**vehicleDB documentation**Marcus Eicher  
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| --- | --- | --- | --- |
| 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&currentLatitude=30.324205&currentLongitude=-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.