

# How to GET Mapped ENUM Values in JSON using REST API

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I hit entity in which **one attribute is mapped as ENUM** for that attribute **JSON should return their value** instead of name specify in ENUM class

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You can create a separate method annotated with the [MetaProperty](#) annotation in your entity. After that in JSON you'll be able to get the plain enum value.

Suppose, you have a enum:

```
public enum Gender implements EnumClass<String> {  
  
    MALE("M"),  
    FEMALE("F");  
  
    private String id;
```

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```

    Gender(String value) {
        this.id = value;
    }

    public String getId() {
        return id;
    }

    @Nullable
    public static Gender fromId(String id) {
        for (Gender at : Gender.values()) {
            if (at.getId().equals(id)) {
                return at;
            }
        }
        return null;
    }
}

```

The class that uses the enum:

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```

@NamePattern("%s|name")
@Table(name = "FILTERCAPTION_EMPLOYEE")
@Entity(name = "filtercaption$Employee")
public class Employee extends StandardEntity {
    private static final long serialVersionUID = -2211979749197500

```

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```
@Column(name = "NAME")
protected String name;

@Column(name = "GENDER")
protected String gender;

public void setName(String name) {
    this.name = name;
}

public String getName() {
    return name;
}

public void setGender(Gender gender) {
    this.gender = gender == null ? null : gender.getId();
}

public Gender getGender() {
    return gender == null ? null : Gender.fromId(gender);
}

@MetaProperty
public String getPlainGenderValue() {
    return gender;
}
```

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As you see there is a `getPlainGenderValue()` method in the class that returns an enum value. In the JSON you'll have the `plainGenderValue` attribute:

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```
{
  "_entityName": "demo$Employee",
  "_instanceName": "Alice",
  "id": "5c1df6f9-4535-a19c-5698-e0d6d2c12e54",
  "gender": "FEMALE",
  "name": "Alice",
  "version": 1,
  "plainGenderValue": "F"
}
```

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