class NbModelSerializer(serializers.ModelSerializer):

gender = serializers.CharField()

class Meta:

model = models.NbUserInfo

fields = ["id", "name", "age", "gender"]

extra\_kwargs = {

"id": {"read\_only": True}

}

class NbModelSerializer(serializers.ModelSerializer):

gender = serializers.SerializerMethodField() # get\_attribute to\_representation

v1 = serializers.CharField(source="depart.title", read\_only=True) # get\_attribute to\_representation

class Meta:

model = models.NbUserInfo

fields = ["id", "name", "age", "gender"]

extra\_kwargs = {

"id": {"read\_only": True}

}

def get\_gender(self, obj):

return obj.get\_gender\_display()

==============================方法1================================

1.SerializerMethodField到底是如何实现的执行钩子方法？

2.序列化

- 加载字段

- 示例 ser=NbModelSerializer(...)

- ser.data

class NbCharField(serializers.CharField):

def \_\_init\_\_(self, method\_name=None, \*\*kwargs):

self.method\_name = method\_name # None

super().\_\_init\_\_(\*\*kwargs)

def bind(self, field\_name, parent):

# The method name defaults to `get\_{field\_name}`.

if self.method\_name is None:

self.method\_name = 'xget\_{field\_name}'.format(field\_name=field\_name) # "get\_gender"

super().bind(field\_name, parent)

def get\_attribute(self, instance):

method = getattr(self.parent, self.method\_name)

return method(instance)

def to\_representation(self, value):

return str(value)

class NbModelSerializer(serializers.ModelSerializer):

gender = NbCharField()

class Meta:

model = models.NbUserInfo

fields = ["id", "name", "age", "gender"]

extra\_kwargs = {

"id": {"read\_only": True}

}

def xget\_gender(self, obj):

# print(obj)

# print(obj.get\_gender\_display())

# return obj.get\_gender\_display()

# print(models.NbUserInfo.gender.choices)

print(models.NbUserInfo.gender\_choices)

print(obj.gender)

return obj.name

class NbView(APIView):

def post(self, request, \*args, \*\*kwargs):

obj = models.NbUserInfo.objects.first()

print(obj.id, obj.get\_gender\_display(), obj.gender)

ser = NbModelSerializer(data=request.data)

if ser.is\_valid():

instance = ser.save()

print(instance.id, instance.get\_gender\_display(), instance.gender)

return Response(ser.data)

else:

return Response(ser.errors)

==============================方法2================================

from api.ext.hook import NbHookSerializer

class SbModelSerializer(NbHookSerializer, serializers.ModelSerializer):

class Meta:

model = models.NbUserInfo

fields = ["id", "name", "age", "gender"]

extra\_kwargs = {

"id": {"read\_only": True}

}

def nb\_gender(self, obj):

return obj.get\_gender\_display()

def nb\_name(self, obj):

return obj.get\_gender\_display()

class SbView(APIView):

def post(self, request, \*args, \*\*kwargs):

ser = SbModelSerializer(data=request.data)

if ser.is\_valid():

ser.save()

return Response(ser.data)

else:

return Response(ser.errors)