

Send POST data via raw json with postman



I've got Postman (the one that doesn't open in Chrome) and I'm trying to do a POST request using raw json.

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In the Body tab I have "raw" selected and "JSON (application/json)" with this body:



```
{  
  "foo": "bar"  
}
```



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For the header I have 1, Content-Type: application/json

On the PHP side I'm just doing `print_r($_POST);` for now, and I'm getting an empty array.

If I use jQuery and do:

```
$.ajax({  
  "type": "POST",  
  "url": "/rest/index.php",  
  "data": {  
    "foo": "bar"  
  }  
}).done(function (d) {  
  console.log(d);  
});
```

I'm getting as expected:

```
Array  
(  
    [foo] => bar  
)
```

So why isn't it working with Postman?

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The screenshot shows the Postman interface for a POST request. The top bar displays the method **POST** and the URL `lh.com/rest/index.php`. Below this, a tabbed interface shows **Authorization**, **Headers (1)**, **Body** (selected), **Pre-request Script**, and **Tests**. In the **Body** tab, the **raw** radio button is selected, and the content type is set to **JSON (application/json)**. The body text area contains a JSON object:

```
{  
  "foo": "bar"  
}
```

 with line numbers 1, 2, and 3 on the left. The bottom section of the interface shows the **Body** tab selected, with sub-tabs for **Pretty**, **Raw**, and **Preview**. The **Pretty** tab is active, displaying the response as

```
array(0) {  
}
```

 with line numbers 1, 2, and 3. A status icon 'i' is visible on the left of the response area.

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Authorization
Headers (1)
Body ●
Pre-request Script
Tests

Content-Type

application/json

key
value

php
json
rest
postman

edited Aug 18 '16 at 0:53

asked Aug 18 '16 at 0:09



smerny

13.5k

19

52

70

Try `$_REQUEST` instead `$_POST` and `var_dump()` instead `print_r()` – Deep Aug 18 '16 at 0:11

@Deep I get `array(1) {["foo"] => string(3) "bar"}` with jQuery and still an empty array with Postman: `array(0) {}` – smerny Aug 18 '16 at 0:15

So Postman not sending request – Deep Aug 18 '16 at 0:18

@smerny in your post `fields` and `foo` wont match thus it won't work, Im not sure if it is a typo but make sure they match – meda Aug 18 '16 at 0:21

@meda, right that was a typo, but if I had fields it still should have output in the var dump of `$_REQUEST` or `$_POST` – smerny Aug 18 '16 at 0:22

5 Answers



Unlike `jQuery` in order to read raw `JSON` you will need to decode it in PHP.

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```
print_r(json_decode(file_get_contents("php://input"), true));
```

`php://input` is a read-only stream that allows you to read raw data from the request body.

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```
foo=bar&foo2=bar2
```

To post raw json with jquery :

```
$.ajax({
  "url": "/rest/index.php",
  'data': JSON.stringify({foo:'bar'}),
  'type': 'POST',
  'contentType': 'application/json'
});
```

edited Sep 10 '18 at 19:37



ahnbizcad

7,369 9 44 72

answered Aug 18 '16 at 0:32



meda

40.5k 11 72 114

yes exactly posting json vs post variables are different – [meda](#) Aug 18 '16 at 2:02



meda's answer is completely legit, but when I copied the code I got an error!

7

Somewhere in the "php://input" there's an invalid character (maybe one of the quotes?).



When I typed the "php://input" code manually, it worked. Took me a while to figure out!

answered Apr 27 '17 at 9:22



CoredusK

330 3 8

1 Glad I scrolled down a little further and saw this - I was having the same issue. Good find! – [Charlie Stanard](#) Aug 20 '18 at 18:24

1 It looks like someone fixed it in an edit to meda's post. But I looked at the edit history and found that the original post had 200c 200b (zero width characters) between the "n" and "p" in "input". Not sure how he ended up with that, but it's fixed now. – [smerny](#) Feb 14 at 16:19

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The screenshot shows the Postman interface for a POST request. The 'Body' tab is selected, and the 'raw' radio button is chosen with the content type 'JSON (application/json)'. The body text is `{"skill": "nlp"}`. Below the request, the response is displayed in the 'Body' tab, showing a JSON object: `{ "synon_skill": "natural language processing" }`. The status is 200 OK, time is 881 ms, and size is 337 B. The interface includes tabs for Params, Authorization, Headers (1), Body, Pre-request Script, Tests, Cookies, Code, and Comments (0). The response section also has tabs for Body, Cookies, Headers (7), and Test Results, along with a 'Download' button.

answered Jan 29 at 1:09



Itachi

551 8 16

- 4 this is a fairly old post.. but if you look at the question you'll see that I did exactly that. you may want to read the question, the selected answer, and the comments on the selected answer to understand the problem and solution better. – [smerny](#) Jan 29 at 7:16

I was facing the same problem, following code worked for me:

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edited Dec 12 '18 at 13:16



finefoot

3,029 5 21 45

answered Mar 29 '17 at 5:48



Neo

140 2 10



2



Install Postman native app, Chrome extension has been deprecated. (Mine was opening in own window but still ran as Chrome app)

answered Jun 28 '18 at 10:17



Jaroslav Štreit

350 4 16

2 This doesn't answer the question. – [jhpratt](#) Jan 1 at 7:36

@jhpratt actually it does. I had same problem. When used Postman app, it worked. Question is: So why isn't it working with Postman? – [Jaroslav Štreit](#) Jan 2 at 8:25

protected by [cassiomolin](#) Feb 22 at 16:07

Thank you for your interest in this question. Because it has attracted low-quality or spam answers that had to be removed, posting an answer now requires 10 [reputation](#) on this site (the [association bonus](#) does not count).

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