## 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:

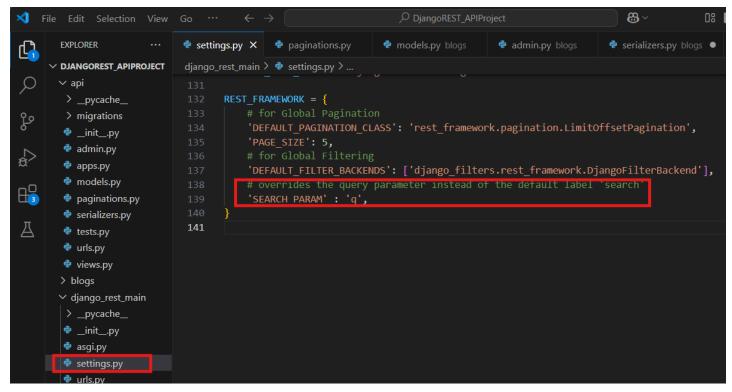
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	2 51093	236						

2. Now search thru BLOGS model:

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	Api Root Blog Apple Q Search	ат •
	<pre>HTTP 200 0K Allow: GET, POST, HEAD, OPTIONS ContentType: application/json Vary: Accept { "count": 1, "next": null, "previous": null, "results": [ { "id": 4, "comments": [ { "id": 9, "comments": "Gosh! Expensive!", "Dlog": 4 },</pre>	ities\r\nSamsı

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



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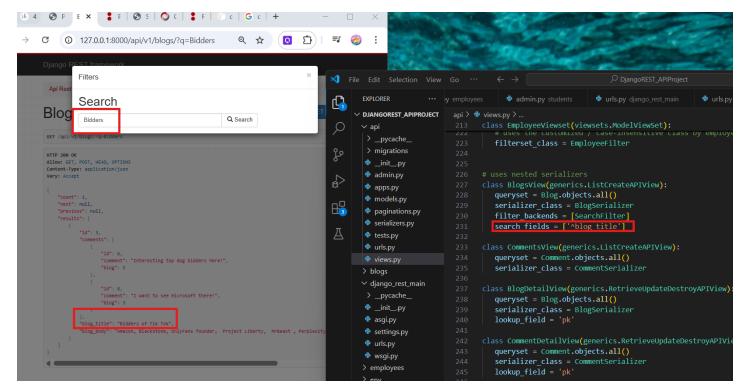
TO:

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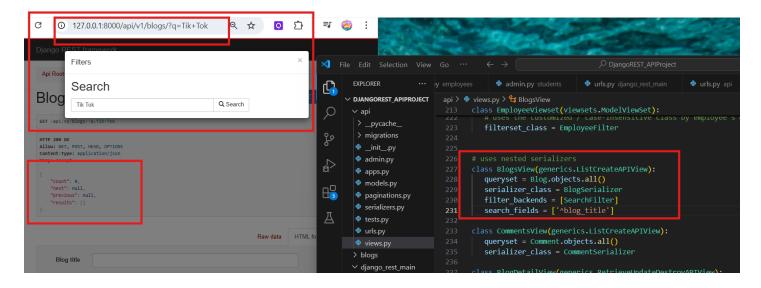
## 4. To search through the BLOG\_BODY:

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$\rightarrow$ C (i) 127.0.0.1:8000/api/v1/blogs/?q=founder	९ 🖈 🚺	ຽ)  ⊒	😂 :		5		
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НТТР 200 ОК				cache rations	223 224	<pre>filterset_class = Em</pre>	
<pre>Allow: 6f; POST, HEAD, OFICNS Content-Type: application/json Vary: Accept { "count": 1, "next": null, "previous": null, "results": [</pre>				tpy in.py s.py lels.py nations.py ulizers.py s.py	225 226 227 228 229 230 231 231	<pre># uses nested serialize class BlogsView(generic     queryset = Blog.obje     serializer_class = B     filter_backends = [S     search_fields = ['bl </pre>	s.ListCreateAPIView): cts.all() logSerializer
( "id": 6.				ру			rics.ListCreateAPIView):
"comment": "Interesting top dog bidders here!", "blog": 3				's.py	<b>234</b> 235	<pre>queryset = Comment.o serializer class = C</pre>	
), ( "id": 8, "comment": "I want to see Microsoft there!", "blog": 3 , "blog_title": "Bidders of Tik Tok", "blog_title": "Amazon, Blackstone, OnlyFans founder, Pr	roject Liberty, MrBeast , P	erplexity AI a		o_rest_main cache tpy .py ngs.py		class BlogDetailView(ge queryset = Blog.obje serializer_class = B lookup_field = 'pk'	nerics.RetrieveUpdateDestroyA cts.all() logSerializer
		•		ру і.ру	242 243 244	<pre>class CommentDetailView    queryset = Comment.o    serializer_class = C</pre>	

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



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



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