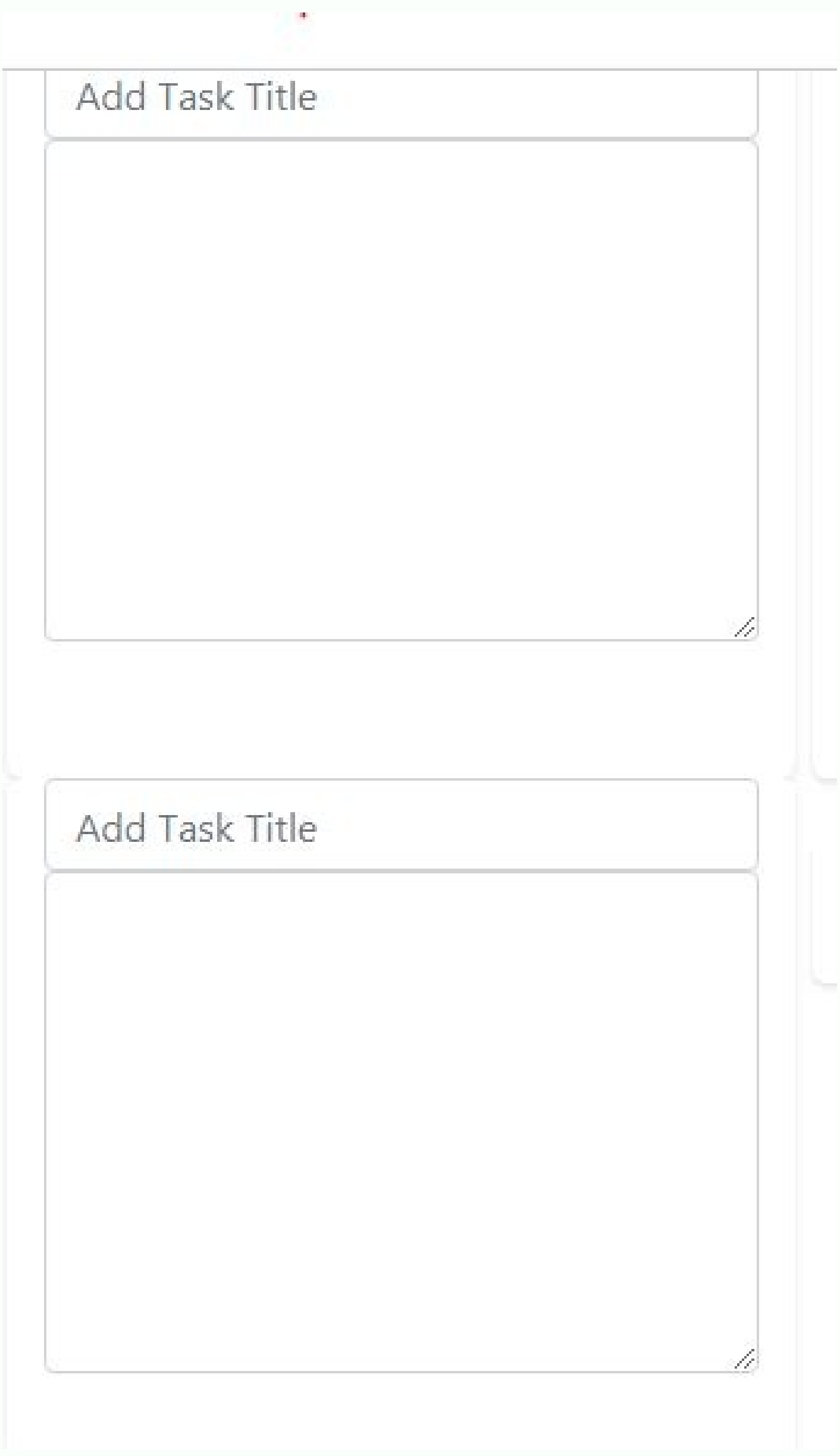
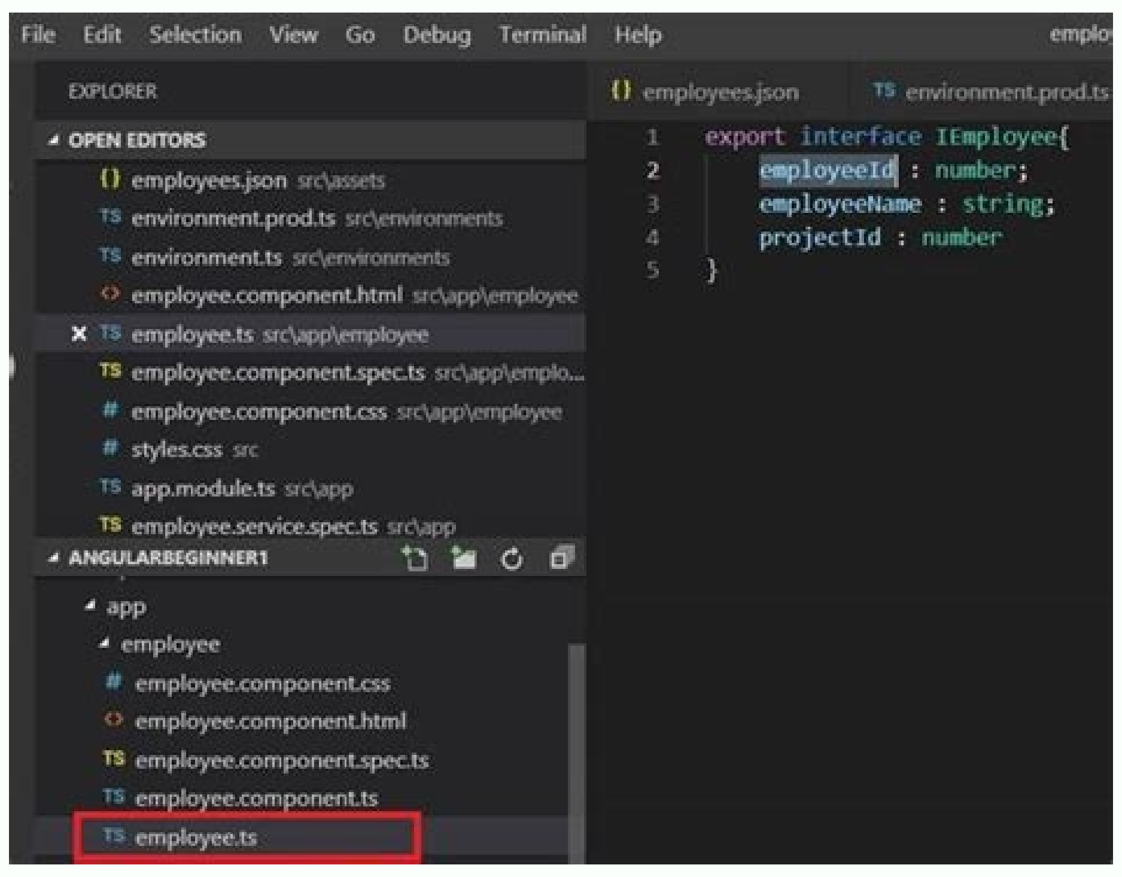
Angular formcontrol enable

I'm not robot!

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employee.component.spec.ts
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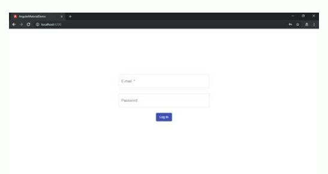
environment.prod.ts

```
export interface IEmployee{
    employeeId : number;
    employeeName : string;
    projectId : number
}
```



Angular formcontrol list. How to enable formcontrol in angular 6. How to disable and enable formcontrol in angular 7. Angular new formcontrol example. How to use formcontrol angular. How to enable formcontrol in angular 8. Angular formcontrol enable disable.

This blog post makes use of reactive forms, but the examples should be applicable on template-driven forms as well.The solution proposed in the post does currently not 100% cover custom controls, unfortunately.Why write a blog post about disabling a form, you think? It couldn’t be more easy than calling the disable method on the form control, you think?It’s true, disabling a form in Angular is pretty easy. It can be done by calling the this.form.disable() method. That’s all it takes. So let’s see it in action.Take notice of the fact that the form control: email, is disabled initially.So far so good, let’s re-enable the form again after we’ve disabled it.After re-enabling our form there is a difference with our initial state. Our email form control that was disabled initially isn’t disabled any longer. We lost the initial disabled state of our form controls. This might be the intention but there are many instances you rather prefer not to lose that state.Why preserving initial form state can be usefulLet’s say we have a use case where the postal code is disabled by default as long as a country is not selected from the list. To populate the list of countries we make use of an external API.In this instance we want to disable the complete form as long as the countries haven’t been resolved. After they are resolved we want to enable the form again, but don’t want to lose our initial state of our form controls as the postal code must only enable when a country is selected. The only thing we can do is re-enable the form and disable the postal code form control after it.There must be a better way to achieve this right? Let’s explore!Resetting the formWhat about resetting the form using the built-in reset function in a form control?The initial enabled or disabled state is not taken into account and therefore kept untouched when we call the method.This means we lose our enabled/disabled state which we try to preserve. Let’s explore another path!The disabled attributeWhen we either enable or disable our form (group), Angular actually enables or disables the controls within the group individually. The reason for this is that there isn’t something like a disabled attribute on a form tag as there is on an input.So disabling a form would mean the following happens.The disabled attribute doesn’t work on a form tag as this is not in the html specifications.Would be nice though 😁. So back to square one. We still can’t preserve our enabled/disabled state after disabling and/or enabling the form.Fieldset to the rescueThere is an HTML tag available that is part of the official specifications for forms. It’s called a fieldset.MDN web docs:The HTML element is used to group several controls as well as labels.If a fieldset is an element that groups form controls together maybe it has the properties of a form control itself like disabled? And yes, it certainly does.MDN web docs:If the Boolean attribute disabled is set, all form controls that are descendants of the , are disabled.Let’s give it a try.As you can see it all works just fine. We disabled the complete form without losing any initial form state. Do note that we don’t use the .enable() and .disable() methods any longer.However we don’t want to create a fieldset over and over again, so let’s create a directive out of it.Now, let’s use the directive.Just like that we’ve created a way to disable a form without losing its default enabled/disabled state. Last but definitely not least: browser support (fieldset-disabled).ConclusionWe’ve created a directive where we can disable the form with, while preserving the enabled/disabled state of each form control within. Pretty cool no? Keep in mind that this method kind of expects you to not use the enable and disable functions provided by the form controls.If you liked this post make sure to share it with your fellow coders! Feedback is appreciated!Special thanks to these people for reviewing:Sam Vloeberghs, Keelan Savat and Thomas Vermeulen In an Angular Form, we may sometimes be required to disable some of the form controls based on complex logic. When we make a form control is disabled, it is not considered as the value during submission of the forms. This Angular tutorial is compatible with version 4+ including latest version 12, 11, 10, 9, 8 ,7, 6 & 5. The form control values are only fetched from controls that are enabled on time of submission, whereas the disabled form control values are simply ignored. In this quick tutorial, we’ll create a simple Angular form and get the value of disabled form control while submitting it. Create a Simple Form In the App, component add the following simple form with First Name and Last Name as shown below: First Name: Last Name: Submit Disable LastName Enable LastName It is having two buttons to Enable/ Disable the Last name control. Update the App component class with the following code: // app.component.ts import { Component } from '@angular/core'; import { FormBuilder, Validators } from '@angular/forms'; @Component({ selector: 'app-root', templateUrl: './app.component.html', styleUrls: ['./app.component.scss'] }) export class AppComponent { profileForm = this.fb.group({ firstName: [''], lastName: [''] }); constructor(private fb: FormBuilder) { } ngOnInit() { } onSubmit() { console.log(this.profileForm.value); } disableLastName() { this.profileForm.controls.lastName.disable(); } enableLastName() { this.profileForm.controls.lastName.enable(); } } Now, Run the application by hitting “ng serve --open” Without Disabled Lastname Now if click on the Submit button, you will see the firstName and lastName values in the console window, given by the With Disabled LastName Now click on the “Disable LastName” button to disable the control. Then click submit to notice that there will be no value for lastName. Solution To Get Disabled Form Control Values You need to update the Submit method as shown below: onSubmit() { console.log('Before', this.profileForm.value); for (const prop in this.profileForm.controls) { this.profileForm.value[prop] = this.profileForm.controls[prop].value; } console.log('After', this.profileForm.value); } Here, we are getting values from each control using controls inside the for loop for props then updating the values object which was missing the disabled props That’s it... The modern webdeveloper's platform If you are using a reactive form approach to take inputs from user and then you want to enable or disable the fields based on user action. So, you could do the following... Suppose your FormGroup looks like this --> // cityRef field will be automatically disabled intially, as property disabled: true is set this.signUpFrom = new FormGroup({ userData: new FormGroup({ mobileNumber: new FormControl(null, [Validators.required, Validators.minLength(10), Validators.maxLength(10)]), password: new FormControl(null, [Validators.required]), userType: new FormControl('VENDOR') }), otherData: new FormGroup({ cityRef: new FormControl({ value: null, disabled: true }, [Validators.required]), email: new FormControl(null, [Validators.required, Validators.email]), address: new FormControl(null, [Validators.required]) }), name: new FormControl(null, [Validators.required]), }); Now if you want to disable / enable email, password, name etc, based on user actions. You can do this in just one step. (Example of accessing different fields) this.signUpFrom.get('otherData.email').enable(); // To enable this.signUpFrom.get('otherData.email').disable(); // To disable this.signUpFrom.get('userData.password').enable(); // To enable this.signUpFrom.get('userData.password').disable(); // To disable this.signUpFrom.get('name').enable(); // To enable name field this.signUpFrom.get('name').disable(); // To disable name field You can put these codes in function that can be called in onClick or in onChanges etc. Even you can get the current situation of fields weather it is disabled or enabled by using this.signUpFrom.get('name').disabled; // return true if disabled this.signUpFrom.get('name').enabled; // return true if enabled May be late on answering this question, but since i found useful i thought to answer it as this may be helpful to you or somebody else! By Arvind Rai, January 10, 2021 On this page we will learn how to disable FormControl in Angular application. We can disable a FormControl by passing disabled attribute while instantiating it. We can use disable() and enable() method of FormControl. We can also call disable/enable function at runtime by using control[action]() method of FormControl. We need to pass action as 'disable' or 'enable'. We can also use [disabled]="true" binding to disable a form control. Now let us discuss the examples to use all above approach to disable form controls step-by-step. Contents Find the technologies being used in our example. 1. Angular 11.0.3 2. Node.js 12.5.0 3. NPM 6.9.0 To disable a FormControl, we pass disabled attribute to it as following. company = new FormControl({value:"", disabled: true}); Find the disabled attribute with validations in FormControl. company = new FormControl({value:"Krishna", disabled: true}, [Validators.required]); A FormControl can be disabled and enabled using its disable() and enable() method respectively. Find the component code. cityName = new FormControl(); cityNameDisable() { this.cityName.disable(); } cityNameEnable() { this.cityName.enable(); } Find the HTML template code.
Disable Enable
Find the directive to enable/disable control. enable-disable-directive.ts import { NgControl } from '@angular/forms'; import { Directive, Input } from '@angular/core'; @Directive({ selector: '[enableDisable]' }) export class EnableDisableDirective { @Input() set enableDisable(action: string) { this.ngControl.control[action](); } constructor(private ngControl: NgControl) { } } a. Below code will return disable() function. ngControl.control['disable']() b. Below code will return enable() function. ngControl.control['enable']() Find the HTML code to use this directive. Disable Enable We can disable a control using [disabled]="true" binding. We can also disable control using [attr.disabled]="true". Angular does not suggest to use [disabled]="true" binding to disable a control. Using [disabled]="true" gives us a message in browser console as following. It looks like you're using the disabled attribute with a reactive form directive. If you set disabled to true when you set up this control in your component class, the disabled attribute will actually be set in the DOM for you. We recommend using this approach to avoid 'changed after checked' errors. Example: form = new FormGroup({ first: new FormControl({value: 'Nancy', disabled: true}, Validators.required), last: new FormControl('Drew', Validators.required) }); Here we will provide complete code of our example. The code for EnableDisableDirective is given above in the article. Find the other files of our example. reactive-form.component.ts import { Component, OnInit } from '@angular/core'; import { FormControl, FormGroup, FormBuilder, Validators } from '@angular/forms'; @Component({ selector: 'app-reactive-form', templateUrl: './reactive-form.component.html' }) export class ReactiveFormComponent implements OnInit { company = new FormControl({value:"", disabled: true}); cityName = new FormControl(); state = new FormControl(); countryName = new FormControl(); cityNameDisable() { this.cityName.disable(); } cityNameEnable() { this.cityName.enable(); } cnAction = "enable"; userForm: FormGroup; ageAction = "enable"; constructor(private formBuilder: FormBuilder) { } ngOnInit() { this.userForm = this.formBuilder.group({ name: [{value:"Mahesh", disabled: true}, [Validators.required]], age: '' }); } onFormSubmit() { console.log(this.userForm.value); this.userForm.reset(); } } reactive-form.component.html

Disable Enable
Disable Enable

User Form

Name: age: Disable Enable Submit app.component.ts import { Component } from '@angular/core'; @Component({ selector: 'app-root', template: ` ` }) export class AppComponent { } styles.css table { border-collapse: collapse; } table, th, td { border: 1px solid black; } .error { color: red; } .success { color: green; } app.module.ts import { NgModule } from '@angular/core'; import { BrowserModule } from '@angular/platform-browser'; import { ReactiveFormsModule } from '@angular/forms'; import { AppComponent } from './app.component'; import { ReactiveFormComponent } from './reactive-form.component'; import { EnableDisableDirective } from './enable-disable-directive'; @NgModule({ imports: [BrowserModule, ReactiveFormsModule,], declarations: [AppComponent, ReactiveFormComponent, EnableDisableDirective], providers: [ ], bootstrap: [AppComponent] }) export class AppModule { } To run the application, find the steps. 1. Download source code using download link given below on this page. 2. Use downloaded src in your Angular CLI application. To install Angular CLI, find the link. 3. Run ng serve using command prompt. 4. Access the URL Find the print screen of the output. Angular FormControl disable-angular-formcontrol.zip POSTED BY

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