have this JSON in a file:

{

"maps": [

{

"id": "blabla",

"iscategorical": "0"

},

{

"id": "blabla",

"iscategorical": "0"

}

],

"masks": [

"id": "valore"

],

"om\_points": "value",

"parameters": [

"id": "valore"

]

}

I wrote this script which prints all of the json text:

json\_data=open(file\_directory).read()

data = json.loads(json\_data)

pprint(data)

How can I parse the file and extract single values?

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asked May 14 '10 at 15:54

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* 4

See also: [Read and write example for JSON](http://stackoverflow.com/a/37795053/562769) – [Martin Thoma](https://stackoverflow.com/users/562769/martin-thoma) [Mar 8 '17 at 10:23](https://stackoverflow.com/questions/2835559/parsing-values-from-a-json-file#comment72462055_2835559)

* I create tiny repository on github which shows how todo it: [github.com/burlachenkok/json\_processing](https://github.com/burlachenkok/json_processing). I created an answer yesterday, but it have been marked as deleted because it links to another place – [bruziuz](https://stackoverflow.com/users/1154447/bruziuz" \o "2,446 reputation)[May 11 '18 at 10:56](https://stackoverflow.com/questions/2835559/parsing-values-from-a-json-file#comment87597546_2835559)

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9 Answers

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1929

I think what Ignacio is saying is that your JSON file is incorrect. You have [] when you should have {}. [] are for lists, {} are for dictionaries.

Here's how your JSON file should look, your JSON file wouldn't even load for me:

{

"maps": [

{

"id": "blabla",

"iscategorical": "0"

},

{

"id": "blabla",

"iscategorical": "0"

}

],

"masks": {

"id": "valore"

},

"om\_points": "value",

"parameters": {

"id": "valore"

}

}

Then you can use your code:

import json

from pprint import pprint

with open('data.json') as f:

data = json.load(f)

pprint(data)

With data, you can now also find values like so:

data["maps"][0]["id"]

data["masks"]["id"]

data["om\_points"]

Try those out and see if it starts to make sense.