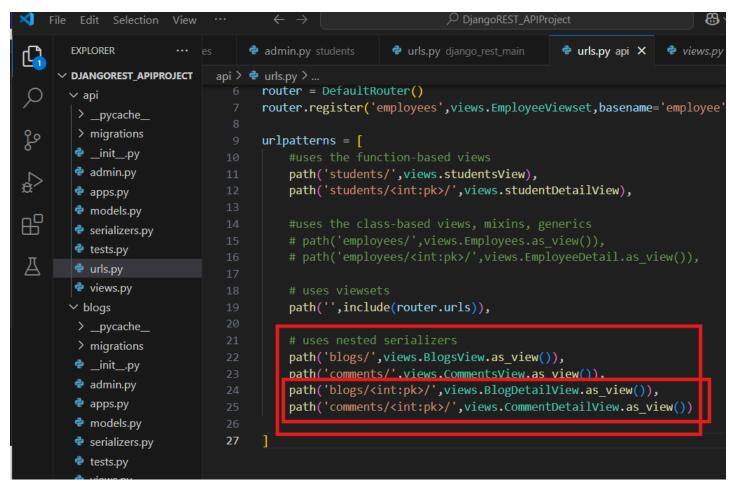
## **Topic: 13. Nested Serializers for Related Models Part 2**

## Speaker: Personal | Notebook: API Development using Django Framework

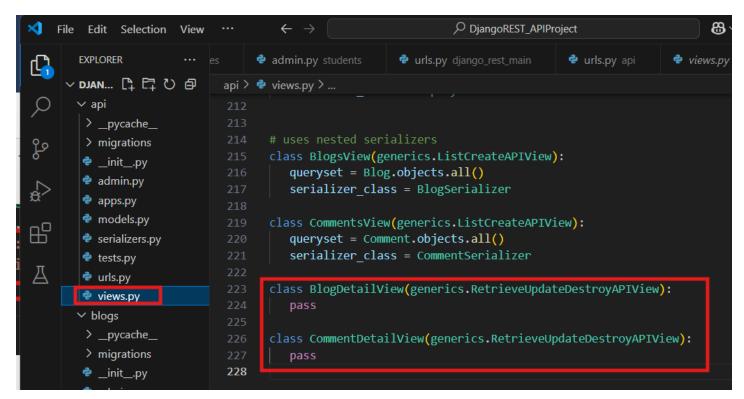


In this post, we use the primary key to allow other CRUD operations.

1. So we update the API\URLS.PY to include the PK-based operations.



2. Update the API\VIEWS.PY



```
Then update as:
```

× 1	File <b>Edit</b> Selection View		$\leftarrow \rightarrow$	✓ DjangoREST_APIP	roject	8				
G	EXPLORER ····		🕏 admin.py students	🕏 urls.py django_rest_main	🕏 urls.py api	🕏 views.py				
	$\vee$ DJANGOREST_APIPROJECT	api >	🕏 views.py > 😫 Comme	ntDetailView						
Q	∨ api	212								
1	>pycache	213								
go	> migrations	214	<pre># uses nested ser</pre>							
õ	🕏initpy	215		enerics.ListCreateAPIView	):					
$\sim$	🕏 admin.py	216 217		g.objects.all()						
a ₿	🕏 apps.py	217								
	🕏 models.py	219	class CommentsVie	w(generics.ListCreateAPIV	iew):					
₿	🗬 serializers.py	220		ment.objects.all()						
	🗬 tests.py	221	serializer_cla	ss = CommentSerializer						
Д	🗬 urls.py	222				-				
	🇬 views.py	223		iew(generics.RetrieveUpda	teDestroyAPIView	):				
	∨ blogs	224 225		g.objects.all() ss = BlogSerializer						
	>pycache	225	lookup field =							
	> migrations	227								
	🕏initpy	228	class CommentDeta	ilView <mark>(</mark> generics.RetrieveU	pdateDestroyAPIV	iew):				
	🗬 admin.py	229	pass							
	🅏 apps.py	230								

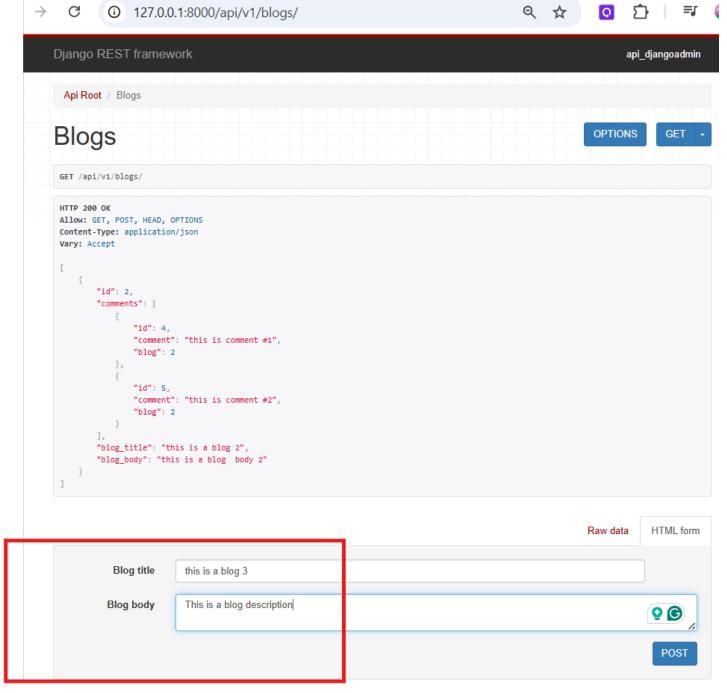
3. Now view the specific path of blog post # 1:

→ C ③ 127.0.0	.1:8000/api/v1/blogs/1/	Q 🛧	<u>o</u> É	}   =J 🌜
ызануо керт нашем	UIK		api_	djangoadmin
Api Root / Blogs / Blog				
Blog Detail		DELETE	OPTIONS	GET +
GET /api/v1/blogs/1/				
HTTP 200 OK Allow: GET, PUT, PATCH, D Content-Type: application Vary: Accept				
{     "id": 1,     "comments": [         {             "id": 1,             "id": 1,             "id": 1,				
"comment": "t "blog": 1 }, {	his is comment #1",			
"id": 2, "comment": "t "blog": 1 }, {	his is comment #2",			
"id": 3, "comment": "t "blog": 1 } ],	his is comment #3",			
"blog_title": "this i "blog_body": "this is }				
			Raw data	HTML form
Blog title	this is a blog 1			
Blog body	this is a blog body 1			4
				PUT

Now, you can update and delete this record.

C () 127.0.0.1:8000/api/v1/blogs/1/	ৎ ☆ ፬ ট । ₹
Django REST framework	api_djangoadmin
Api Root / Blogs / Blog Detail	
Blog Detail	DELETE OPTIONS GET -
DELETE /api/v1/blogs/1/	
<pre>HTTP 404 Not Found Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS Content-Type: application/json Varv: Accept { "detail": "No Blog matches the given query." }</pre>	
	Raw data HTML form
Blog title	
Blog body	
	PUT

You can also add a new post here:



Then you can reload your page:

## C (i) 127.0.0.1:8000/api/v1/blogs/ $\rightarrow$

Django REST framework		api_dja	ngoadmi
Api Root / Blogs			
Blogs		OPTIONS	GET
GET /api/v1/blogs/			
<pre>HTTP 200 OK Allow: GET, POST, HEAD, OPTIONS Content-Type: application/json Vary: Accept [</pre>			
{     "id": 3,     "comments": [],     "blog_title": "this is a blog 3",     "blog_body": "This is a blog description"			

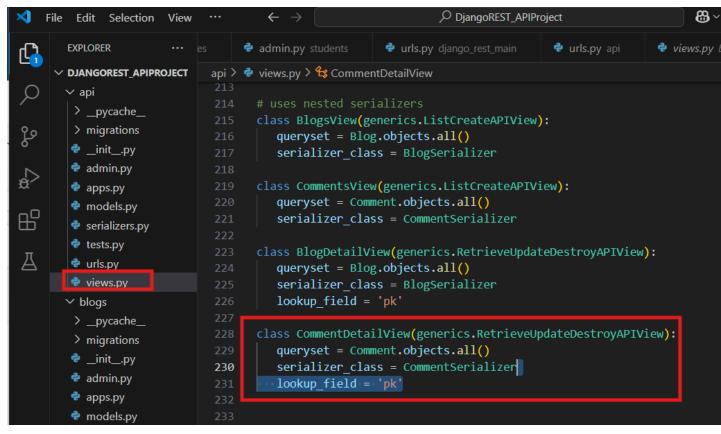
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	Raw data	HTML form
Blog title		
Blog body		
		POST

4. To allow CRUD operations on Comment model, then we update the class CommentDetailView:



5. To view the COMMENTS path:

→ C ① 127.0.0.1:8000/api/v1/comments/	Q	☆	<b>Q</b> {		≡ſ	8
Django REST framework			ар	i_djang	joadmin	
Api Root / Comments						
Comments			OPTIONS		GET -	
GET /api/v1/comments/						
<pre>HTTP 200 OK Allow: GET, POST, HEAD, OPTIONS Content-Type: application/json Vary: Accept [</pre>						
			Raw data	HTM	ML form	

Comment	This is a comment #1	
		li
Blog	this is a blog 3	~
		POST

## 6. To delete the specific comment:

→ C ()	127.0.0	.1:8000/api/v1/comments/	7/	Q	. ☆	۵ ۵	]   ₹	6
Django RES	ST framew	vork				api	_djangoadmin	
Api Root / C	Comments /	Comment Detail						
Comm	nent l	Detail		D	ELETE	OPTIONS	GET	
GET /api/v1/c	comments/7/							
Content-Type: Vary: Accept { "id": 7,	application							
						Raw data	HTML form	
Co	omment	test comment					1.	
	Blog	this is a blog 3					~	
							PUT	

7. View the deleted record:

→ C ① 127.0.0	.1:8000/api/v1/comments/7/	९ 🕁	<mark>0</mark> ۲	]   ≡1	8
Django kesi iramew	οικ		api	_djangoadmin	
Api Root / Comments /	Comment Detail				
Comment I	Detail	DELETE	OPTIONS	GET	
GET /api/v1/comments/7/					
HTTP 404 Not Found Allow: GET, PUT, PATCH, D Content-Type: application Vary: Accept {					
			Raw data	HTML form	
Comment Blog	this is a blog 2				
				PUT	

8.

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