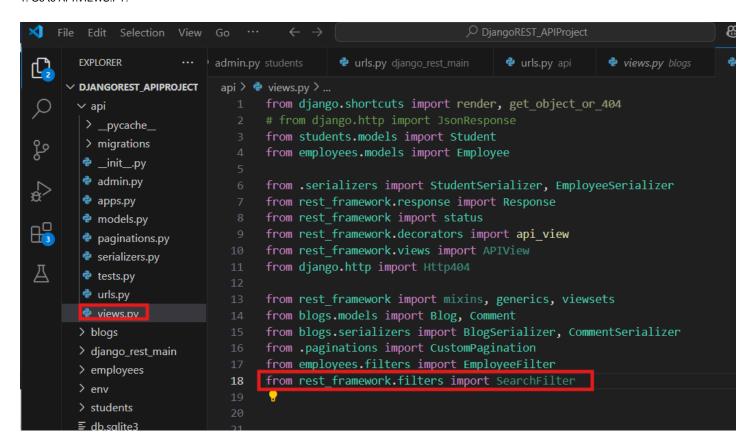
Topic: 16. DRF Searching

Speaker: Personal | Notebook: API Development using Django Framework



We can search through the database fields like BLOGS' title or comments.

1. Go to API\VIEWS.PY:



```
∠ DjangoREST_APIProject

       EXPLORER
                       ··· admin.py students
                                                 urls.py django_rest_main
                                                                            urls.py api
                                                                                            views.py

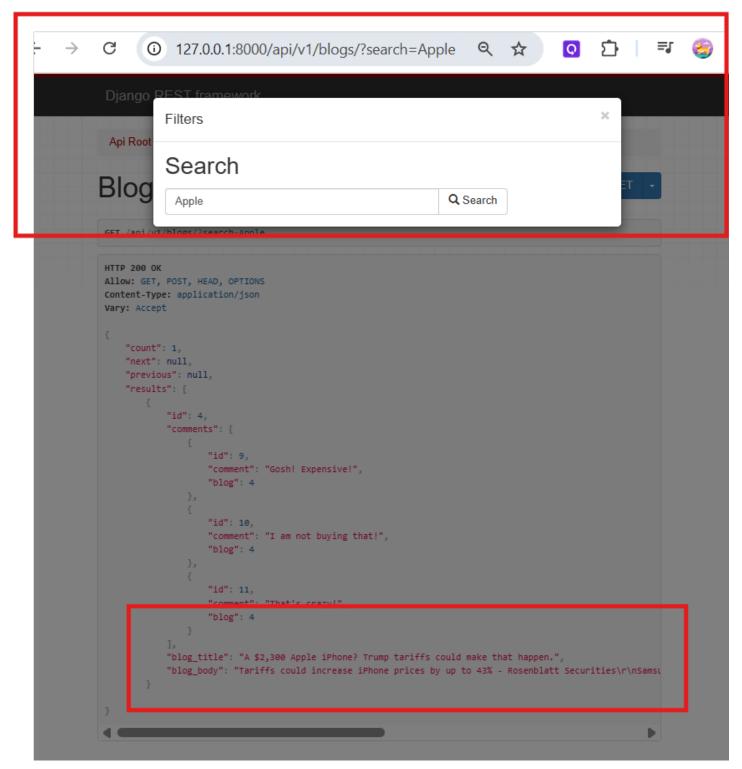
✓ DJANGOREST_APIPROJECT

                              api > 🕏 views.py > ધ CommentsView
                                     class EmployeeViewset(viewsets.ModelViewSet):

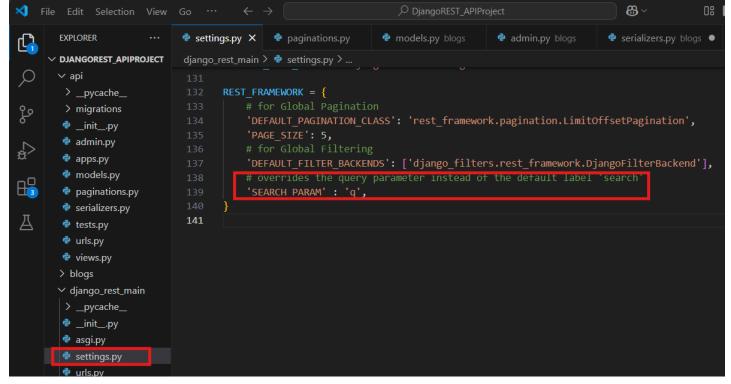
√ api

                                        # uses the customized / case-insensitive class by employee
        > _pycache_
                                        filterset_class = EmployeeFilter
        > migrations
       __init__.py
                                     # uses nested serializers
       admin.py
                                     class BlogsView(generics.ListCreateAPIView):
       apps.py
                                        queryset = Blog.objects.all()
       models.py
                                        serializer class = BlogSerializer
       paginations.py
                                        filter_backends = [SearchFilter]
       serializers.py
                                        search_fields = ['blog_title']
Д
       tests.py
                                     class CommentsView(generics.ListCreateAPIView):
       urls.py
                                        queryset = Comment.objects.all()
       views.py
                                        serializer_class = CommentSerializer
                              235
       > blogs
```

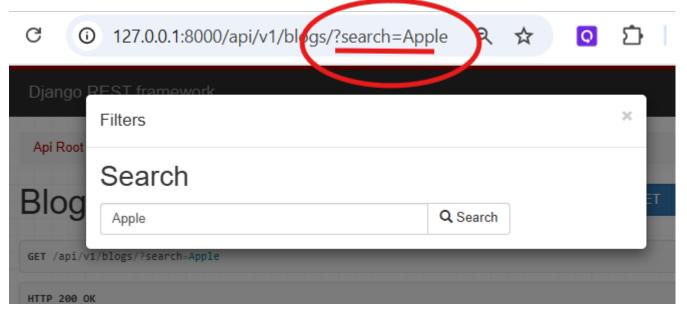
2. Now search thru BLOGS model:



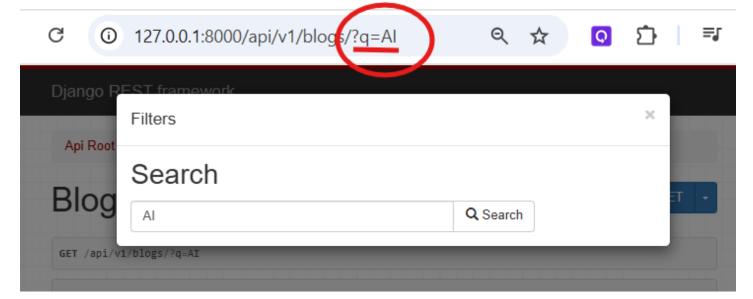
3. If you want to change the search keyword 'search' to 'q,' then update the SETTINGS.PY



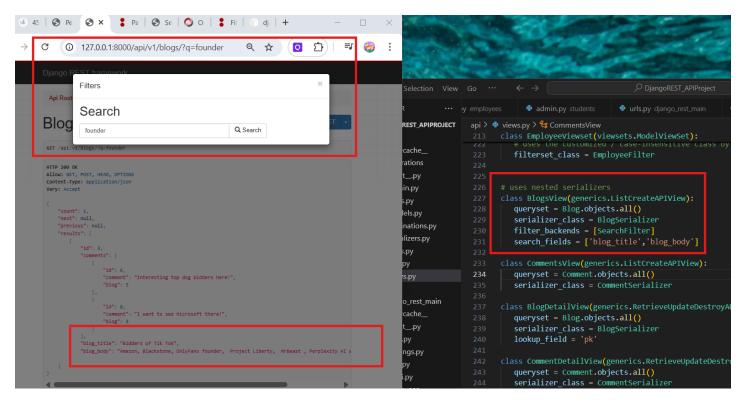
FROM:



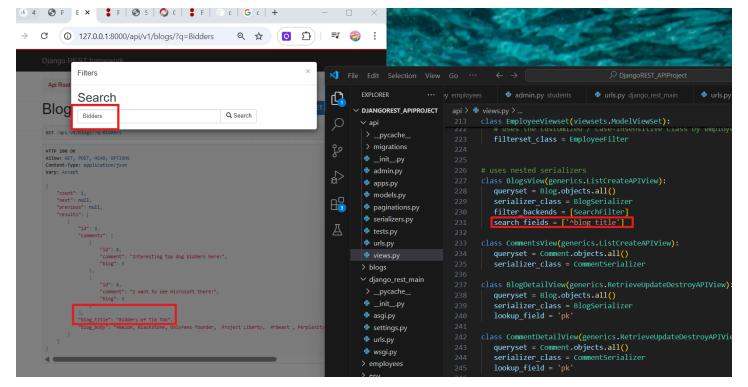
TO:



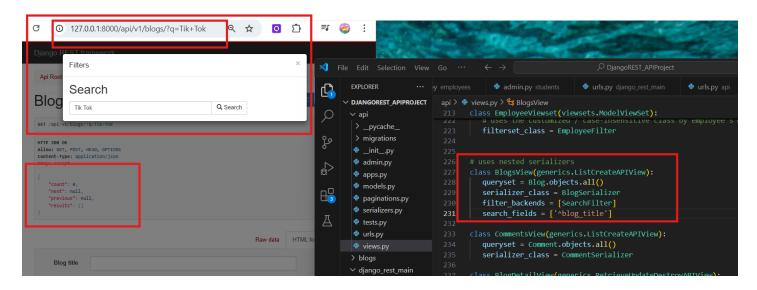
4. To search through the BLOG_BODY:



5. To search for a blog title that starts with a specific keyword, use the caret symbol ($^{\wedge}$).



But when you use a keyword, not the actual starting word, it won't show any result.



Copyright © Personal Digital Notebooks | By Rosilie | Date Printed: Dec. 14, 2025, 5:45 a.m.