

# Angular 2 Form Serialization Into JSON Format

Asked 3 years ago   Active 10 months ago   Viewed 24k times



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I am having a little bit of trouble creating my Angular 2 form and converting the submitted data into JSON format for the use of submitting it to my API. I am looking for something that works very similarly to this example: `$.fn.serializeObject = function()`

<http://jsfiddle.net/sxGtM/3/>

The only problem with this example is that the code is written in JQuery, whereas I'm trying to use strictly angular 2. Any help would be greatly appreciated, I am still very new to angular.

json forms  angular

asked Sep 26 '16 at 8:42



Tristan C

143 1 2 12

if you are using angular then why there is no ngmodel in your input? – Gaurav Srivastava Sep 26 '16 at 8:59

Because this was an example I found, not my code. I want to implement something similar to this example using angular 2 – Tristan C Sep 26 '16 at 9:15

## 3 Answers



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You can use the `getRawValue()` function if you're using a `FormGroup`, to return an object that can then be serialized using `JSON.stringify()`.

```
import { Component, OnInit } from '@angular/core';
import { FormGroup, FormBuilder } from '@angular/forms';
import { Http } from '@angular/http';
```

```
@Component({
  selector: 'mv-component'.
```

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```
form: FormGroup;

constructor(private fbuilder: FormBuilder,
             private http: Http) { }

ngOnInit(){
  this.form = this.fbuilder.group({
    name: '',
    description: ''
  });
}

sendToAPI(){
  let formObj = this.form.getRawValue(); // {name: '', description: ''}

  let serializedForm = JSON.stringify(formObj);

  this.http.post("www.domain.com/api", serializedForm)
    .subscribe(
      data => console.log("success!", data),
      error => console.error("couldn't post because", error)
    );
}
```

edited Nov 27 '18 at 1:28



Mr-Programs

440 1 16

answered Sep 26 '16 at 9:36



Federico Pettinella

1,145 1 8 17

You can use `JSON.stringify(form.value)` :

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```
submit() {
  let resource = JSON.stringify(this.form.value);

  console.log('Add Button clicked: ' + resource);

  this.service.create(resource)
    .subscribe(response => console.log(response));
}
```

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Add Button clicked:

[song-form.component.ts:30](#)

Result in Chrome DevTools:

```
{"title":"asdfjh","url":"aadsljh","artist":"lajsh d","genre":"ljhs "}
```

edited Jun 11 '18 at 6:58



Edric

10.3k

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41

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answered Jan 23 '18 at 13:37



Mahesh Nepal

426

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You are looking for `JSON.stringify(object)` which will give you the JSON representation of your javascript object.

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You can then POST this using the built-in HTTP service to your server.



answered Sep 26 '16 at 8:57



Alexander Ciesielski

6,829

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