**Flights**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **URL** | | **Command** | |  |
| ***List all instances*** | | | | |
| http://localhost:63579/flights/ | | Get | | *Example JSON Response*  [  {  "Id": 1,  "Arrival": "2001-01-01T09:00:00",  "Departure": "2001-01-01T09:30:00"  },  …  ] |
| ***Get an instance by Id*** | | | | |
| http://localhost:63579/flights/1 | Get | | *Example JSON Response*  {  "GateId": 1,  "Arrival": "2001-01-01T09:00:00",  "Departure": "2001-01-01T09:30:00"  } | |
| ***Create or update an instance*** | | | | |
| http://localhost:63579/flights/ | | Post or Put | | **Create**  *Example JSON Request*  {  "Arrival": "0001-01-01T00:01:00",  "Departure": "0001-01-01T00:01:30"  }  *Example JSON Response*  {  "Id": 123,  "Arrival": "0001-01-01T00:01:00",  "Departure": "0001-01-01T00:01:30"  }  **Update**  *Example JSON Request*  {  "Id": 31,  "Arrival": "0001-01-01T00:01:00",  "Departure": "0001-01-01T00:01:30"  }  *Example JSON Response*  {  "Id": 31,  "Arrival": "0001-01-01T00:01:00",  "Departure": "0001-01-01T00:01:30"  } |
| ***Delete an instance*** | | | | |
| http://localhost:63579/flights/31 | | Delete | | *Example JSON Response*  {  "Id": 31,  "Arrival": "0001-01-01T00:01:00",  "Departure": "0001-01-01T00:01:30"  } |

**Gates**

|  |  |  |
| --- | --- | --- |
| **URL** | **Command** |  |
| ***List all instances*** | | |
| http://localhost:63579/gates/ | Get | *Example JSON Response*  [  {  "Id": 1,  "Description": "Gate 1"  },  {  "Id": 2,  "Description": "Gate 2"  },  {  "Id": 3,  "Description": "Gate 3"  }  ] |
| ***Get an instance by Id*** | | |
| http://localhost:63579/gates/1 | Post or Put | *Example JSON Response*  {  "Id": 1,  "Description": "Gate 1"  } |
| ***Create or update an instance*** | | |
| http://localhost:63579/gates/ | Post or Put | **Create**  *Example JSON Request*  {  "Description": "Gate"  }  *Example JSON Response*  {  "Id": 123,  "Description": "Gate"  }  **Update**  *Example JSON Request*  {  "Id": 31,  "Description": "Gate 31"  }  *Example JSON Response*  {  "Id": 31,  "Description": "Gate 31"  } |
| ***Delete an instance*** | | |
| http://localhost:63579/gates/31 | Delete | *Example JSON Response*  {  "Id": 31,  "Description": "Gate 31"  } |

**Flight Assigned to Gate**

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| --- | --- | --- |
| **URL** | **Command** |  |
| ***List all instances*** | | |
| http://localhost:63579/ flightassignedtogate/ | Get | *Example JSON Response*  [  {  "GateId": 1,  "FlightId": 11,  "Id": 1  },  …  {  "GateId": 2,  "FlightId": 21,  "Id": 3  }  ] |
| ***Get an instance by Id*** | | |
| http://localhost:63579/ flightassignedtogate/1 | Get | *Example JSON Response*  {  "GateId": 1,  "FlightId": 11,  "Id": 1  } |
| ***Create or update an instance*** | | |
| http://localhost:63579/ flightassignedtogate/ | Post or Put | **Create**  *Example JSON Request*  {  "GateId ": 1,  "FlightId": 13,  }  *Example JSON Response*  {  "GateId ": 1,  "FlightId": 13,  "Id": 123  }  **Update**  *Example JSON Request*  {  "GateId ": 1,  "FlightId": 13,  "Id": 31  }  *Example JSON Response*  {  "GateId ": 1,  "FlightId": 13,  "Id": 31  } |
| ***Delete an instance*** | | |
| http://localhost:63579/ flightassignedtogate/31 | Delete | *Example JSON Response*  {  "GateId ": 1,  "FlightId": 13,  "Id": 31  } |

**Flights Assigned to Gates**

|  |  |  |
| --- | --- | --- |
| **URL** | **Command** |  |
| ***List all instances*** | | |
| http://localhost:63579/ flightsassignedtogates/ | Get | *Example JSON Response*  [  {  "GateId": 1,  "FlightIds": [  11,  12  ]  },  {  "GateId": 2,  "FlightIds": [  21  ]  }  ] |
| ***Get FlightIds assigned to GateId*** | | |
| http://localhost:63579/ flightsassignedtogates/1 | Get | *Example JSON Response*  [  {  "GateId": 1,  "FlightIds": [  11,  12  ]  }  ] |