**Generic views and ViewSets in DRF**

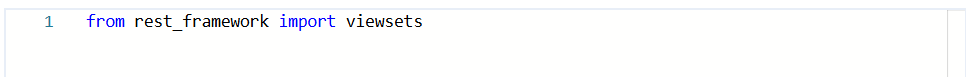
**Introduction**

DRF comes with many generic views and **ViewSet** to speed up API development. When you use these classes, you don’t need to start from scratch and using them will reduce the code in your API project. In this reading, you will learn about different types of generic views and **ViewSet** as well as their purposes and benefits.

**ViewSets**

**ViewSets** are simple class-based views, but they come with benefits. There are a few **ViewSets** classes available in DRF that you can use to quickly scaffold a functioning API CRUD project. You can also provide permission classes and throttle classes to allow authenticated API calls and rate limiting.

To use these classes, you must import the **viewsets** module from the **rest\_framework**:



**ViewSet**

There are a few **ViewSet** classes but the foundation is **ViewSet** and it extends the **APIView**. When your class-based views extend a **ViewSet** you get browsable API views out of the box. Except for that, every **ViewSet** comes with a method naming convention for easier one-line routing that saves a lot of time.

When a **ViewSet** is used to deal with a collection of resources, you can write your business logic in **list()** and **create()** methods inside this class.

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