Django REST framework: Understanding View, APIView, GenericAPIView, ViewSets and ModelMixins

Function based views

Django

request.method == 'GET'
request.method == 'POST'
request.method == 'PUT'
request.method == 'DELETE'

Django REST Framework

views.decoratos.api_view
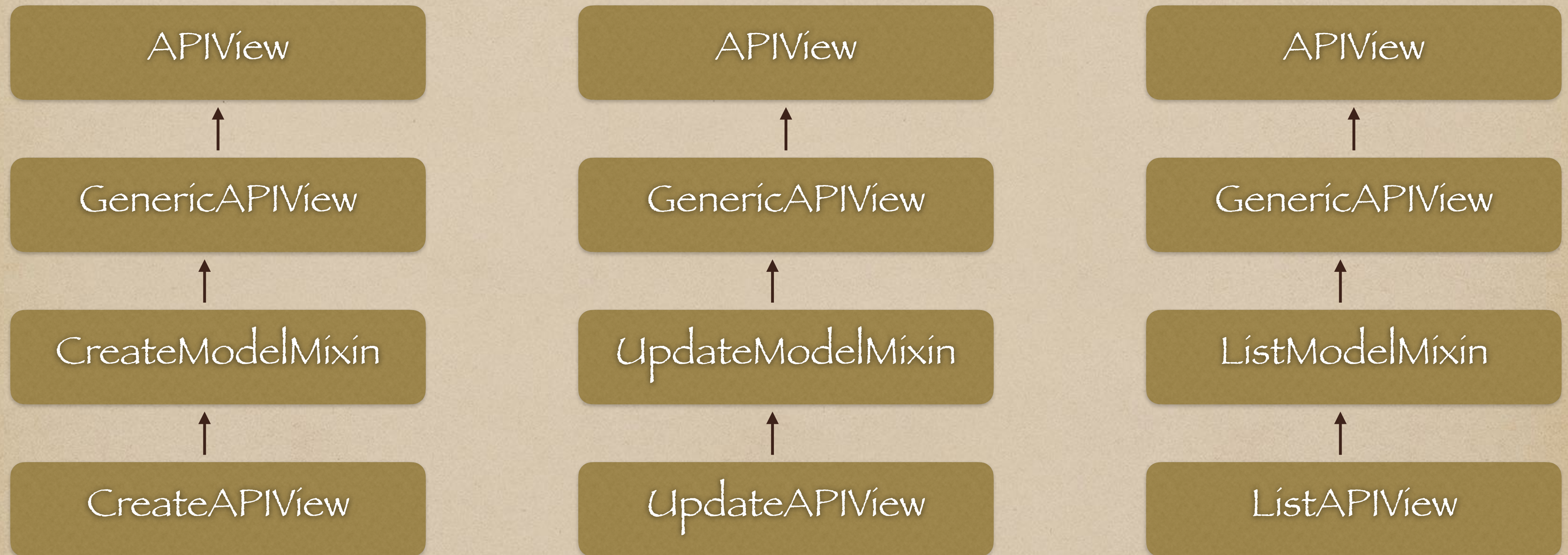@api_view(['GET', 'POST'])

Class based views

Django

views.generic.View

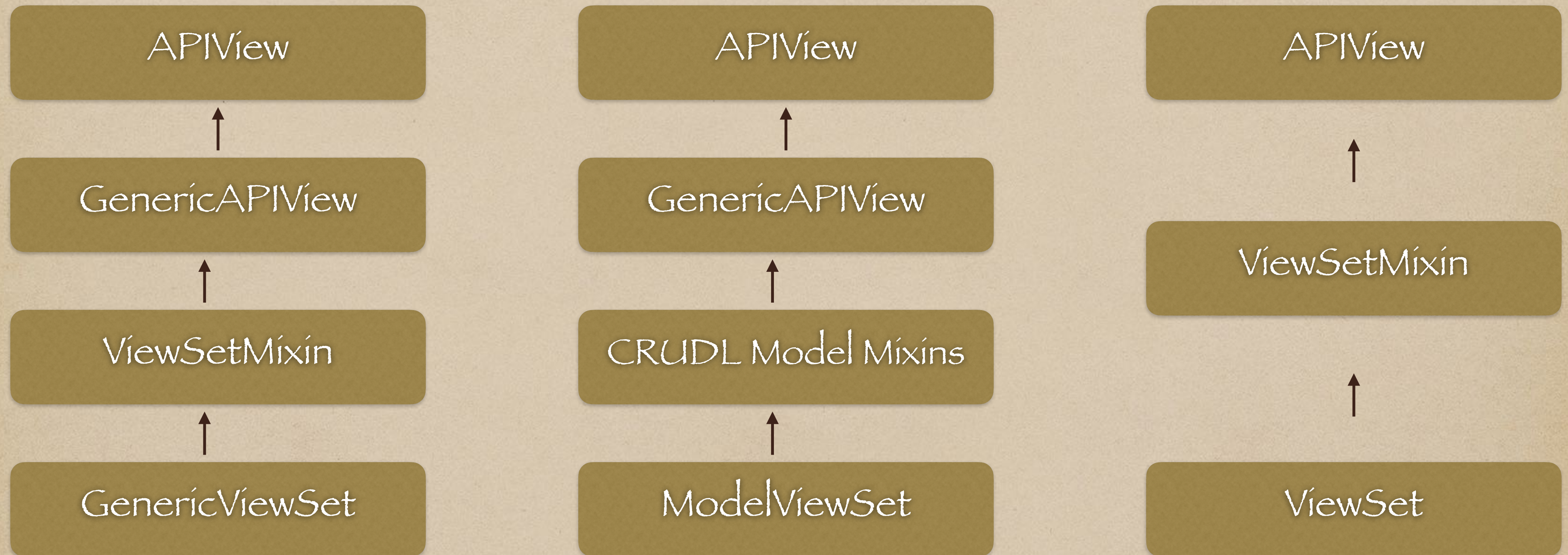**Django REST Framework**

views.APIView

generics. GenericAPIView

generics.CreateAPIView

generics. UpdateAPIView

generics.RetrieveAPIView

generics.ListAPIView

generics.DestroyAPIView

generics. RetrieveUpdateDestroyAPIView

generics. RetrieveDestroyAPIView

generics. ListCreateAPIView

Module resolution order(MRO) of CreateAPIView, UopdateAPIView, ListAPIView of REST Framework

Module resolution order(MRO) of ViewSets

APIView

↑

GenericAPIView

↑

ViewSetMixin

↑

GenericViewSet

APIView

↑

GenericAPIView

↑

CRUDL Model Mixins

↑

ModelViewSet

APIView

↑

ViewSetMixin

↑

ViewSet

Thank you

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