# Rest and Rest API (V: 3)

Rest is an architectural design guideline where Restful or Rest API is complete API which developed using rest.

A diagram of a web application

Description automatically generated

A screenshot of a computer

Description automatically generated

A black background with text and words

Description automatically generated

A black screen with white text

Description automatically generated

# Serializer and Serialization (V: 6)

A black screen with white text

Description automatically generated

A black background with white text and red text

Description automatically generated

A black and white text on a black background

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A black screen with white text

Description automatically generated

A black and white text on a black background

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Description automatically generated

A black and white screen with white text

Description automatically generated

A computer screen shot of a computer

Description automatically generated

# Deserialization (V: 8)

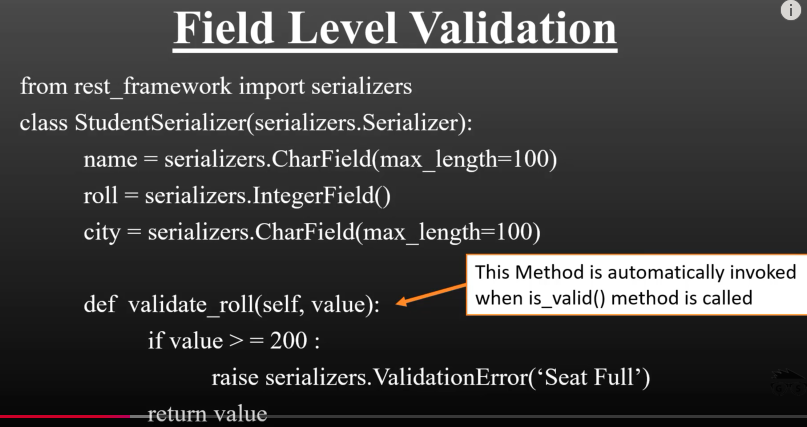
A diagram of a computer

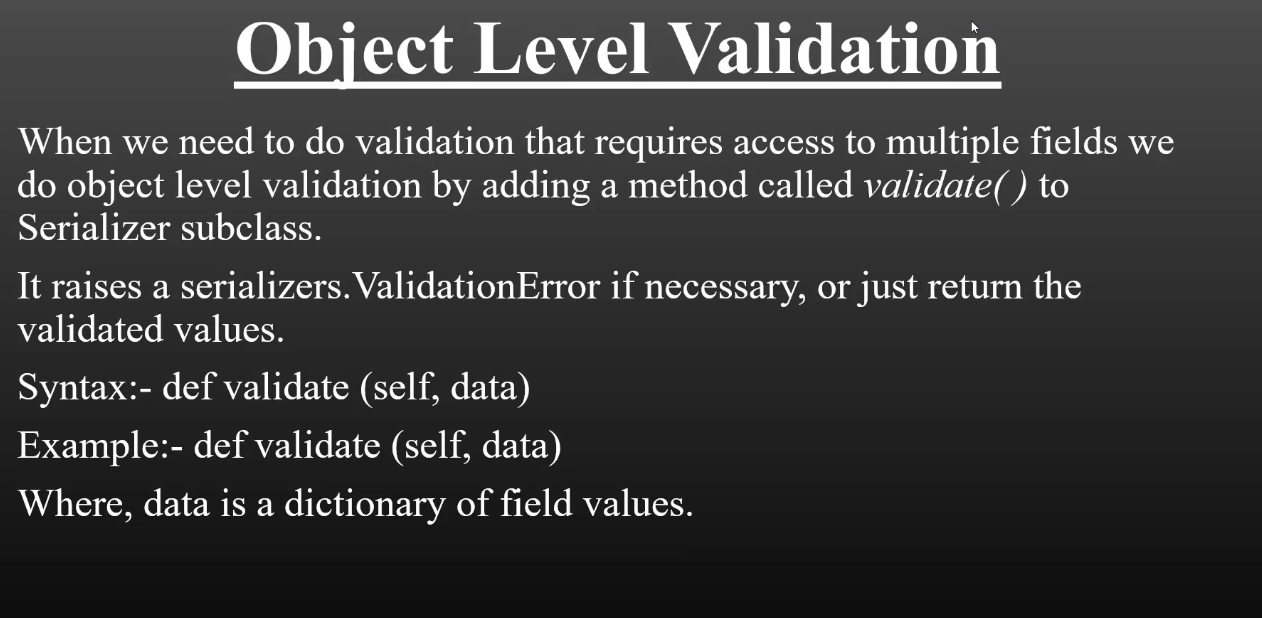
Description automatically generated

# Validation (V: 10)

A black and white text on a black background

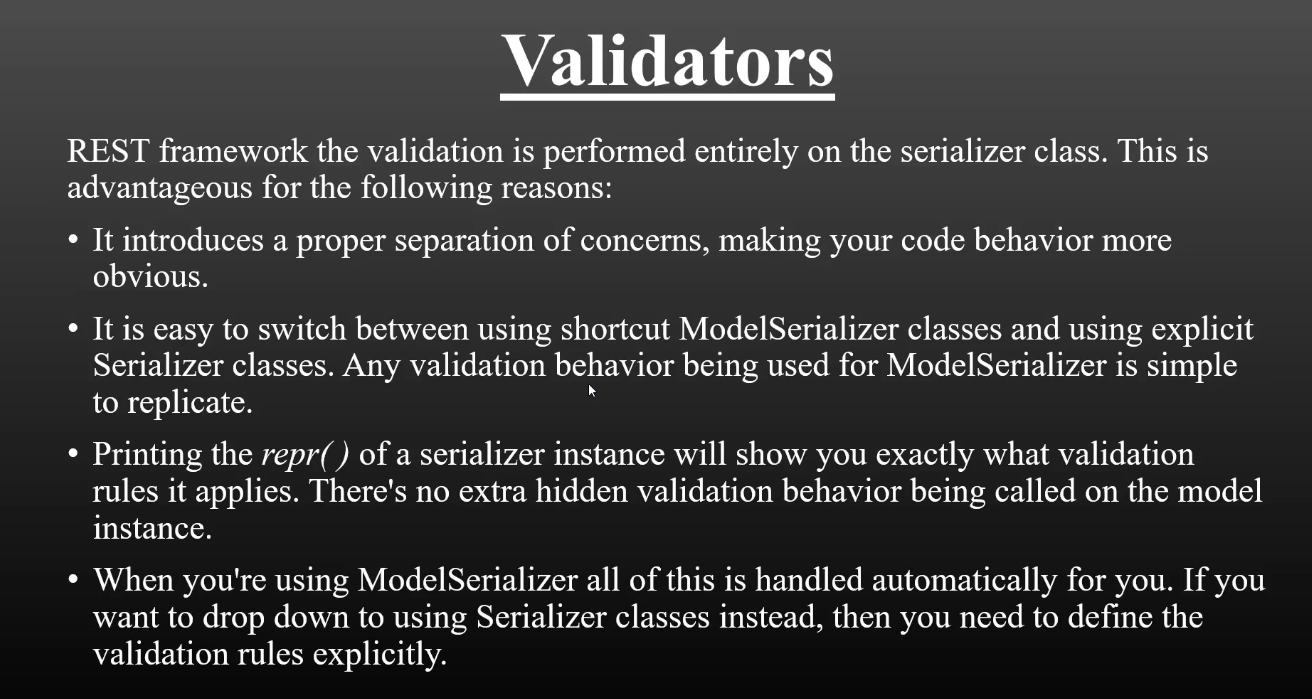
Description automatically generated





A black and white text with white text

Description automatically generated



A black and white text on a black background

Description automatically generated

Priority of checking validation (High to Low):

1. Validators
2. Field level validation
3. Object level validation

**Resource:**

<https://www.youtube.com/watch?v=9fB6fPNq6sc&list=PLbGui_ZYuhijTKyrlu-0g5GcP9nUp_HlN&index=10>

# Model Serializer (V: 11)

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Description automatically generated

A black screen with white text

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First one for single value

Second example for Multiple value

A screenshot of a computer program

Description automatically generated

Another way of restriction:

A screen shot of a computer

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* **Validation Process will be same for both ModeSerialization and Serialization**

# Function Based api\_view (12)

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A black screen with white text

Description automatically generated



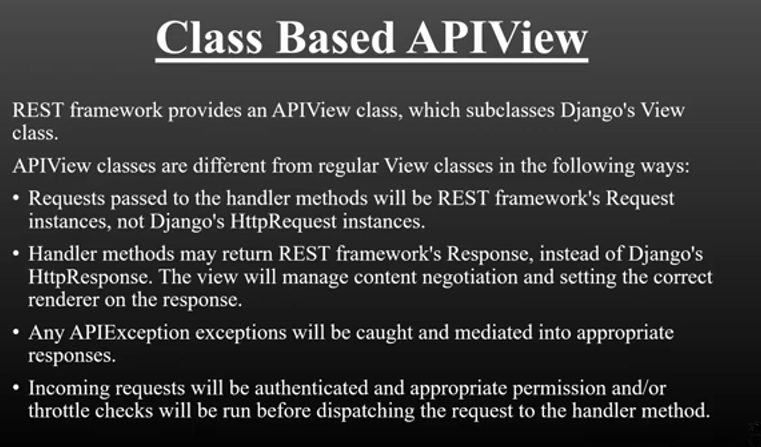
A black screen with white text

Description automatically generated

A black and white text on a black background

Description automatically generated

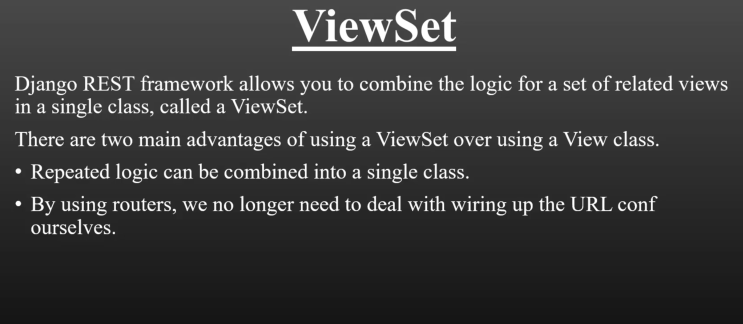
# Class Based API View (13)



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Description automatically generated

# Viewset (16)

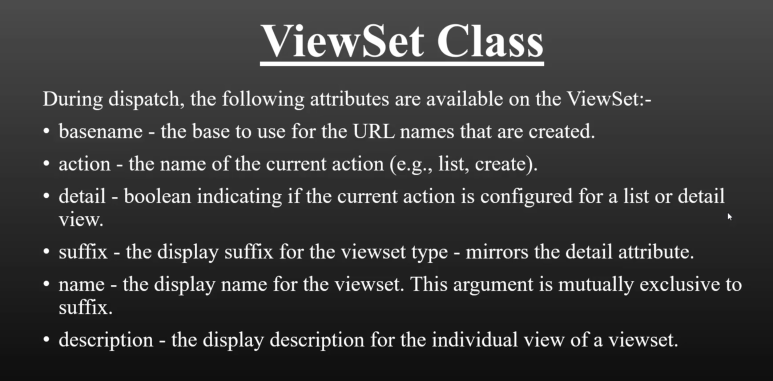


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Description automatically generated

A black background with white text

Description automatically generated



A black background with orange text

Description automatically generated

# ModelViewSet Class (17)

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