

Miami Beach Application Project



API Documentation

Name	Route_ID	Line_Ref	Operator_Ref
Collins Express	2362_33419	33419	2362
North Beach Loop	2362_33417	33417	2362
Middle Beach Loop	2362_33418	33418	2362
South Beach Loop A	2362_33422	33422	2362
South Beach Loop B	2362_67978	67978	2362

Get Miami Beach Trolley routes and stops

Method
GET
URL
<code>https://comb.tracktrolley.com/oba-api-comb/api/where/stops-for-route/{Route_ID}.json</code>
Params
<code>key=org.onebusaway.iphone</code>
<code>includePolylines=true</code>

```
1 response = {
2   "code": int,
3   "currentTime": int,
4   "data": {
5     "entry": {
6       "polylines": [
7         {
8           "length": int,
9           "levels": str,
10          "points": str
11        }
12      ],
13      "routeId": str,
14      "stopGroupings": [
15        {
16          "ordered": bool,
17          "stopGroups": [
18            {
19              "id": str,
20              "name": {
21                "name": str,
22                "names": [str],
23                "type": str
24              },
25              "polylines": [
26                {
27                  "length": int,
28                  "levels": str,
29                  "points": str
30                }
31              ],
32              "stopIds": [str],
33              "subGroups": []
34            }
35          ],
36          "type": str
37        }
38      ],
39      "stopIds": [str]
40    },
41  }
```

```

1      "references": {
2          "agencies": [
3              {
4                  "disclaimer": str,
5                  "email": str,
6                  "fareUrl": str,
7                  "id": str,
8                  "lang": str,
9                  "name": str,
10                 "phone": str,
11                 "privateService": bool,
12                 "timezone": str,
13                 "url": str
14             }
15         ],
16         "routes": [
17             {
18                 "agencyId": str,
19                 "color": str,
20                 "description": str,
21                 "id": str,
22                 "longName": str,
23                 "shortName": str,
24                 "textColor": str,
25                 "type": int,
26                 "url": str
27             }
28         ],
29         "situations": [],
30         "stops": [
31             {
32                 "code": str,
33                 "direction": str,
34                 "id": str,
35                 "lat": float,
36                 "locationType": int,
37                 "lon": float,
38                 "name": str,
39                 "routeIds": [str],
40                 "wheelchairBoarding": str
41             }
42         ],
43         "trips": []
44     },
45     "text": str,
46     "version": int
47 }
48 }
49

```

Get Miami Beach Trolley informations (Live Positions)

Method
GET
URL
https://comb.tracktrolley.com/oba-api-comb/siri/vehicle-monitoring
Params
key=org.onebusaway.iphone
OperatorRef={Operator_Ref}
LineRef={Line_Ref}
type=json

```
1 response = {
2   "Siri": {
3     "ServiceDelivery": {
4       "ResponseTimestamp": str,
5       "VehicleMonitoringDelivery": [
6         {
7           "VehicleActivity": [
8             {
9               "MonitoredVehicleJourney": {
10                 "LineRef": str,
11                 "DirectionRef": str,
12                 "FramedVehicleJourneyRef": {
13                   "DataFrameRef": str,
14                   "DatedVehicleJourneyRef": str
15                 },
16                 "JourneyPatternRef": str,
17                 "VehicleMode": [str],
18                 "PublishedLineName": str,
19                 "OperatorRef": str,
20                 "OriginRef": str,
21                 "DestinationRef": str,
22                 "DestinationName": str,
23                 "SituationRef": [],
24                 "Monitored": bool,
25                 "VehicleLocation": {
26                   "Longitude": float,
27                   "Latitude": float
28                 },
29                 "Bearing": float,
30                 "ProgressRate": str,
31                 "BlockRef": str,
```

```

1         "VehicleRef": str,
2         "MonitoredCall": {
3             "AimedArrivalTime": str,
4             "ExpectedArrivalTime": str,
5             "ExpectedDepartureTime": str,
6             "Extensions": {
7                 "Distances": {
8                     "PresentableDistance": str,
9                     "DistanceFromCall": float,
10                    "StopsFromCall": int,
11                    "CallDistanceAlongRoute": float
12                },
13                "Deviation": str
14            },
15            "StopPointRef": str,
16            "VisitNumber": int,
17            "StopPointName": str
18        },
19        "OnwardCalls": {}
20    },
21    "RecordedAtTime": str
22    }
23    ],
24    "ResponseTimestamp": str,
25    "ValidUntil": str
26    }
27    ],
28    "SituationExchangeDelivery": []
29    }
30    }
31 }

```