com.dropoff.service.brawndo.client

This is the 3rd party dropoff php client for creating and viewing orders and adding tips.

Table of Contents

- Client Info
 - Configuration
 - Getting Your Account Info
 - Enterprise Managed Clients
 - Getting Pricing Estimates
 - Placing an Order
 - Cancelling an Order
 - · Getting a Specific Order
 - Getting a Page of Order
- Tips
 - Creating
 - Deleting
 - Reading
- Webhook Info
 - Webhook Backoff Algorithm
 - Webhook Events
 - Managed Client Events
- Order Simulation

Using the client

Configuration

You will have to configure the brawndo instance via the constructor.

```
$public_key = 'b123bebbce97f1b06382095c3580d1be4417dbe376956ae9';
$private_key = '87150f36c5de06fdf9bf775e8a7a1d0248de9af3d8930da0';
$api_url = 'https://sandbox-brawndo.dropoff.com/v1';
$host = 'sandbox-brawndo.dropoff.com';
$brawndo = new \Dropoff\Brawndo($public_key, $private_key, $api_url, $host);
```

- api_url the url of the brawndo api. This field is required.
- host the api host. This field is required.
- public_key the public key of the user that will be using the client. This field is required.
- private_key the private key of the user that will be using the client.

Getting Your Client Information

If you want to know your client id and name you can access this information via the info call.

If you are an enterprise client user, then this call will return all of the accounts that you are allowed to manage with your current account.

```
$result = $brawndo->info();
```

A response will look like this:

```
array(3) {
  ["success"]=>
 bool(true)
  ["timestamp"]=>
  string(20) "2017-01-26T14:42:48Z"
  ["data"]=>
  array(3) {
    ["user"]=>
    array(3) {
      ["first name"]=>
      string(6) "Global"
      ["last name"]=>
      string(3) "Guy"
      ["id"]=>
      string(13) "111111111110"
    ["client"]=>
    array(2) {
      ["company name"]=>
```

```
string(19) "EnterpriseCo Global"
  ["id"]=>
  string(13) "111111111110"
["managed_clients"]=>
array(4) {
  ["level"]=>
 int(0)
  ["company_name"]=>
  string(19) "EnterpriseCo Global"
  ["id"]=>
  string(13) "111111111110"
  ["children"]=>
  array(2) {
    [0]=>
    array(4) {
      ["company_name"]=>
      string(19) "EnterpriseCo Europe"
      ["level"]=>
      int(1)
      ["id"]=>
      string(13) "1111111111112"
      ["children"]=>
      array(3) {
        [0]=>
        array(4) {
          ["company_name"]=>
          string(18) "EnterpriseCo Paris"
          ["level"]=>
          int(2)
          ["id"]=>
          string(13) "111111111111"
          ["children"]=>
          array(0) {
        }
        [1]=>
        array(4) {
          ["company_name"]=>
          string(19) "EnterpriseCo London"
          ["level"]=>
          int(2)
          ["id"]=>
          string(13) "1111111111113"
          ["children"]=>
```

```
array(0) {
      }
    }
    [2]=>
    array(4) {
      ["company_name"]=>
      string(18) "EnterpriseCo Milan"
      ["level"]=>
      int(2)
      ["id"]=>
      string(13) "111111111114"
      ["children"]=>
      array(0) {
    }
  }
}
[2]=>
array(4) {
  ["company_name"]=>
  string(15) "EnterpriseCo NA"
  ["level"]=>
  int(1)
  ["id"]=>
  string(13) "111111111115"
  ["children"]=>
  array(3) {
    [0]=>
    array(4) {
      ["company_name"]=>
      string(20) "EnterpriseCo Chicago"
      ["level"]=>
      int(2)
      ["id"]=>
      string(13) "111111111116"
      ["children"]=>
      array(0) {
      }
    }
    [1]=>
    array(4) {
      ["company_name"]=>
      string(21) "EnterpriseCo New York"
      ["level"]=>
      int(2)
```

```
["id"]=>
               string(13) "1111111111117"
               ["children"]=>
               array(0) {
            }
            [2]=>
            array(4) {
               ["company_name"]=>
               string(24) "EnterpriseCo Los Angeles"
               ["level"]=>
               int(2)
               ["id"]=>
               string(13) "1111111111118"
               ["children"]=>
               array(0) {
               }
            }
          }
        }
      }
    }
  }
}
```

The main sections in data are user, client, and managed_clients.

The user info shows basic information about the Dropoff user that the used keys represent.

The client info shows basic information about the Dropoff Client that the user belongs to who's keys are being used.

The managed_clients info shows a hierarchical structure of all clients that can be managed by the user who's keys are being used.

Enterprise Managed Clients

In the above info example you see that keys for a user in an enterprise client are being used. It has clients that can be managed as it's descendants.

The hierarchy looks something like this:

```
EnterpriseCo Global (1111111111110)

├─ EnterpriseCo Europe (1111111111111)

├─ EnterpriseCo Paris (111111111111)

├─ EnterpriseCo London (1111111111113)

├─ EnterpriseCo Milan (1111111111114)

├─ EnterpriseCo NA (11111111111115)

├─ EnterpriseCo Chicago (1111111111116)

├─ EnterpriseCo New York (111111111117)

└─ EnterpriseCo Los Angeles (111111111118)
```

Let's say I was using keys for a user in **EnterpriseCo Europe**, then the returned hierarchy would be:

```
EnterpriseCo Europe (1111111111112)

├─ EnterpriseCo Paris (111111111111)

├─ EnterpriseCo London (1111111111113)

└─ EnterpriseCo Milan (1111111111114)
```

Note that You can no longer see the **EnterpriseCo Global** ancestor and anything descending and including **EnterpriseCo NA**.

So what does it mean to manage an enterprise client? This means that you can:

- Get estimates for that client.
- Place an order for that client.
- · Cancel an order for that client.
- View existing orders placed for that client.
- Create, update, and delete tips for orders placed for that client.

All you have to do is specify the id of the client that you want to act on. So if wanted to place orders for **EnterpriseCo Paris** I would make sure to include that clients id: "111111111111".

The following api documentation will show how to do this.

Getting Pricing Estimates

Before you place an order you will first want to estimate the distance, eta, and cost for the delivery. The client provides a **getEstimate** function for this operation.

```
$origin = '117 San Jacinto Blvd, Austin, TX 78701, United States'; // required
$destination = '800 Brazos Street, Austin, TX 78701, United States'; // required
$utc_offset = '-06:00'; // required
$ready_timestamp = 1425578400; // optional
$company_id = '1111111111111'; // optional
```

- **origin** the origin (aka the pickup location) of the order. Required.
- **destination** the destination (aka the delivery location) of the order. Required.
- utc_offset the utc offset of the timezone where the order is taking place. Required.
- **ready_timestamp** the unix timestamp (in seconds) representing when the order is ready to be picked up. If not set we assume immediate availability for pickup.

* company_id - if you are using brawndo as an enterprise client that manages other dropoff clients you can specify the managed client id who's estimate you want here. This is optional and only works for enterprise clients.

```
$result = $brawndo->estimate('800 Brazos St, Austin, TX 78701', '2517 Thornton Rd, Au
stin, TX 78704', date('P'), time(), $company_id);
```

An example of a successful result will look like this:

```
array(3) {
    ["data"]=>
    array(6) {
        ["ETA"]=>
        string(6) "1023.1"
        ["Distance"]=>
        string(4) "3.79"
        ["asap"]=>
        array(3) {
        ["ETA"]=>
        string(6) "1023.1"
        ["Distance"]=>
        string(4) "3.79"
        ["Price"]=>
        string(4) "2.06"
    }
}
```

```
["two_hr"]=>
    array(3) {
      ["ETA"]=>
      string(6) "1023.1"
      ["Distance"]=>
      string(4) "3.79"
      ["Price"]=>
      string(5) "17.56"
    }
    ["four_hr"]=>
    array(3) {
      ["ETA"]=>
      string(6) "1023.1"
      ["Distance"]=>
      string(4) "3.79"
      ["Price"]=>
      string(5) "15.96"
    ["all_day"]=>
    array(3) {
      ["ETA"]=>
      string(6) "1023.1"
      ["Distance"]=>
      string(4) "3.79"
      ["Price"]=>
      string(5) "13.96"
    ["service type"]=>
    string(8) "standard"
  ["success"]=>
 bool(true)
  ["timestamp"]=>
  string(25) "2016-02-26T14:05:25+00:00"
}
```

- data contain the pricing information for the allowed delivery window based on the given ready time, so
 you will not always see every option.
- **Distance** the distance from the origin to the destination.
- ETA the estimated time (in seconds) it will take to go from the origin to the destination.
- From the origin zip code. Only available if you have a zip to zip rate card configured.
- **To** the destination zip code. Only available if you have a zip to zip rate card configured.
- asap the pricing for an order that needs to delivered within an hour of the ready time.

- two_hr the pricing for an order that needs to delivered within two hours of the ready time.
- four_hr the pricing for an order that needs to delivered within four hours of the ready time.
- all_day the pricing for an order that needs to delivered by end of business on a weekday.
- **service_type** The service type for pricing, could be standard, holiday, or after_hr.

Placing an order

Given a successful estimate call, and a window that you like, then the order can be placed. An order requires origin information, destination information, and specifics about the order.

Origin and Destination data.

The origin and destination contain information regarding the addresses in the order.

```
$destination = array(
    'email' => 'awoss+phpd@dropoff.com',
                                                 // required
    'phone' => '5555554444',
                                                 // required
    'first name' => 'Del',
                                                 // required
    'last name' => 'Fitzgitibit',
                                                 // required
    'address_line_1' => '800 Brazos Street',
                                                 // required
    'address line 2' => '250',
                                                  // optional
    'city' => 'Austin',
                                                  // required
    'state' => 'TX',
                                                  // required
    'zip' => '78701',
                                                  // required
    'lat' => 30.269967,
                                                  // required
    'lng' => -97.740838
                                                  // required
);
$origin = array(
    'company_name' => 'Dropoff PHP Destination',
                                                // required
                                                  // required
    'email' => 'awoss+gus@dropoff.com',
    'phone' => '5124744877',
                                                  // required
    'first name' => 'Napoleon',
                                                 // required
    'last name' => 'Bonner',
                                                 // required
    'address_line_1' => '117 San Jacinto Blvd',
                                                // required
    'city' => 'Austin',
                                                  // required
    'state' => 'TX',
                                                  // required
    'zip' => '78701',
                                                  // required
    'lat' => 30.263706,
                                                  // required
    'lng' = -97.741703,
                                                  // required
    'remarks' => 'Be nice to napoleon'
                                                  // optional
);
```

- addressline1 the street information for the origin or destination. Required.
- address line2 additional information for the address for the origin or destination (ie suite number).
 Optional.

- company_name the name of the business for the origin or destination. Required.
- first_name the first name of the contact at the origin or destination. Required.
- last_name the last name of the contact at the origin or destination. Required.
- **phone** the contact number at the origin or destination. Required.
- email the email address for the origin or destination. Required.
- city the city for the origin or destination. Required.
- **state** the state for the origin or destination. Required.
- **zip** the zip code for the origin or destination. Required.
- lat the latitude for the origin or destination. Required.

- Ing the longitude for the origin or destination. Required.
- remarks additional instructions for the origin or destination. Optional.

Order details data.

The details contain attributes about the order

```
$details = array(
    'quantity' => 1,
                                              // required
    'weight' => 5,
                                              // required
    'eta' => '448.5',
                                              // required
    'distance' => '0.64',
                                              // required
    'price' => '13.99',
                                             // required
    'ready_date' => time(),
                                             // required
    'type' => 'two hr',
                                             // required
    'reference name' => 'Reference Name',
                                            // optional
    'reference code' => 'Reference Code'
                                             // optional
);
```

- quantity the number of packages in the order. Required.
- weight the weight of the packages in the order. Required.
- eta the eta from the origin to the destination. Should use the value retrieved in the getEstimate call. Required.
- **distance** the distance from the origin to the destination. Should use the value retrieved in the getEstimate call. Required.
- price the price for the order. Should use the value retrieved in the getEstimate call.. Required.
- ready_date the unix timestamp (seconds) indicating when the order can be picked up. Can be up to 60 days into the future. Required.
- type the order window. Can be asap, twohr, or fourthr depending on the ready_date. Required.
- reference_name a field for your internal referencing. Optional.

* reference_code - a field for your internal referencing. Optional.

Once this data is created, you can create the order.

```
$new_order = array(
    'origin' => $origin,
    'destination' => $destination,
    'details' => $details
);

$result = $brawndo->order->create($new_order);
```

Note that if you want to create this order on behalf of a managed client as an enterprise client user you will need to specify the company_id.

```
$new_order = array(
    'origin' => $origin,
    'destination' => $destination,
    'details' => $details,
    'company_id' => $company_id
);

$result = $brawndo->order->create($new_order);
```

The data in the return value will contain the id of the new order as well as the url where you can track the order progress.

Cancelling an order

```
//Cancel an order created for the client that your keys represent
$order_id = '12345fedcba67890abcdef';
$result = $brawndo->order->cancel($order_id);

//Cancel an order created for a managed client that is a descendant of your enterprise client that your keys represent
$order_id = '123321abcdeffedcba6789';
$company_id = '1111111111111';
$result = $brawndo->order->cancel($order_id, $company_id);
```

• order_id - the id of the order to cancel.

* company_id - if you are using brawndo as an enterprise client that manages other dropoff clients you can specify

the managed client id who you would like to cancel an order for. This is optional and only works for enterprise clients.

An order can be cancelled in these situations

- The order was placed less than ten minutes ago.
- The order ready time is more than **one hour** away.
- The order has not been picked up.
- The order has not been cancelled.

Getting a specific order

```
//Read an order created for the client that your keys represent
$order_id = '12345fedcba67890abcdef';
$result = $brawndo->order->read($order_id);

//Read an order created for a managed client that is a descendant of your enterprise client that your keys represent
$order_id = '123321abcdeffedcba6789';
$company_id = '1111111111111';
$result = $brawndo->order->read($order_id, $company_id);
```

order id - the id of the order to read.

* company_id - if you are using brawndo as an enterprise client that manages other dropoff clients you can specify the managed client id who's order you would like to read. This is optional and only works for enterprise clients.

Example response

```
array(3) {
   ["data"]=>
   array(3) {
    ["destination"]=>
    array(16) {
```

```
["zip"]=>
  string(5) "78701"
  ["lng"]=>
  float(-97.740838)
  ["city"]=>
  string(6) "Austin"
  ["last_name"]=>
  string(7) "Bobobob"
  ["createdate"]=>
  int(1455807688)
  ["email_address"]=>
  string(22) "deliveries@dropoff.com"
  ["updatedate"]=>
  int(1455807688)
  ["company_name"]=>
  string(12) "Dropoff Inc."
  ["address_line_1"]=>
  string(17) "800 Brazos Street"
  ["order_status_code"]=>
  int(0)
  ["phone_number"]=>
  string(10) "8444376763"
  ["address_line_2"]=>
  string(3) "250"
  ["state"]=>
  string(2) "TX"
  ["first_name"]=>
  string(5) "Algis"
  ["order_id"]=>
  string(13) "61AE-Ozd7-L12"
  ["lat"]=>
 float(30.269967)
["details"]=>
array(23) {
  ["distance"]=>
  string(4) "0.64"
  ["timezone"]=>
  string(15) "America/Chicago"
  ["time_frame"]=>
  string(6) "two_hr"
  ["simulation"]=>
 bool(false)
  ["createdate"]=>
  int(1455807688)
```

```
["type"]=>
  string(3) "2HR"
  ["utc_offset_minutes"]=>
  int(-360)
  ["updatedate"]=>
  int(1455807688)
  ["price"]=>
  string(5) "13.99"
  ["order_status_code"]=>
  int(0)
  ["quantity"]=>
  int(1)
  ["wait_time"]=>
  int(0)
  ["pickupETA"]=>
  string(3) "TBD"
  ["weight"]=>
  int(5)
  ["signed"]=>
  string(5) "false"
  ["readyforpickupdate"]=>
  int(1455893912)
  ["market"]=>
  string(6) "austin"
  ["service_type"]=>
  string(8) "standard"
  ["order_status_name"]=>
  string(9) "Submitted"
  ["signature_exists"]=>
  string(2) "NO"
  ["customer_name"]=>
  string(10) "Algis Woss"
  ["order_id"]=>
  string(13) "61AE-Ozd7-L12"
  ["deliveryETA"]=>
  string(5) "448.5"
["origin"]=>
array(17) {
  ["zip"]=>
  string(5) "78701"
  ["lng"]=>
  float(-97.741703)
  ["city"]=>
  string(6) "Austin"
```

```
["last_name"]=>
      string(6) "Bonner"
      ["createdate"]=>
      int(1455807688)
      ["market"]=>
      string(6) "austin"
      ["email address"]=>
      string(27) "orders@gussfriedchicken.com"
      ["updatedate"]=>
      int(1455807688)
      ["company_name"]=>
      string(19) "Gus's Fried Chicken"
      ["address_line_1"]=>
      string(20) "117 San Jacinto Blvd"
      ["order_status_code"]=>
      int(0)
      ["phone_number"]=>
      string(10) "5124744877"
      ["state"]=>
     string(2) "TX"
      ["first_name"]=>
      string(8) "Napoleon"
      ["order_id"]=>
      string(13) "61AE-Ozd7-L12"
      ["remarks"]=>
      string(19) "Be nice to napoleon"
      ["lat"]=>
     float(30.263706)
   }
 }
  ["success"]=>
 bool(true)
 ["timestamp"]=>
 string(25) "2016-02-26T14:21:09+00:00"
}
```

Getting a page order

```
// Get the first page of orders for your client
$result = $brawndo->order->readPage();

// Get the page of orders for your client following the given last key.
$last_key = 'adfsjlhksadfjklfdasjklfadsjklfadsjklafsdjhk'
$result = $brawndo->order->readPage($last_key);

// Get the first page of orders for a managed client
$company_id = '111111111111111';
$result = $brawndo->order->readPage(NULL, $company_id);

// Get the page of orders for a managed client following the given last key.
$last_key = 'adfsjlhksadfjklfdasjklfadsjklfadsjklafsdjhk'
$company_id = '1111111111111';
$result = $brawndo->order->readPage($last_key, $company_id);
```

• last_key - the id of the order to read.

* company_id - if you are using brawndo as an enterprise client that manages other dropoff clients you can specify the managed client id who's order pages you would like to read. This is optional and only works for enterprise clients.

Example response

```
array(7) {
  ["count"]=>
  int(10)
  ["data"]=>
  array(10) { ..... }
  ["total"]=>
  int(804)
  ["success"]=>
 bool(true)
  ["timestamp"]=>
  string(25) "2016-02-26T14:26:32+00:00"
  ["last_key"]=>
  string(172) "/YrqnazKwAui730mLfYT3eSEctmIAyzlEt80lkZJAJB4QyAhjH0ukYdJBI0w2Dcgl4/7k4
pO6JTxP/U4hGXkH9kCVaqijcQU97FvxfABqjBSsJEt+Kh3igFeFgBZ3CV+JUn6ODMbhc9KXMnwEXx0fQ54D31
pY3jJHLh5xvFQmOM="
}
```

Use last_key to get the subsequent page of orders.

Tips

You can create, delete, and read tips for individual orders. Please note that tips can only be created or deleted for orders that were delivered within the current billing period. Tips are paid out to our agents and will appear as an order adjustment charge on your invoice after the current billing period has expired. Tip amounts must not be zero or negative. You are limited to one tip per order.

Creating a tip

Tip creation requires two parameters, the order id (order_id) and the tip amount (amount).

```
$order_id = 'abcdef0987654321fedcba';
$amount = 13.33;
$result = $brawndo->order->tip->create($order_id, $amount);

$order_id = '1234567890abcdef54321';
$amount = 22.22;
$company_id = '1111111111111';
$result = $brawndo->order->tip->create($order_id, $amount, $company_id);
```

- order_id the order id you want to add the tip to.
- amount the amount of the tip.

* company_id - if you are using brawndo as an enterprise client that manages other dropoff clients you can specify the managed client id who who has an order you want to add a tip to. This is optional and only works for enterprise clients.

Deleting a tip

Tip deletion only requires the order id (order_id).

```
$order_id = 'abcdef0987654321fedcba';
$result = $brawndo->order->tip->delete($order_id);

$order_id = '1234567890abcdef54321';
$company_id = '111111111111';
$result = $brawndo->order->tip->delete($order_id, $company_id);
```

• order_id - the order id you want to delete the tip from.

* company_id - if you are using brawndo as an enterprise client that manages other dropoff clients you can specify the managed client id who who has an order you want to remove a tip from. This is optional and only works for enterprise clients.

Reading a tip

Tip reading only requires the order id (order_id).

```
$order_id = 'abcdef0987654321fedcba';
$result = $brawndo->order->tip->read($order_id);

$order_id = '1234567890abcdef54321';
$company_id = '1111111111111';
$result = $brawndo->order->tip->read($order_id, $company_id);
```

Example response:

```
array(4) {
    ["amount"]=>
    string(5) "13.33"
    ["description"]=>
    string(32) "Tip added by Dropoff(Algis Woss)"
    ["createdate"]=>
    string(25) "2016-02-26T14:33:15+00:00"
    ["updatedate"]=>
    string(25) "2016-02-26T14:33:15+00:00"
}
```

• order_id - the order id who's tip you want to see.

* company_id - if you are using brawndo as an enterprise client that manages other dropoff clients you can specify the managed client id who who has an order who's tip you want to see. This is optional and only works for enterprise clients.

Webhooks

You may register a server route with Dropoff to receive real time updates related to your orders.

Your endpoint must handle a post, and should verify the X-Dropoff-Key with the client key given to you when registering the endpoint.

The body of the post should be signed using the HMAC-SHA-512 hashing algorithm combined with the client secret give to you when registering the endpoint.

The format of a post from Dropoff will be:

```
{
    count : 2,
    data : [ ]
}
```

- count contains the number of items in the data array.
- data is an array of events regarding orders and agents processing those orders.

Backoff algorithm

If your endpoint is unavailable Dropoff will try to resend the events in this manner:

- Retry 1 after 10 seconds
- Retry 2 after twenty seconds
- Retry 3 after thirty seconds
- · Retry 4 after one minute
- Retry 5 after five minutes
- Retry 6 after ten minutes
- Retry 7 after fifteen minutes
- · Retry 8 after twenty minutes
- Retry 9 after thirty minutes
- Retry 10 after forty five minutes
- All subsequent retries will be after one hour until 24 hours have passed

If all retries have failed then the cached events will be forever gone from this plane of existence.

Events

There are two types of events that your webhook will receive, order update events and agent location events.

All events follow this structure:

```
{
    event_name : <the name of the event ORDER_UPDATED or AGENT_LOCATION>
    data : { ... }
}
```

event_name is either ORDER_UPDATED or AGENT_LOCATION

• data contains the event specific information

Order Update Event

This event will be triggered when the order is either:

- Accepted by an agent.
- · Picked up by an agent.
- Delivered by an agent.
- · Cancelled.

This is an example of an order update event

```
{
    event_name: 'ORDER_UPDATED',
    data: {
        order_status_code: 1000,
        company_id: '7df2b0bdb418157609c0d5766fb7fb12',
        timestamp: '2015-05-15T12:52:55+00:00',
        order_id: 'klAb-zwm8-mYz',
        agent_id: 'b7aa983243ccbfa43410888dd205c298'
    }
}
```

- orderstatuscode can be -1000 (cancelled), 1000 (accepted), 2000 (picked up), or 3000 (delivered)
- company_id is your company id.
- timestamp is a utc timestamp of when the order occured.
- order_id is the id of the order.
- agent_id is the id of the agent that is carrying out your order.

Agent Location Update Event

This event is triggered when the location of an agent that is carrying out your order has changed.

```
{
    event_name: 'AGENT_LOCATION',
    data: {
        agent_avatar: 'https://s3.amazonaws.com/com.dropoff.alpha.app.workerphoto/b7a
    a983243ccbfa43410888dd205c298/worker_photo.png?AWSAccessKeyId=AKIAJN2ULWKTZXXEOQDA&Ex
    pires=1431695270&Signature=AFKNQdT331h1EddrGp0kINAR4uw%3D',
        latitude: 30.2640713,
        longitude: -97.7469492,
        order_id: 'klAb-zwm8-mYz',
        timestamp: '2015-05-15T12:52:50+00:00',
        agent_id: 'b7aa983243ccbfa43410888dd205c298'
    }
}
```

- agent_avatar is an image url you can use to show the agent. It expires in 15 minutes.
- latitude and longitude reflect the new coordinates of the agent.
- timestamp is a utc timestamp of when the order occured.
- order_id is the id of the order.
- agent_id is the id of the agent that is carrying out your order.

Managed Client Events

If you have registered a webhook with an enterprise client that can manager other clients, then the webhook will also receive all events for any managed clients.

So in our hierarchical <u>example</u> at the start, if a webhook was registered for **EnterpriseCo Global**, it would receive all events for:

- EnterpriseCo Global
- EnterpriseCo Europe
- EnterpriseCo Paris
- EnterpriseCo London
- EnterpriseCo Milan
- EnterpriseCo NA
- EnterpriseCo Chicago
- EnterpriseCo New York
- EnterpriseCo Los Angeles

Simulating an order

You can simulate an order via the brawndo api in order to test your webhooks.

The simulation will create an order, assign it to a simulation agent, and move the agent from pickup to the destination.

You can only run a simulation once every fifteen minutes.

```
$result = $brawndo->$order->$simulate('austin');
```