

More than one value in url on Django Rest Framework

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I'm having this issue with Django Rest Framework and i don't get how to solve it. So, i want to pass more than 1 value through my API URL like this:

urls.py

```
url(r'^api/resource/(?P<value1>\w+)/resourcetwo/(?P<value2>[\w-]+)/$', views.Example.as_view()),
```

In **views.py** i have this:

```
class Example(APIView):
    def get_object(self, *args, **kwargs):
        try:
            value1 = kwargs.get('value1')
            value2 = kwargs.get('value1')
            return Model.objects.get(value1=value1)
        except Model.DoesNotExist:
            raise NotFound

    def get(self, request, value1, value2, format=None):
        queryset = self.get_object(value1, value2)
        serializer = ModelSerializer(queryset)
        return Response(serializer.data)
```

The issue is that i don't even get to my `get_object` because i have the following error from `rest_framework.views`:

```
file "../env/lib/python3.8/site-packages/rest_framework/views.py", line 502, in dispatch
response = handler(request, *args, **kwargs)
```

```
TypeError: get() got an unexpected keyword argument 'value1'
```

I have tried with the following configuration also:

```
path('api/resource/<int:value1>/resourcetwo/<int:value2>', views.Example.as_view()),

def get_object(self, value1, value2):
    try:
        #... rest of the func.
```

But i have the same error from rest_framework views, so how this should be implemented?

Thanks for your help!

python

django

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edited May 13 '20 at 12:13

asked May 13 '20 at 11:53

✖✖✖✖ Maurinostroza
✖✖✖✖ 105 ● 2 ● 13

way "value1 = self.kwargs.get('value1')" and not "value1 = kwargs.get('value1')"? – Baruch Gans May 13 '20 at 11:59

share the full API view – Akash Pagar May 13 '20 at 12:00

Can you post your full view / viewset? – Ozgur Akcali May 13 '20 at 12:07

Add a [Minimal, Reproducible Example](#) – JPG May 13 '20 at 12:12

Sorry guys, done, entire view class added. Thanks for your help! – Maurinostroza May 13 '20 at 12:15

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your method signature for get is incorrect. And you don't have to pass anything to get_object method.

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change your code to:



```
class Example(APIView):
    def get_object(self):
        try:
            value1 = self.kwargs.get('value1')
            value2 = self.kwargs.get('value1')
            return Model.objects.get(value1=value1)
        except Model.DoesNotExist:
            raise NotFound

    def get(self, request, *args, **kwargs):
        instance = self.get_object()
        serializer = ModelSerializer(instance)
        return Response(serializer.data)
```

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answered May 13 '20 at 17:46



[zaphod100.10](#)

3,111 ● 23 ● 36

Omg i was doing it so wrong. Thanks for your help, this worked great. – [Maurinostroza](#) May 13 '20 at 20:48

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