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**DOCUMENTACIÓN DE UN SERVICIO**

1. **GET ALL SERVICES**

**HTTP METHOD:** GET

**URI:**[http://localhost:8080/GruasService/RestFul/Service](http://localhost:8080/Gruas/GruaWEb/operatorById/%7Bid)

**DESCRIPTION:** Response with a list of Services

**PARAMETERS:** ...

**RESPONSE:**

|  |
| --- |
| [  {  "servBrand": "Abarth",  "servColor": "NEGRO",  "servCost": 10,  "servDest": "CONDADO",  "servModel": "Spider124",  "servOrig": "OCCIDENTAL Y FLORIDA",  "servPlate": "PHT0694",  "servUnity": "0",  "serviceDate": "2018-07-20",  "servid": "19245"  },  {  "servBrand": "Alfa Romeo",  "servColor": "NEGRO",  "servCost": 7,  "servDest": "ORELLANA",  "servModel": "4C",  "servOrig": "GUAMANI",  "servPlate": "PHT0694",  "servUnity": "0",  "serviceDate": "2018-07-13",  "servid": "19254"  },  {  "servBrand": "Alpine",  "servColor": "NEGRO",  "servCost": 7,  "servDest": "null",  "servModel": "A110",  "servOrig": "SANGOLQUI",  "servPlate": "PJG2431",  "servUnity": "0",  "serviceDate": "2018-07-21",  "servid": "19345"  }  ] |

**STATUS CODE:** 200 (OK)

1. **GET TOTAL SERVICE BY DATES**

**HTTP method:** GET

**URI:**[http://localhost:8080/GruasService/](http://localhost:8080/Gruas/GruaWEb/operatorById/%7Bid)[RestFul](http://localhost:8080/GruasService/RestFul/DeleteOperator/%7bidOperator%7d)[/Service/total/{from}/{to}](http://localhost:8080/Gruas/GruaWEb/operatorById/%7Bid)

**DESCRIPTION:** Response with the sum of all services by a range of dates

**PARAMETERS:** from = String => start date of the range

      to = String => end date of the range

**RESPONSE:**

|  |
| --- |
| 31.00 |

**STATUS CODE:** 200 (OK)

1. **GET SERVICE BY ID**

**URI:**[http://localhost:8080/GruasService/](http://localhost:8080/Gruas/GruaWEb/operatorById/%7Bid)[RestFul](http://localhost:8080/GruasService/RestFul/DeleteOperator/%7bidOperator%7d)[/Service/{servId}](http://localhost:8080/Gruas/GruaWEb/operatorById/%7Bid)

**DESCRIPTION:** Response with a data of service search by id

**HTTP method:** GET

**PARAMETERS:** servId  = String unique identifier of a client.

**RESPONSE:**

|  |
| --- |
| [  {  “servId” : “SER-002”,  “servBrand” :”Hino”,  “servCost” : “100”,  “servDest” : “Ambato”  }  ] |

**STATUS CODE:** 200 (OK)

1. **GET COMPANY VEHICLE BY PLATE**

**HTTP method:** GET

**URI:** [**http://localhost:8080/GruasService/RestFul/CompanyVehicle/plate/{plate}**](http://localhost:8080/GruasService/RestFul/CompanyVehicle/plate/PBJ6748)

**DESCRIPTION:** Response with the data o a company vehicle search by plate

**PARAMETERS:** plate = String => Identifier of a vehicle

**RESPONSE:**

|  |
| --- |
| **{**  "vehicleBrand": "HYUNDAI",  "vehicleColor": "BLANCO",  "vehicleId": **2**,  "vehicleLicensePlate": "PBJ6748",  "vehicleModel": "I10",  "vehicleType": "AUTOMOVIL"  **}** |

**STATUS CODE:** 200 (OK)

1. **GET DAY OF ‘PICO Y PLACA’**

**HTTP method:** GET

**URI:**[http://localhost:8080/GruasService/](http://localhost:8080/Gruas/GruaWEb/operatorById/%7Bid)[RestFul](http://localhost:8080/GruasService/RestFul/DeleteOperator/%7bidOperator%7d)[/CompanyVehicle/plate/picoplaca/{plate}](http://localhost:8080/Gruas/GruaWEb/operatorById/%7Bid)

**DESCRIPTION:** Response with the day of ‘Pico y Placa’ of a plate

**PARAMETERS:** plate = String a identifier of a company vehicle

**RESPONSE:**

|  |
| --- |
| Martes |

**STATUS CODE:** 200 (OK)

1. **OPERATOR BY ID**

**HTTP:** GET

**URI:** [http://localhost:8080/GruasService/RestFul/OperatorById/{id}](http://localhost:8080/GruasService/RestFul/OperatorById/%7Bid%7D)

**PARAMETERS:** idOperator: String = unique identifier of an operator

**RESPONSE:**

|  |
| --- |
| {  "craneManagerId":1303753618,  "operatorId":"1719568360",  "operatorLastName":"Aguaiza",  "operatorLicense":"B",  "operatorName":"Henry"  } |

**STATUS CODE:** 200 (OK)

1. **REMOVE OPERATOR BY ID**

**HTTP:** DELETE

**URI:** [http://localhost:8080/GruasService/RestFul/DeleteOperator/{idOperator}](http://localhost:8080/GruasService/RestFul/DeleteOperator/%7bidOperator%7d)

**PARAMETERS**: idOperator: String = unique identifier of an operator

**RESPONSE:**

|  |
| --- |
| operator successfully removed |

**STATUS CODE:** 200 (OK)

1. **UPDATE LICENSE BY ID**

**HTTP:** PUT

**URI:** (<http://localhost:8080/GruasService/RestFul/UpdateLicenseById>

**PARAMETERS:**

**BODY:**

|  |
| --- |
| {  "operatorId":"1706172648",  "craneManagerId":1303753618,  "operatorName":"Narcisa",  "operatorLastName":"Abata",  "operatorLicense":"A"  } |

**RESPONSE:**

|  |
| --- |
| successful license update |

**STATUS CODE:** 200 (OK)

1. **CREATE OPERATOR RESOURCE**

**HTTP:** POST

**URI:** <http://localhost:8080/GruasService/RestFul/CreateOperator>

**PARAMETERS:**

**BODY:**

|  |
| --- |
| {  "operatorId":"1706172648",  "craneManagerId":1303753618,  "operatorName":"Narcisa",  "operatorLastName":"Abata",  "operatorLicense":"C"  } |

**RESPONSE:**

|  |
| --- |
| registered operator |

**STATUS CODE:** 200 (OK)

1. **NUMBER OPERATOR BY LICENSE**

**HTTP:** GET

**URI:** [http://localhost:8080/GruasService/RestFul/NumberOperatorLicence/{typeLicense}](http://localhost:8080/GruasService/RestFul/NumberOperatorLicence/%7BtypeLicense%7D)

**PARAMETERS:** typeLicense:String = type of driver's license

**RESPONSE:**

|  |
| --- |
| Number of operators with type B license are: 2 |

**STATUS CODE:** 200 (OK)

1. **REPORT BY CLIENT ID**

**HTTP:** GET

**URI:** [http://localhost:8080/GruasService/RestFul/ReportByClientId/{id}](http://localhost:8080/GruasService/RestFul/ReportByClientId/%7bid%7d)

**PARAMETERS:** idClient: String = unique identifier of an client

**RESPONSE:**

|  |
| --- |
| [  {  "clientId":"1719568378",  "operatorId":"1719568360",  "reportId":1,  "serviceId":"1050"  },  {  "clientId":"1719568378",  "operatorId":"1719568360",  "reportId":2,  "serviceId":"1051"  },  {"clientId":"1719568378",  "operatorId":"1719568360",  "reportId":3,  "serviceId":"1052"  }  ] |

**STATUS CODE:** 200 (OK)