

RETRIEVE DEVICE STATUS

Retrieves the status of the device with the given IMEI.

ARGUMENTS

- 'api_key' -> API Key Linked to device
- 'IMEI' -> The IMEI of the desired device.
- 'type' -> 'retrieve_device_status'

RETURNS

Returns device status if a valid linked IMEI and API Key was provided. Throws an error otherwise.

GET

```
parameters={'api_key': 'demo', 'type': 'retrieve_device_status', 'IMEI': 'demo'}
response = requests.get("http://solidgps.com/api", params=parameters)
print(response)
print(response.json())
```

RESPONSE

```
{
  "status_code" : 200,
  "device_IMEI": "demo",
  "nickname": "motorcycle",
  "emergency_mode" : 0
  "is_active": 0,
  "route_prediction": 'Dummy Route Prediction',
  "weight": 2,
  "next_expected_update": "30-Nov-2019 04:26:24",
  "battery_status": "1",
  "last_day_activity": 1,
  "last_distance_M": "4900",
  "total_distance_M": "147500"
}
```

RETRIEVE TRACKER POSITIONS

Retrieves the tracker positions with the given IMEI.

ARGUMENTS

- 'api_key' -> API Key Linked to device
- 'IMEI' -> The IMEI of the desired device.
- 'type' -> 'retrieve_tracker_positions'
- 'quantity' -> Required Number of Positions, defaults to 1

RETURNS

Returns device positions if a valid linked IMEI and API Key was provided. Throws an error otherwise.

GET

```
parameters={'api_key': 'demo', 'type': 'retrieve_tracker_positions', 'IMEI': 'demo'}
response = requests.get("http://solidgps.com/api", params=parameters)
print(response)
print(response.json())
```

RESPONSE

```
{
  "status_code": 200,
  "device_IMEI": "demo",
  "results_returned": 1,
  "tracker_postions": {
    "IMEI": 'demo'
    "latitude": -38.031835,
    "longitude": 145.201659,
    "sog": 78,
    "cog": 0,
    "HDOP": 1.2,
    "UTC": '2019-09-13 06:55:11',
    "run": 78,
    "active": 0,
    "gps_attempts": 12
    "geocode": "QLS Group, 398-418 Hammond Rd, Dandenong South VIC 3175"
  },
}
```

RETRIEVE GROUP TRACKER POSITIONS

Retrieves the tracker positions linked to the given API Key.

ARGUMENTS

- 'api_key' -> API Key Linked to device
- 'type' -> 'retrieve_linked_tracker_positions'
- 'quantity' -> Required Number of Positions, defaults to 1

RETURNS

Returns device positions if a valid API Key was provided. Throws an error otherwise.

GET

```
parameters={'api_key': 'demo', 'type': 'retrieve_linked_tracker_positions', 'IMEI': 'demo', 'quantity': 1}
response = requests.get("http://solidgps.com/api", params=parameters)
print(response)
print(response.json())
```

RESPONSE

```
{
  "status_code": 200,
  "number_of_devices": 2,
  "results_returned": 1,
  "tracker_postions": {
    "IMEI": 'demo'
    "latitude": -38.031835,
    "longitude": 145.201659,
    "sog": 78,
    "cog": 0,
    "HDOP": 1.2,
    "UTC": '2019-09-13 06:55:11',
    "run": 78,
    "active": 0,
    "gps_attempts": 12
    "geocode": "QLS Group, 398-418 Hammond Rd, Dandenong South VIC 3175"
  },
}
```