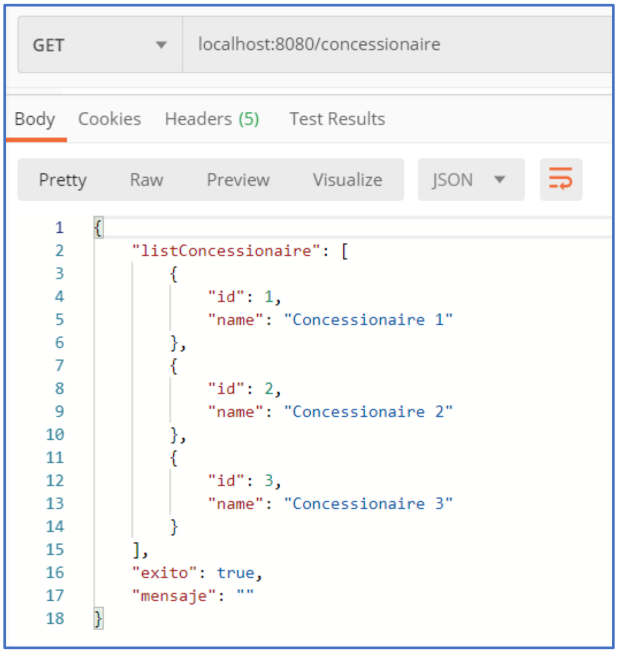
5. Capturas Postman

Dado que habilite tantos end points, solo agregare las capturas de pantalla de los relacionados a **concessionaire** y a **device**, ya que con estos dos se puede evidenciar tanto el CRUD de una tabla con OneToMany (Concessionarire – Bus) y ManyToOne(Device – Bus, Device – DeviceType).

Concessionaire:

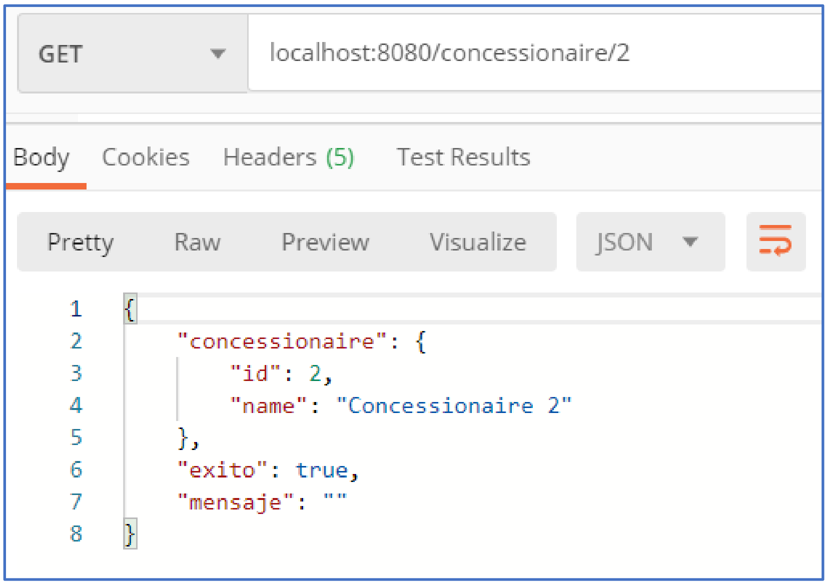
Primer Get, lista los concesionarios.



GET localhost:8080/concessionaire

```
{
    "listConcessionaire": [
        {
            "id": 1,
            "name": "Concessionaire 1"
        },
        {
            "id": 2,
            "name": "Concessionaire 2"
        },
        {
            "id": 3,
            "name": "Concessionaire 3"
        }
    ],
    "exito": true,
    "mensaje": ""
}
```

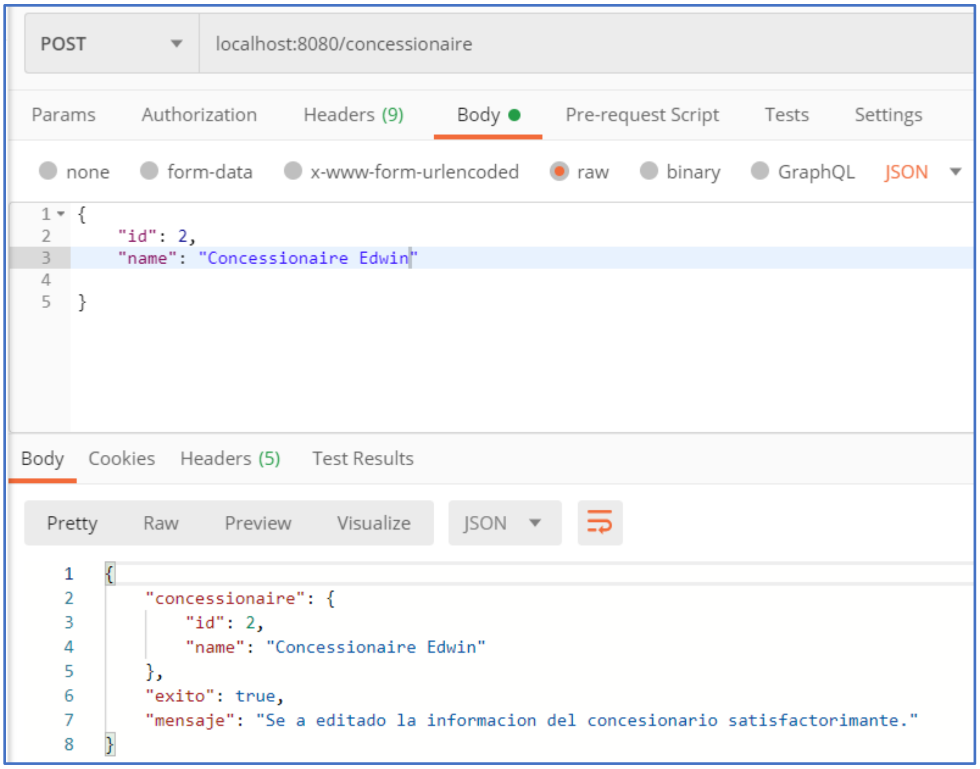
Segundo Get, Trae un concesionario en específico, en este caso el número 2.



GET localhost:8080/concessionaire/2

```
{
    "concessionaire": {
        "id": 2,
        "name": "Concessionaire 2"
    },
    "exito": true,
    "mensaje": ""
}
```

Primer Post, para editarlo, y ponerle el nombre de “Concessionaire Edwin”.



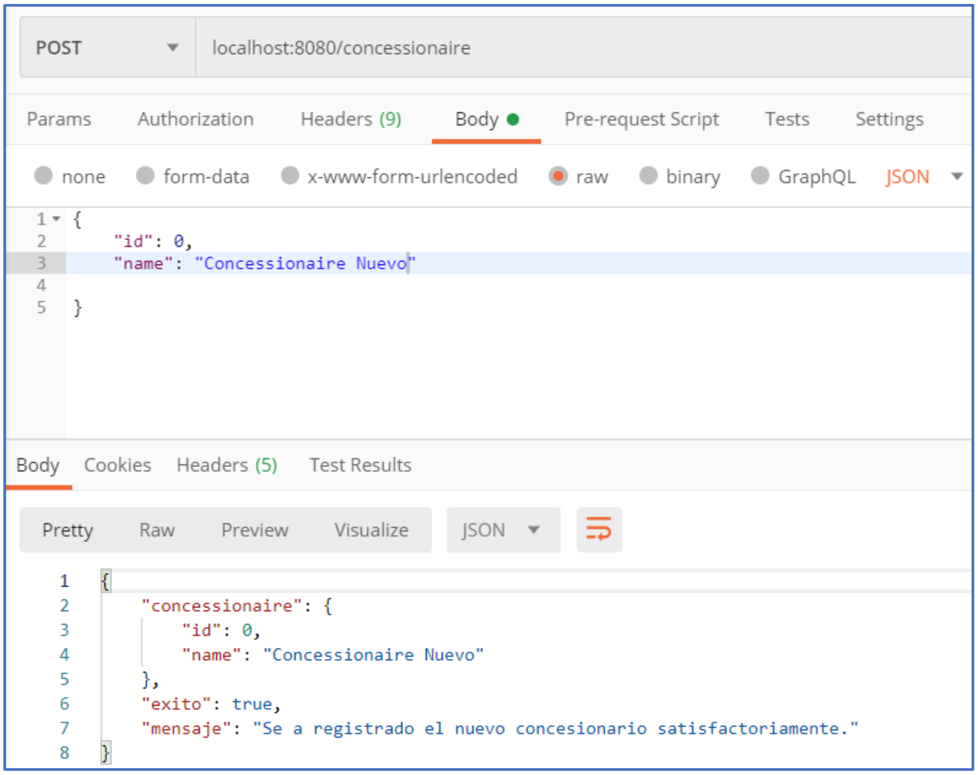
POST localhost:8080/concessionaire

```
{
    "id": 2,
    "name": "Concessionaire Edwin"

}
```

```
{
    "concessionaire": {
        "id": 2,
        "name": "Concessionaire Edwin"
    },
    "exito": true,
    "mensaje": "Se a editado la informacion del concesionario satisfactorimante."
}
```

Segundo Post, para agregar uno nuevo.



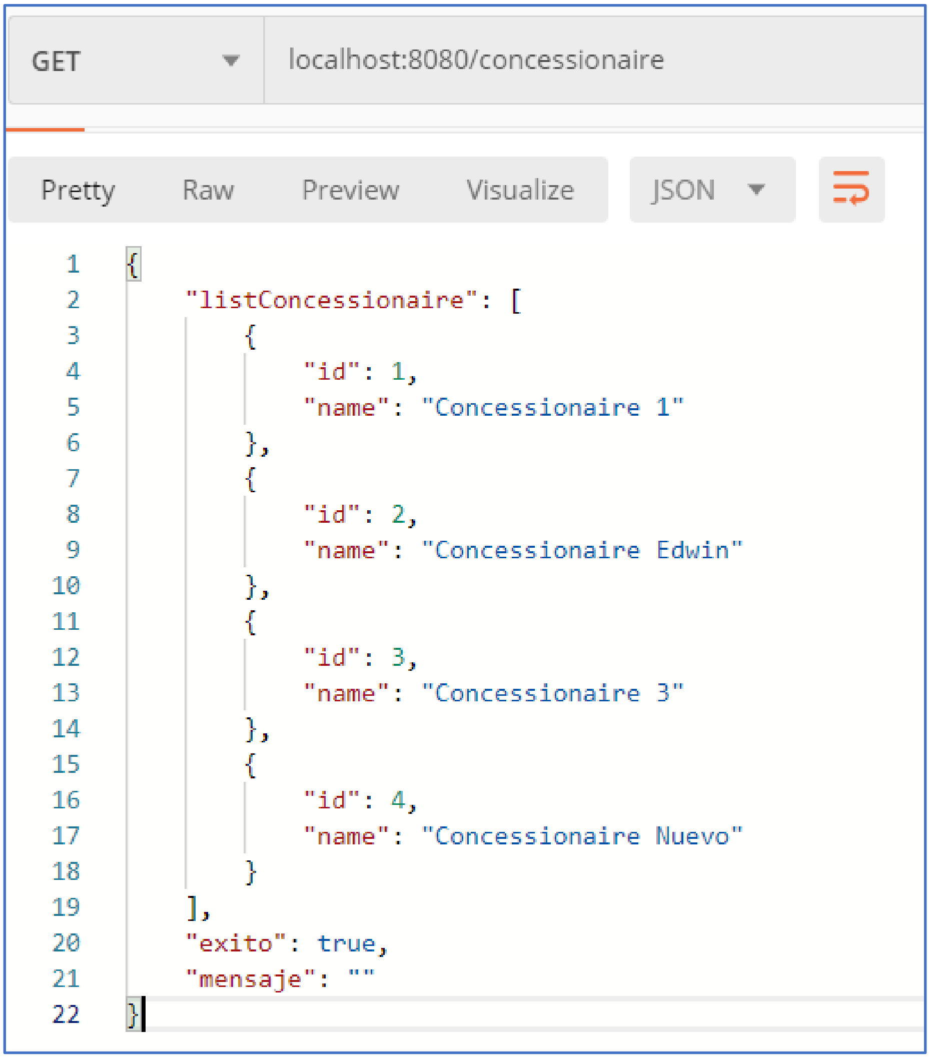
POST localhost:8080/concessionaire

```
{
    "id": 0,
    "name": "Concessionaire Nuevo"

}
```

```
{
    "concessionaire": {
        "id": 0,
        "name": "Concessionaire Nuevo"
    },
    "exito": true,
    "mensaje": "Se a registrado el nuevo concesionario satisfactoriamente."
}
```

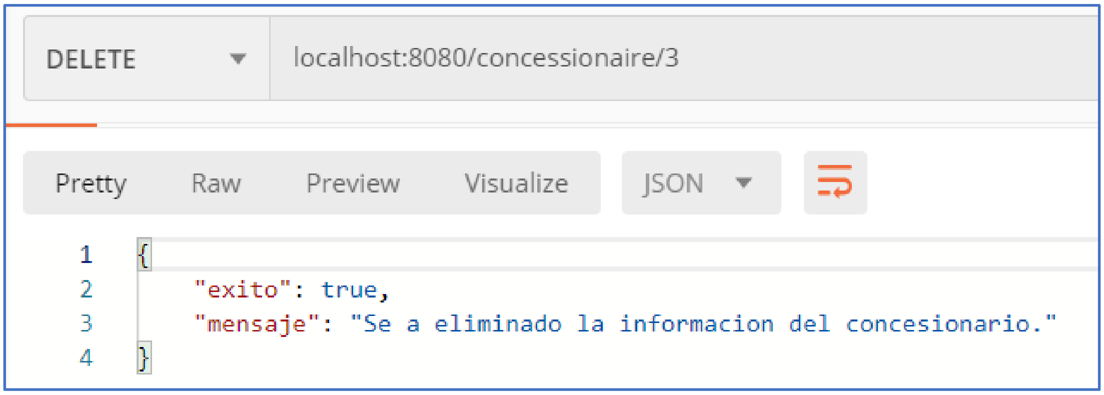
Estos lo podemos validar haciendo nuevamente un get list



GET localhost:8080/concessionaire

```
{
    "listConcessionaire": [
        {
            "id": 1,
            "name": "Concessionaire 1"
        },
        {
            "id": 2,
            "name": "Concessionaire Edwin"
        },
        {
            "id": 3,
            "name": "Concessionaire 3"
        },
        {
            "id": 4,
            "name": "Concessionaire Nuevo"
        }
    ],
    "exito": true,
    "mensaje": ""
}
```

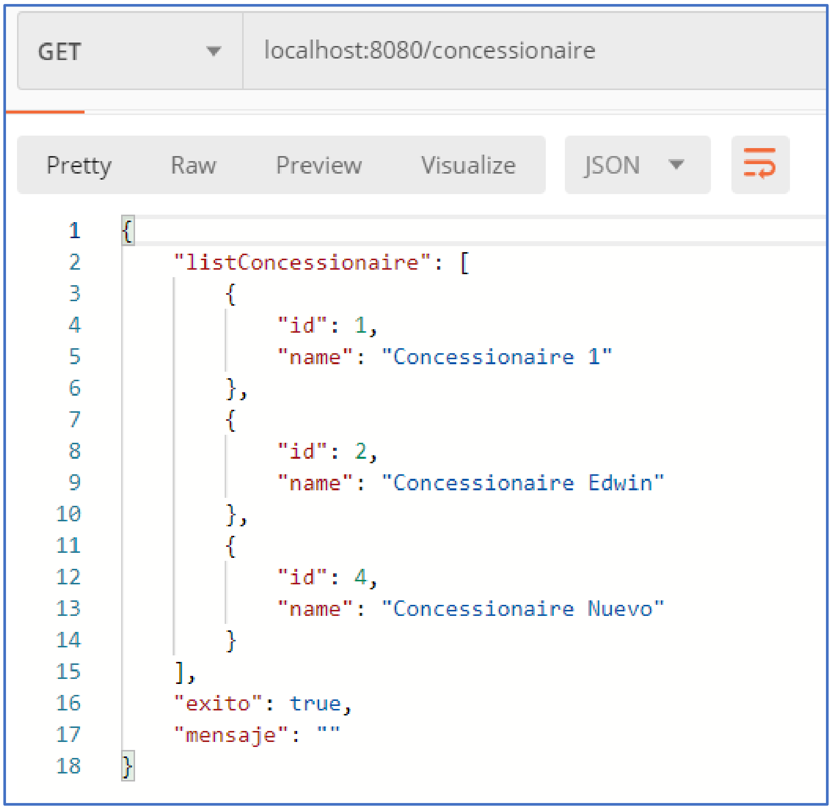
Ahora haremos un Delete, del concesionario 3.



DELETE localhost:8080/concessionaire/3

```
{
    "exito": true,
    "mensaje": "Se a eliminado la informacion del concesionario."
}
```

Y lo comprobamos con el get de la lista nuevamente

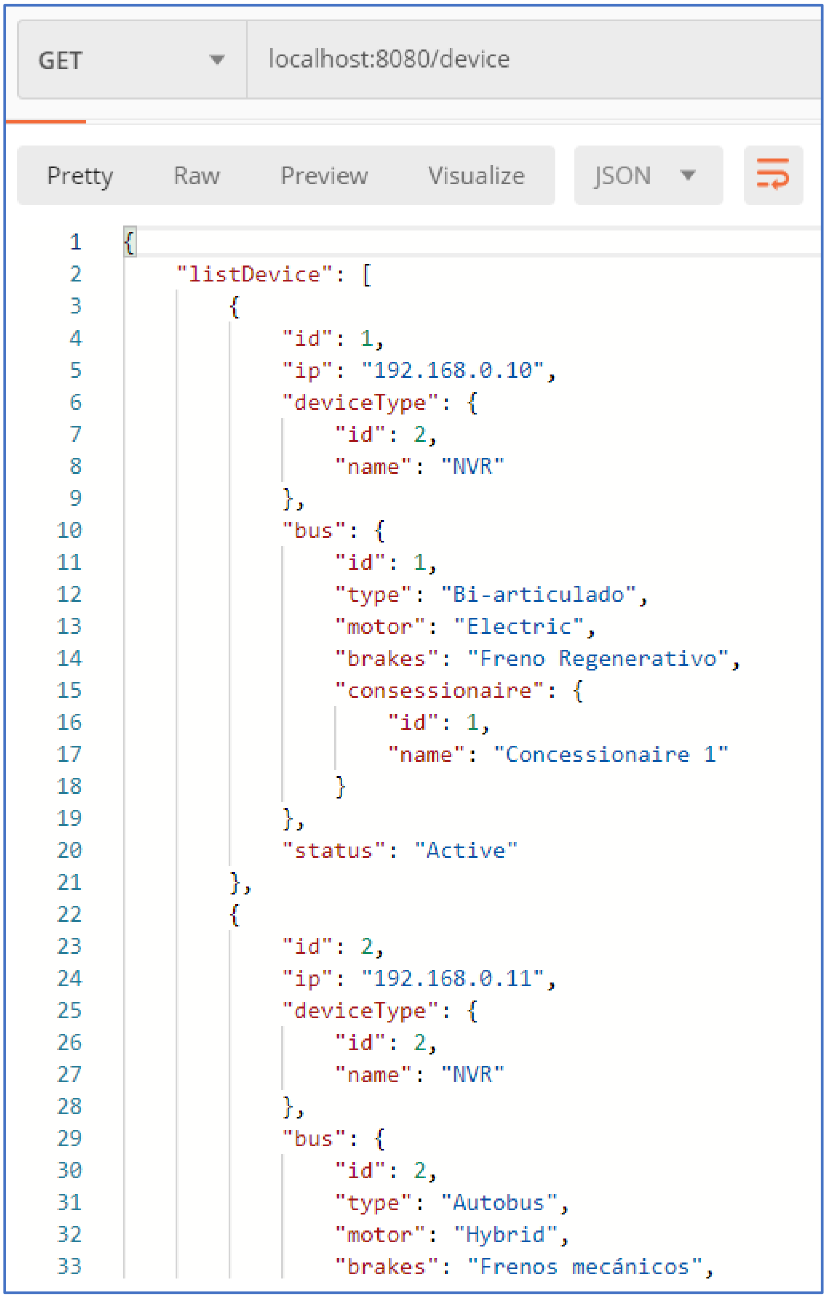


GET localhost:8080/concessionaire

```
{
    "listConcessionaire": [
        {
            "id": 1,
            "name": "Concessionaire 1"
        },
        {
            "id": 2,
            "name": "Concessionaire Edwin"
        },
        {
            "id": 4,
            "name": "Concessionaire Nuevo"
        }
    ],
    "exito": true,
    "mensaje": ""
}
```

Device:

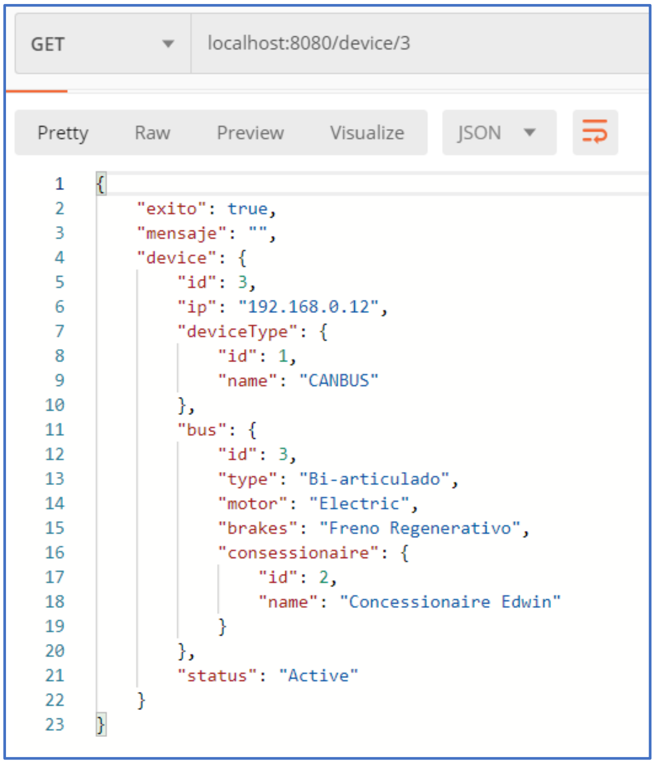
Para esta haremos el mismo proceso, mas el consumo del end point para trar la lista de “Device” para un bus especifico.



localhost:8080/device

```
{
    "listDevice": [
        {
            "id": 1,
            "ip": "192.168.0.10",
            "deviceType": {
                "id": 2,
                "name": "NVR"
            },
            "bus": {
                "id": 1,
                "type": "Bi-articulado",
                "motor": "Electric",
                "brakes": "Freno Regenerativo",
                "consessionaire": {
                    "id": 1,
                    "name": "Concessionaire 1"
                }
            },
            "status": "Active"
        },
        {
            "id": 2,
            "ip": "192.168.0.11",
            "deviceType": {
                "id": 2,
                "name": "NVR"
            },
            "bus": {
                "id": 2,
                "type": "Autobus",
                "motor": "Hybrid",
                "brakes": "Frenos mecánicos",
```

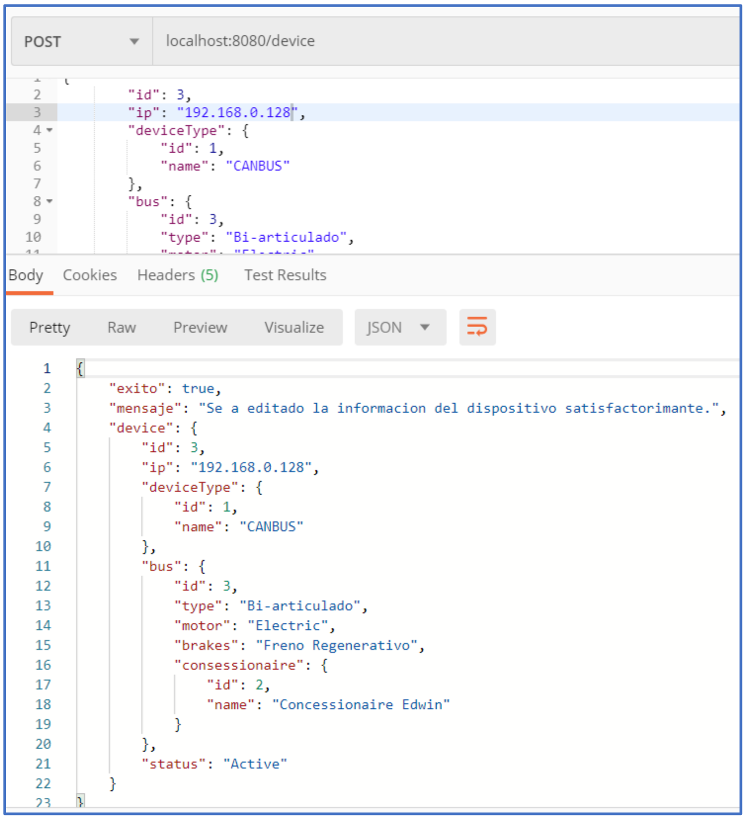
Ahora preguntamos por uno en específico, en este caso el “3”



GET localhost:8080/device/3

```
{
    "exito": true,
    "mensaje": "",
    "device": {
        "id": 3,
        "ip": "192.168.0.12",
        "deviceType": {
            "id": 1,
            "name": "CANBUS"
        },
        "bus": {
            "id": 3,
            "type": "Bi-articulado",
            "motor": "Electric",
            "brakes": "Freno Regenerativo",
            "consessionaire": {
                "id": 2,
                "name": "Concessionaire Edwin"
            }
        },
        "status": "Active"
    }
}
```

Ahora le moficaremos la ip.

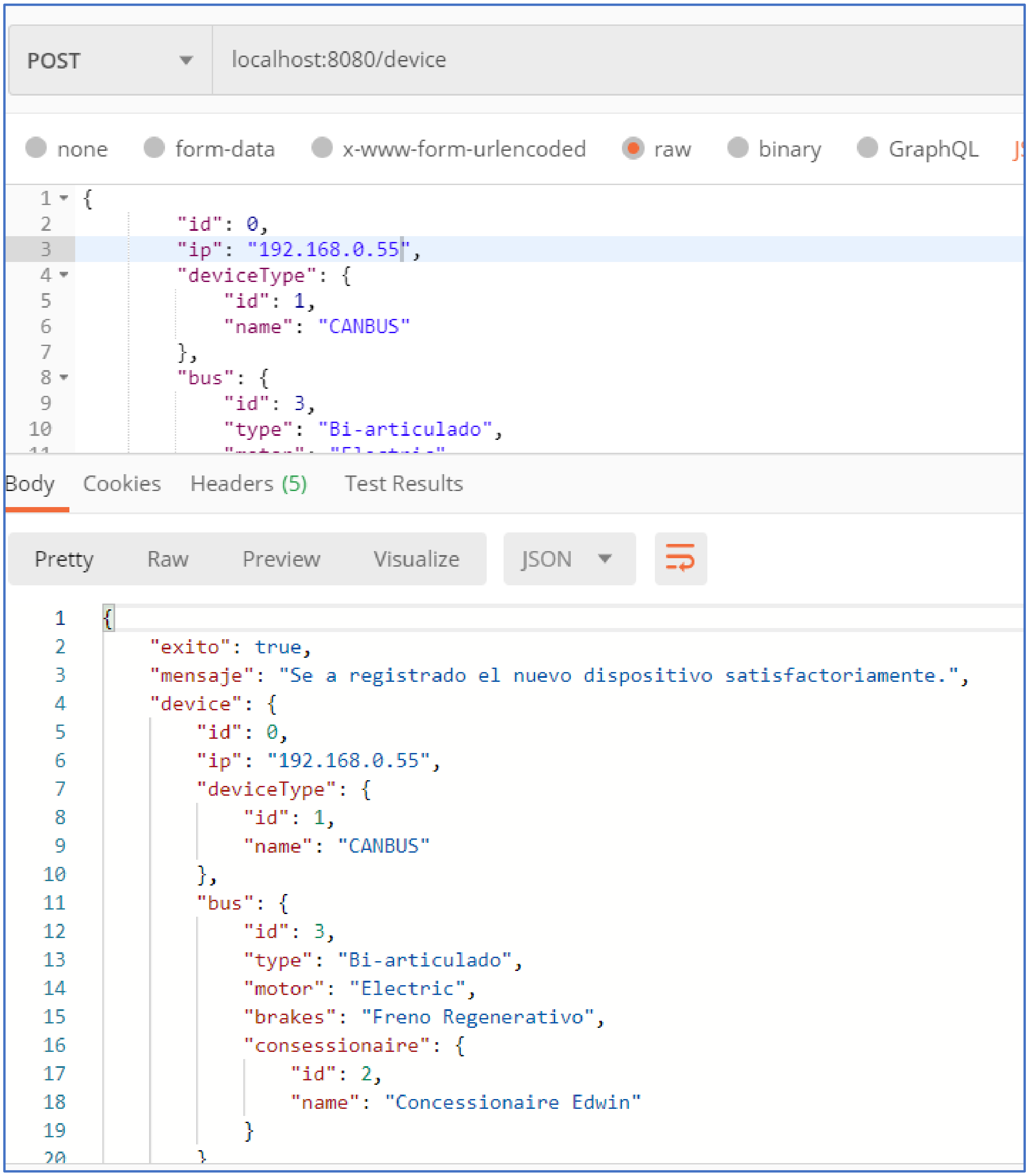


POST localhost:8080/device

```
{
    "id": 3,
    "ip": "192.168.0.128",
    "deviceType": {
        "id": 1,
        "name": "CANBUS"
    },
    "bus": {
        "id": 3,
        "type": "Bi-articulado",
```

```
{
    "exito": true,
    "mensaje": "Se a editado la informacion del dispositivo satisfactorimante.",
    "device": {
        "id": 3,
        "ip": "192.168.0.128",
        "deviceType": {
            "id": 1,
            "name": "CANBUS"
        },
        "bus": {
            "id": 3,
            "type": "Bi-articulado",
            "motor": "Electric",
            "brakes": "Freno Regenerativo",
            "consessionaire": {
                "id": 2,
                "name": "Concessionaire Edwin"
            }
        },
        "status": "Active"
    }
}
```

Ahora agregaremos un nuevo Device.



POST localhost:8080/device

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL

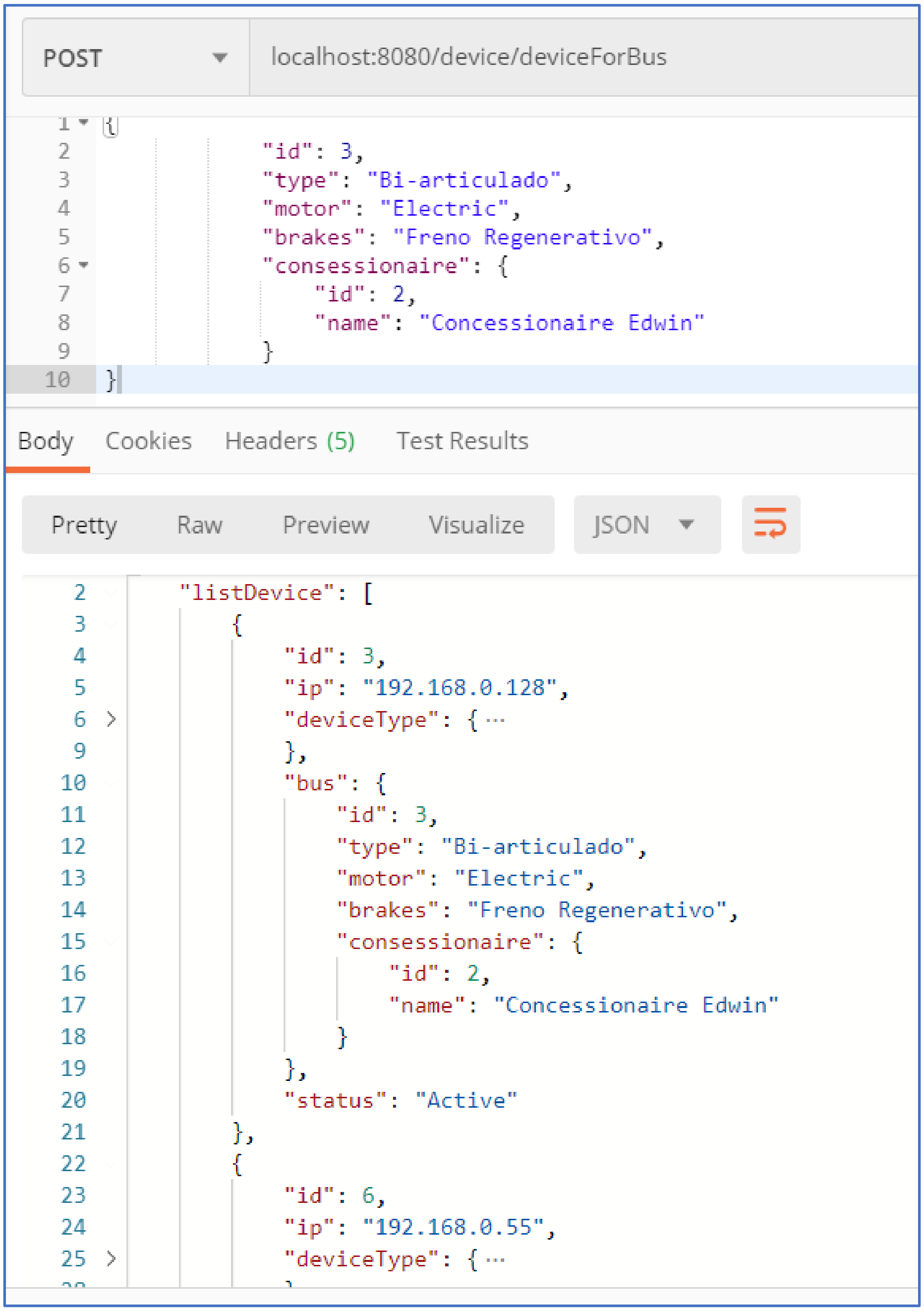
```
{
    "id": 0,
    "ip": "192.168.0.55",
    "deviceType": {
        "id": 1,
        "name": "CANBUS"
    },
    "bus": {
        "id": 3,
        "type": "Bi-articulado",
```

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
{
    "exito": true,
    "mensaje": "Se a registrado el nuevo dispositivo satisfactoriamente.",
    "device": {
        "id": 0,
        "ip": "192.168.0.55",
        "deviceType": {
            "id": 1,
            "name": "CANBUS"
        },
        "bus": {
            "id": 3,
            "type": "Bi-articulado",
            "motor": "Electric",
            "brakes": "Freno Regenerativo",
            "consessionaire": {
                "id": 2,
                "name": "Concessionaire Edwin"
            }
```

Ahora probaremos el end point para consultar los device de un bus especifico.

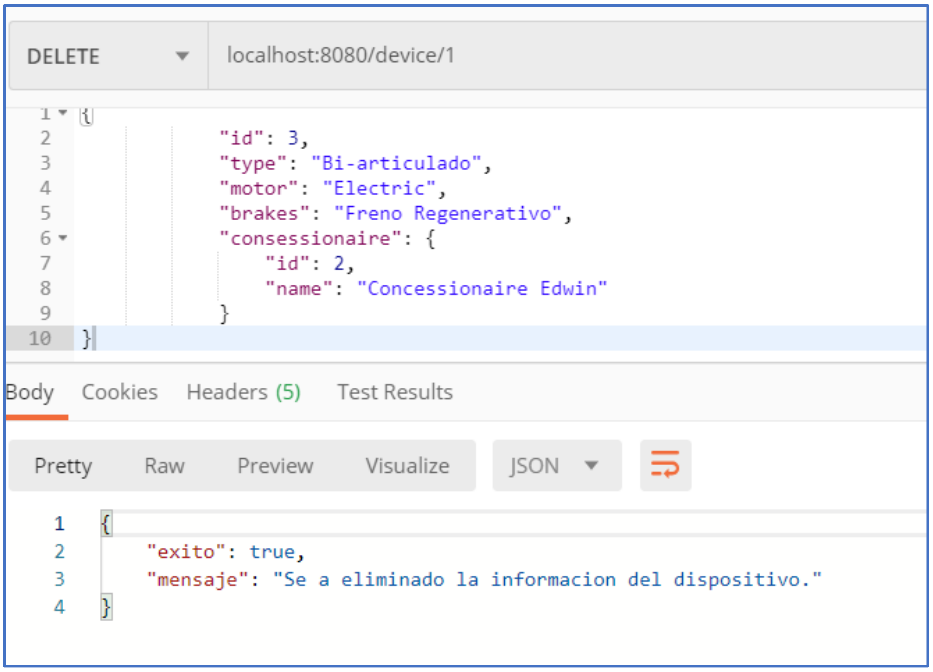


POST localhost:8080/device/deviceForBus

```
{
            "id": 3,
            "type": "Bi-articulado",
            "motor": "Electric",
            "brakes": "Freno Regenerativo",
            "consessionaire": {
                "id": 2,
                "name": "Concessionaire Edwin"
            }
}
```

```
    "listDevice": [
        {
            "id": 3,
            "ip": "192.168.0.128",
            "deviceType": {···
            },
            "bus": {
                "id": 3,
                "type": "Bi-articulado",
                "motor": "Electric",
                "brakes": "Freno Regenerativo",
                "consessionaire": {
                    "id": 2,
                    "name": "Concessionaire Edwin"
                }
            },
            "status": "Active"
        },
        {
            "id": 6,
            "ip": "192.168.0.55",
            "deviceType": {···
```

Por ultimo haremos Delete del device 1

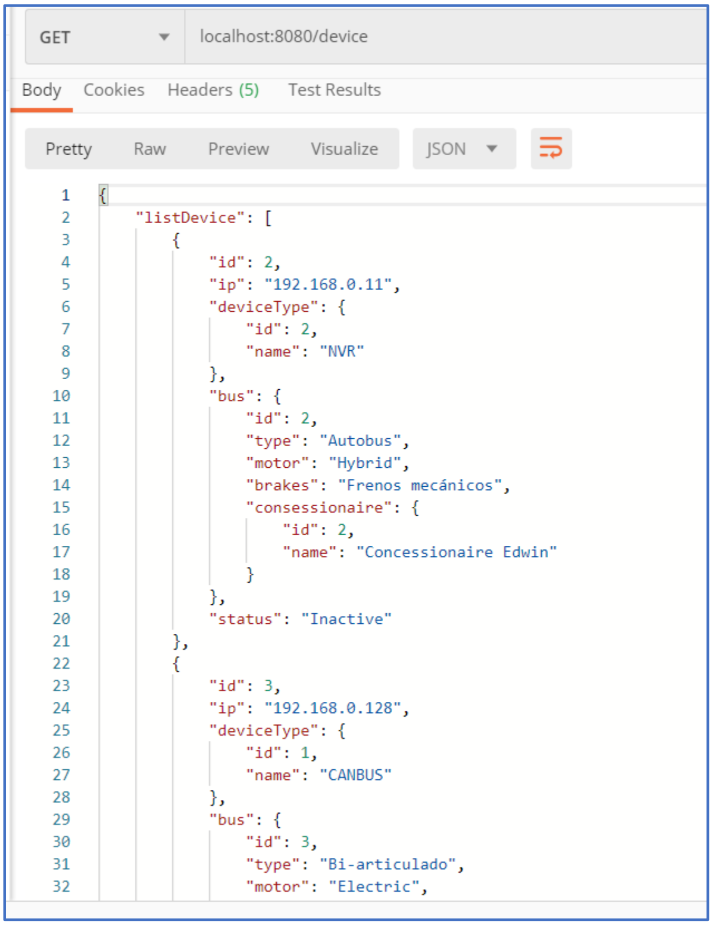


localhost:8080/device/1

```
{
        "id": 3,
        "type": "Bi-articulado",
        "motor": "Electric",
        "brakes": "Freno Regenerativo",
        "consessionaire": {
            "id": 2,
            "name": "Concessionaire Edwin"
        }
}
```

```
{
    "exito": true,
    "mensaje": "Se a eliminado la informacion del dispositivo."
}
```

Y listamos para comprobar



localhost:8080/device

```
{
    "listDevice": [
        {
            "id": 2,
            "ip": "192.168.0.11",
            "deviceType": {
                "id": 2,
                "name": "NVR"
            },
            "bus": {
                "id": 2,
                "type": "Autobus",
                "motor": "Hybrid",
                "brakes": "Frenos mecánicos",
                "consessionaire": {
                    "id": 2,
                    "name": "Concessionaire Edwin"
                }
            },
            "status": "Inactive"
        },
        {
            "id": 3,
            "ip": "192.168.0.128",
            "deviceType": {
                "id": 1,
                "name": "CANBUS"
            },
            "bus": {
                "id": 3,
                "type": "Bi-articulado",
                "motor": "Electric",
```