

vehicleDB documentation

Marcus Eicher

17 April 2018

endpoint	input	output	method
getVehicle.php	query: vehicleID (<= 1024)	JSON returning all data saved under that vehicleID and HTTP status 202 - OR - error message and HTTP status 400	GET
setVehicle.php	query: vehicleID (req'd) ownerID (opt'l) capacity (opt'l) inService (opt'l) inUse (opt'l) currentLatitude (opt'l) currentLongitude (opt'l)	success message and HTTP status 202 - OR - error message if vehicleID doesn't exist and HTTP status 400	POST
makeVehicle.php	query: vehicleID (<= 1024)	success message and HTTP status 202 - OR - error message if vehicleID already exists and HTTP status 400 - OR - error message if vehicleID is under/over system limit and HTTP status 400	POST
removeVehicle.php	query: vehicleID (<= 1024)	success message and HTTP status 202 - OR - error message if vehicleID doesn't exist and HTTP status 400	POST
getAllVehicles.php	- nothing -	returns JSON strings with the data of all vehicles, each JSON string is in a new line	GET

Sample query:

<https://meicher.create.stedwards.edu/WeGoVehicleDB/setVehicle.php?vehicleID=7&ownerID=1&capacity=4&inService=1&inUse=0¤tLatitude=30.324205¤tLongitude=-97.826791>

JSON output example:

```
{
  "vehicleID": "1",
  "ownerID": "1",
  "capacity": "4",
  "inService": "1",
  "inUse": "1",
  "currentLatitude": "30.22828600",
  "currentLongitude": "-97.75381000",
  "lastUpdate": "2018-03-29 12:34:56"
}
```

vehicleDB dashboard (added on March 29, 2018)

<https://meicher.create.stedwards.edu/WeGoVehicleDB/vehicleDashboardMain.php>

Login password: **wego123!**

This page can be accessed with a regular browser. It allows the WeGo administration to take a look at all vehicles and their data, add new vehicles to the list, change some parameters of vehicles and delete vehicles.

Comments:

- setVehicle now supports selective updating of vehicle parameters, only pass the parameters that you want to update. Other vehicle parameters stay unchanged.
- System currently supports vehicleID numbers from 0 to 1024
- lastUpdate parameter is set by the system when using makeVehicle, setVehicle, or when making or changing a vehicle through the vehicleDB dashboard website. This value cannot be modified by the user through normal means.