ● 9 ● 22

add a comment

When you clearly look at the console .It will give you two example.Implement any of these.

14

```
<input [(ngModel)]="person.firstName" [ngModelOptions]="{standalone: true}">
```

OR

```
<input [(ngModel)]="person.firstName" name="first">
```

share improve this answer

answered Dec 20 '17 at 11:55

RAHUL KUMAR
517 ● 6 ● 9

add a comment

I noticed that the Chrome developer tool sometimes only underlines the first element in swiggly red even if it is correctly set up with a name. This threw me off for a while.

13

One must be sure to add a **name** to **every** element on the form that contains ngModel regardless of which one is squiggly underlined.

share improve this answer

edited Jul 3 '18 at 15:32

answered Jun 25 '18 at 20:59

Eric
6,669 ● 15 ● 85 ● 120

add a comment

You need import { NgForm } from @angular/forms in your page.ts;

3

Code HTML:

```
<form #values="ngForm" (ngSubmit)="function(values)">
  ...
  <ion-input type="text" name="name" ngModel></ion-input>
  <ion-input type="text" name="mail" ngModel></ion-input>
  ...
</form>
```

In your Page.ts, implement your function to manipulate form data:

```
function(data) {console.log('Name: ' + data.value.name + ' Mail: ' + data.value.mail);}
```

share improve this answer

answered May 5 '17 at 1:07

João Paulo Paiva
2,107 ● 1 ● 7 ● 5

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Try this...

3

```
<input type="text" class="form-control" name="name" placeholder="Name"
      required minlength="4" #name="ngModel"
      ngModel>
<div *ngIf="name.errors && (name.dirty || name.touched)">
  <div [hidden]="!name.errors.required" class="alert alert-danger form-alert">
    Please enter a name.
  </div>
  <div [hidden]="!name.errors.minlength" class="alert alert-danger form-alert">
    Enter name greater than 4 characters.
  </div>
</div>
```

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answered Feb 21 '18 at 10:59



Sai Krishna

29 • 3

add a comment

3

For everyone who don't panic with the error message itself, but just googling for the explanation why example from [here](#) doesn't work (i.e dynamical filtering doesn't occur when the text is typed into the input field): it will not work until you will add the name parameter in the input field. Nothing points to the explanation why pipe isn't working, but the error message points to this topic and fixing it according to the accepted answer makes the dynamical filter working.

share improve this answer

answered Aug 6 at 17:21



Ilya Yevlampiey

1,606 • 2 • 23 • 37

add a comment

3

It's quite easy for a fix.

For me, we had more than one inputs in the form. We need to isolate the input / line causing error and simply add the `name` attribute. That fixed the issue for me:

Before:

```
<form class="example-form">
  <mat-form-field appearance="outline">
```


```
    <mat-select placeholder="Select your option" [(ngModel)]="sample.stat"> <!--HERE -->
```

```
      <mat-option *ngFor="let option of actions" [value]="option">{{option}}</mat-option>
    </mat-select>
  </mat-form-field>
```

```
  <mat-form-field appearance="outline">
    <mat-label>Enter number</mat-label>
```

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```
<input id="myInput" type="text" placeholder="Enter number" aria-label="Number"
  matInput [formControl]="myFormControl" required [(ngModel)]="number"> <!--HERE -->
```

```
</mat-form-field>
```

```
<mat-checkbox [(ngModel)]="isRight">Check!</mat-checkbox> <!--HERE -->
```

```
</form>
```

After: i just added the `name` attribute for `select` and `checkbox` and that fixed the issue. As follows:

```
<mat-select placeholder="Select your option" name="mySelect"
  [(ngModel)]="sample.stat"> <!--HERE: Observe the "name" attribute -->

<input id="myInput" type="text" placeholder="Enter number" aria-label="Number"
  matInput [formControl]="myFormControl" required [(ngModel)]="number"> <!--HERE -->

<mat-checkbox name="myCheck" [(ngModel)]="isRight">Check!</mat-checkbox> <!--HERE: Observe the
```

As you see added the `name` attribute. It is not necessary to be given same as your `ngModel` name. Just providing the `name` attribute will fix the issue.

share improve this answer

edited Aug 23 at 9:22

answered Aug 23 at 9:15



Kaillas

5,246 ● 2 ● 29 ● 57

add a comment

2

You didn't mention the version you're using, but if you're using rc5 or rc6, that "old" style of form has been deprecated. Take a look at this for guidance on the "new" forms techniques:

<https://angular.io/docs/ts/latest/guide/forms.html>

share improve this answer

answered Sep 4 '16 at 8:45



John Baird

2,121 ● 8 ● 25

add a comment

2

In order to be able to display the information in the form you would like, you need to give those specific inputs of interest names. I'd recommend you do have:

```
<form #f="ngForm" (ngSubmit)="onSubmit(f)"> ...
<input **name="firstName" ngModel** placeholder="Enter your first name"> ...
```

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answered Dec 5 '17 at 7:58



thinkr22


31 ● 1

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For me, the solution was very simple. I changed the `<form>` tag into a `<div>` and the error goes

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For me, the solution was very simple: I changed the "form" tag into a "form" and the error goes away.

share improve this answer

answered Dec 18 '17 at 15:42




John Henckel

5,022 ● 2 ● 39 ● 52

1 This is because you are removing the form, thus removing all the features the form provides. – astro8891 Jun 21 '18 at 2:39

@astro8891 me no need feature – John Henckel Jul 29 at 2:53

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
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
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
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