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| Functions | Usage |
| Vehicle() | Creates a Vehicle object that is explicit and holds all the Vehicle information. |
| getNeedsUpdate() | Displays whether or not the Vehicle needs an update for data to be logged into the database. |
| setVehicleID(int) | Allows modification of the Vehicle ID. |
| setVehicleType(int) | Allows modification of which Vehicle Type is desired. |
| setAlititude(int) | Allows modification of the Altitude for the specific Vehicle. |
| setWayPointID(int) | Allows modification of the Way Point ID for the specific Vehicle. |
| setMode(int) | Allows modification of a Vehicle’s mode, switching in between autonomous or manual control. |
| setState(int) | Allows modification of a Vehicle’s State. |
| setBatteryStatus(int) | Allows modification of a Vehicle’s Battery Status. |
| setLatitude(double) | Allows modification of a Vehicle’s Latitude position. |
| setLongitude(double) | Allows modification of a Vehicle’s Longitude. |
| setHeading(double) | Allows modification of a Vehicle’s Heading. |
| setXAcceleration(double) | Allows modification of a Vehicle’s X-Axis Acceleration. |
| setYAcceleration(double) | Allows modification of a Vehicle’s Y-Axis Acceleration. |
| setRollRate(double) | Allows modification of a Vehicle’s Roll Rate. |
| setPitchRate(double) | Allows modification of a Vehicle’s Pitch Rate. |
| setYawRate(double) | Allows modification of a Vehicle’s Yaw Rate. |
| setVelocity(double) | Allows modification of a Vehicle’s Velocity. |
| setRoll(double) | Allows modification of a Vehicle’s Roll. |
| setPitch(double) | Allows modification of a Vehicle’s Pitch. |
| setYaw(double) | Allows modification of a Vehicle’s Yaw. |
| getVehicleID() | Displays the current Vehicle’s ID. |
| getVehicleType() | Displays the current Vehicle Type. |
| getAltitude() | Displays the current Vehicle’s Altitude. |
| getWayPointID() | Displays the current Vehicle’s Way Point ID or destination. |
| getMode() | Displays the current Vehicle’s autonomy mode. |
| getState() | Displays the current Vehicle’s State. |
| getBatteryStatus() | Displays the current Vehicle’s Battery Status. |
| getLatitude() | Displays the current Vehicle’s Latitude. |
| getLongitude() | Displays the current Vehicle’s Longitude. |
| getHeading() | Displays the current Vehicle’s Heading. |
| getXAccleration() | Displays the current Vehicle’s X-Axis Acceleration. |
| getYAcceleration() | Displays the current Vehicle’s Y-Axis Acceleration. |
| getRollRate() | Displays the current Vehicle’s Roll Rate. |
| getPitchRate() | Displays the current Vehicle’s Pitch Rate. |
| getYawRate() | Displays the current Vehicle’s Yaw Rate. |
| getVelocity() | Displays the current Vehicle’s Velocity. |
| getRoll() | Displays the current Vehicle’s Roll. |
| getPitch() | Displays the current Vehicle’s Pitch. |
| getYaw() | Displays the current Vehicle’s Yaw. |