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Thread: [Get Requests JSON parse dictionary issue...](#)

Xogg - April 23, 2020, 3:40 am

Sooo I know the title is insane, let me explain. Im download a post request, parsing it into json then attempting to get certain data from it.

This is my current code

```
Code r = requests.get("https://shoppy.gg/api/v1/orders/", headers=headers)
jsonObject = json.loads(str(r.text))
for key in jsonObject:
```

```
    print(key)
```

Ofc there is more before it but it doesnt matter...

so my issue is when I print the key I want to access a certain part of the data. This works with one peice, but not another..

Here is an example of what the key looks like.

```
Code {'id': 'd781fbfe-f746-4b7-a990-9eaa2887894d', 'pay_id': None, 'product_id': 'pfFjYt',
'coupon_id': None, 'price': 10, 'currency': 'USD', 'exchange_rate': None, 'email':
'XXXXXXXX@gmail.com', 'delivered': 0, 'confirmations': 0, 'required_confirmations': 1, 'transaction_id':
'', 'crypto_address': 'XXXXXX@gmail.com', 'crypto_amount': '10', 'shipping_address': None, 'quantity':
1, 'gateway': 'PayPal', 'custom_fields': [{'name': 'Discord Name (FULL NAME WITH #)', 'type': 'text',
'required': True, 'value': 'I NEED THIS PORTION OF DATA'}], 'refund_id': None, 'is_replacement':
False, 'replacement_id': None, 'paid_at': None, 'disputed_at': None, 'created_at':
'2020-04-23T09:47:41.000000Z', 'is_partial': None, 'crypto_received': None, 'return_url': None,
'coupon': [], 'product': {'id': 'xxxx', 'attachment_id': None, 'title': 'XXXX', 'description': None, 'image':
None, 'unlisted': False, 'type': 'service', 'price': 10, 'currency': 'USD', 'email': {'enabled': False},
'stock_warning': 0, 'quantity': {'min': 1, 'max': 1}, 'confirmations': 3, 'custom_fields': [{'name': 'Discord
Name (FULL NAME WITH #)', 'type': 'text', 'required': True}], 'gateways': ['PayPal'], 'webhook_urls':
[None], 'dynamic_url': '', 'position': None, 'created_at': '2020-04-23T09:36:58.000000Z', 'updated_at':
'2020-04-23T09:36:58.000000Z', 'stock': 9223372036854775807, 'accounts': [], 'agent': {'geo': {'ip':
'XXXX', 'iso_code': 'US', 'country': 'United States', 'city': 'XXXXX', 'state': 'XX', 'state_name': 'XXXX',
'postal_code': 'XXXX', 'lat': XXXX, 'lon': XXXX, 'timezone': 'America/New_York', 'continent': 'NA',
'currency': 'USD', 'default': True, 'cached': False}, 'data': {'is_mobile': False, 'is_tablet': False,
'is_desktop': True, 'platform': 'Windows', 'browser': {'name': 'Chrome', 'version': '81.0.4044.122'},
'device': {'name': 'WebKit', 'version': False}}}, 'hash':
'd2f1b70fac94c3790ca9253934924e794d6fc4aa6277ea0d401b5d7b0f759cce'}
```

So. Im trying to print this portion of data out.

```
'value': 'I NEED THIS PORTION OF DATA'
```

if I do

```
Code print(key['id'])it works and returns the ID 'd781fbfe-f746-4b7-a990-9eaa2887894d'
```

BUTTTTT IF i do

Code `print(key['value'])` It will return with `KeyError: 'value'`

Solved my issue!

```
Code r = requests.get("https://shoppy.gg/api/v1/orders/", headers=headers)
jsonObject = json.loads(str(r.text))
for key in jsonObject:
```

```
    t = str(key["custom_fields"])
```

```
    if t != "None":
```

```
        t = t.replace("[", "")
```

```
        t = t.replace("]", "")
```

```
        t = t.replace("'", "")
```

```
        res = ast.literal_eval(t)
```

```
        print(res["value"])
```

SIM-1866423 - April 23, 2020, 7:53 am

```
Code data = {"custom_fields":[{"name": 'Discord Name (FULL NAME WITH #)', 'type': 'text',
'required': True, 'value': 'I NEED THIS PORTION OF DATA'}]}
```

```
print data['custom_fields'][0]['value']
```

did u try like this ? ur code ugly.

Lindros - April 24, 2020, 1:14 am

In my IDE I get this when I copy past that dictionary.

Code `NameError: name 'XXXX' is not defined`

That's not a properly structured python dictionary, it's super disorganized. It has all sorts of issues with it.