atriis

DOCUMENTATION

GET TRIP API v3.3

Published: July 2024

atriis

Table of Contents

Get Trip Release	What is new in this release version

3.3.0.xxx	Added 2 new fields:
	
	• **IsPrimaryPassenger**
	   o Under Passengers Section, After "Guest"
	   o Boolean - True, False
	   o Optional - N
	   o Description: Was the passenger selected as the primary passenger in the trip?
	   o If only one pax - will be shown True.
	• **CarDriverPassengerID**:
	   o Under Car Segment, after ConfirmNo
	   o Integer
	   o Optional - Y
	   o Description: PassengerID of the selected driver in the car booking
	   o Limitation: Not applicable for manual quotes

3.2.1.xxx	• **Update field** - Flights - Ticket numbers standardization. Structural display of the ticket numbers was standardized. In earlier versions there was no standardization as the values were taken directly from the providers. We have harmonized this, so a ticket number value will be the same regardless the booking source.
3.2.0.xxx	GetTrip Version 3.2.0 changes and redesign documentation We have cleaned up our documentation and added more content to the fields and where they come from. As this is a big task, we will continue to do so in upcoming versions. The release information will from now on, no longer hold the entire history of changes. As such we have added a column for the release version in the GetTrip documentation. Allowing you to historically see what has changed. It's also easier to search inside the documentation to find which fields have been added, changed or updated based on the Release number.
3.2.0.xxx	• **Sort** all Header fields to be on top of the GetTrip JSON file We have update the structure to be more cleaner in reading a file data. As such all header content on the top of the file, followed by the respective quote arrays • **New field** - Header – GetTripVersionNumber

atriis

Get Trip Release	What is new in this release version
	You will now be able to see in the JSON file which programming version we are using. As such you will be able to easier trace the differences and patches we have loaded trough file and documentation • **Fix field** - CarSegment – CarVendorName The field used to be the same as the CarVendorCode • **Fix field** - CarSegment - LocationName The field used to be the same as the LocationCode • **Fix field** - Hotel quote - TotalCostDisplayCurrency refer to same amount as TotalCost The calculation method in both fields were different although the only difference should have been the currency conversion. We have change this so both calculation methods are equal We have added some other **new fields**. Some of them really new, others are just an equivalent in DisplayCurrency that were missing all along. • New field - CarSegment - SunnyCarsFleet • New field – Flights - EMDTicketInfo - PassengerID • New field - Flights - IsNDC • New field – Flights - LowestFareDisplayCurrency • New field – Flights - RefundFareDisplayCurrency • New field – Flights - RefundPenaltyDisplayCurrency • New field – Flights - RefundTaxDisplayCurrency • New field – Flights - TicketTotalCost • New field – Flights - TotalRefundDisplayCurrency • New field – Flights - TravelerFlightInfo - MiddleName • New field - Manual Quotes – Comments • New field - Manual Quotes - TotalCost • New field - RailSegment – BMISNumber for Deutsche Bahn • **Update field** - Flights - Ticket numbers standardization. A significant change was done to the structural display of the ticket numbers. There was no standardization as the values were taken directly from the providers. We have harmonized this, so a ticket number value will be the same regardless the booking source. • **Update Quote Array** As you have been notified, we no longer support SourceSystem Heathrow Express. As a result the Quote has been removed from the documentation. Please not that in the GetTrip you will still get the main Quote array.

atriis

API Service definition

ATRIIS API REST services allow ATRIIS customers to get trip information.

```
┌─────────────────────────┐              ┌─────────────────────────┐
│  Trip Active Updates     │─────────────▶│   Get Trip              │
└─────────────────────────┘              └─────────────────────────┘
```

This API contains two services, Get Trip Updates and Get Trip

Trip Active Updates purpose is to present you with all of the trips, which were created or updated in GTP.

Get trip purpose is to present you with a specific trip details, per product.

 For example, you can use Trip Active Updates to get a list of trips which were created or updated in GTP, then you can query GTP on each and every trip in order to get the updated information of all products in each trip.

The following describes each method within the service and defines their inputs and outputs.

Authorization API

The first step in the integration process is to create an authorization request. The purpose of this is to receive the TokenId which you will submit with every request in future as authentication and identification. In authorization request there are some fields that must be submitted.

URL: POST https://gtp.azure-api.net/Authorize/
Query Parameters:
    client_id=gtp_ro
    client_secret=216cc84e-a4ba-46f3-ad0b-dc74f34efb8b
    grant_type=password
    username = {username} – request the creation of a user on GTP by Atriis or TMC
    password={password} – pwd for username
    scope=openid profile roles backendAPI
Headers:
    Ocp-Apim-Subscription-Key={API KEY]

How to obtain your API KEY?

Please sign up using one of the links below (your Atriis contact will advise if you should register to staging or production):

Staging: https://tmc2staging.developer.azure-api.net/signup
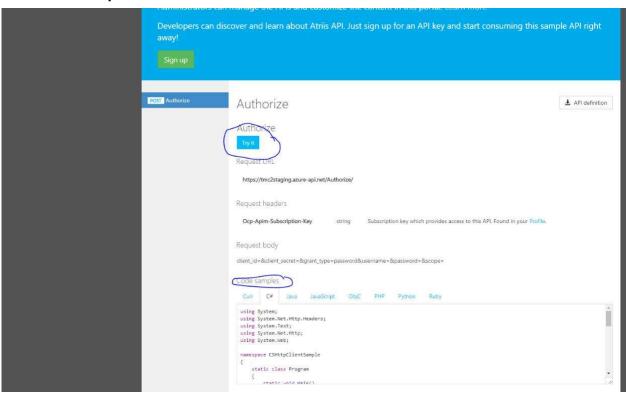Production: https://gtp.developer.azure-api.net/signup

Once Atriis administrator will approve your subscription, you will get an API KEY.

atriis

Your API key will be visible in the Atriis Developer Portal. Which allows you to also try the API's. For more information on the Developer Portal, please contact your Atriis representative.

Example of how to get a token in C# - In addition there is an example on the ATRIIS portal,

```
    var client = new HttpClient();
        // Request headers
      client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-
Key", "df4f6781c2284807adf56884393faa5c");
        var tokenUri = "https://tmc2staging.azure-api.net/Authorize";
        HttpResponseMessage tokenResponse;
Passengers
        // Request body
        byte[] byteData = Encoding.UTF8.GetBytes("client_id=gtp_ro&client_secret=216cc84e-a4ba-46f3-
ad0b-
dc74f34efb8b&grant_type=password&username={username}&password={password}&scope=openid
profile roles backendAPI");

         using (var content = new ByteArrayContent(byteData))
        {
           tokenResponse = client.PostAsync(tokenUri, content).Result;
        }
        string tokenResponseBody = tokenResponse.Content.ReadAsStringAsync().Result;
        dynamic stuff = JsonConvert.DeserializeObject(tokenResponseBody);
        var token = stuff.access_token;
```

Example from ATRIIS portal

atriis

Credit Card Encryption

In case you require the full credit card number, you will need to offset another API to decrypt the Card number.

For the decryption process you will require an additional API CC encryption Key.

Please contact your Atriis representative to request this "shared key".

In case of permission: "Allow Send Full CC Information in GTP" full encrypted credit card number will be replied.

The encryption was made in AES 256 algorithm.

Please see example in C# how to decrypt the string.

```csharp
public void Decrypt()

 {
     byte[] iv =

    Convert.FromBase64String("Hf3P7Zgnl4Fys9pGhx0mhA=="); byte[]

    key = Convert.FromBase64String("YOUR SHARED KEY");

     string encryptedString = "8wdhoJ841sgIBRIqdpJB6xT0cAe2WWyxAsufLcLP0qw="; -- this is string

     from get trip API var decryptedString = CryptographyServices.DecryptString(encryptedString, key,

     iv);

 }
```

atriis

API: GetActiveTrips

In order to know which trips have been created, changed, removed. You need to start with API Request to know which trips have been created. This API request is called GetActiveTrips. As a result, the API service will return you with a list of all tripId numbers which have movement on them as per the requested time phrame.

URL:
Staging : https://tmc2staging.azure-api.net/v3/tripactiveupdates
Production: https://gtp.azure-api.net/v3/tripactiveupdates

Method: **POST**

GetActiveTrips Request

Field Name	Type	Optional	Comments	Version
- AgencyId	Integer	N	"Provided by Atriis or you can find this value by opening the Admin Centre in GTP The value is displayed in the browser URL. https://www.gtp-marketplace.com/AgencyAdministration/111111#/Agency/111111 You can only request content from an Agency for which you have a token created with a username & password allowed to work with that particular Agency Code."	1.3.3
- OrganizationUnitId	Integer	Y	"Provided by Atriis or you can find this value in the Admin Centre on GTP in the section Organization Units. The value is displayed in the browser URL when select a Unit. https://www.gtp-marketplace.com/AgencyAdministration/111111#/Agency/111111/OrganizationUnit/33333 This request input is optional. If you do not fill it, you will get content from all active OrganizationUnitId's"	1.x.x
- isDeleteLines	Boolean	Y	"default value: isDeleteLines = true in case isDeleteLines = true, the lines will be deleted, else the lines will not be deleted. The deleted lines method is dedicated for a developers use, as once the get trip is being requested upon an update to the profile the records are being deleted from our DB table until the next time a change will be made to the record. By using this method its allowing to send a request without deleting the lines."	1.3.7
- From	DateTime	N	Set your 'From' Date as filter to the requested info.	2.x.x
- To	DateTime	N	Set your 'To' Date as filter to the requested info.	2.x.x

GetActiveTrips Response

Field Name	Type	Definition	Optional	Comments
- TripActiveUpdates	TripActiveUpdates[]		N	
-- TripId	int		N	Atriis Trip Id
-- TripProducts	Enum[]		N	(0) Flight, (1) Hotel, (2)Car, (3)Rail - HeathrowExpress, (4)Transfer-GroundScope, (4)Rail - Evolvi, (5) Rail-Amtrak, (6)Parking, (7)Manual, (8) , (9)All, (10)Rail, (11) ,(12)Transfer-Transferz
-- Timestamp	DateTime		N	"2021-04-20T10:05:22"

atriis

Sample:

JSON Request:

```
{
  "AgencyId": 123456,
  "OrganizationUnitId": null,
  "From": "2021-01-01T00:00:00",
  "To": "2021-05-26T15:32:20"
}
```

JSON Response:

```
[{
    "TripId": 1093272,
    "TripProducts": [0, 1],
    "Timestamp": "2021-04-20T10:05:22"
  }, {
    "TripId": 1093272,
    "TripProducts": [0],
    "Timestamp": "2021-04-21T11:15:32"
  }]
]
```

API: GetTrip

URL:

Staging: https://tmc2staging.azure-api.net/v3/Trips
Production: https://gtp.azure-api.net/v3/Trips

Method: **POST**

GetTrip Request

Field name	Type	Definition	Optional	Comments	Version
TripId	Integer		N	Trip Id	3.3
Currency	String		N	3 letter currency code = DisplayCurrency in the GetTrip JSON response file	3.3
AgencyId	Integer		N	Will be provided by Atriis, listed in ini.TMCExport/Label.AgencyID	3.3
TripProduct	Enum		Y	(0) Flight, (1) Hotel, (2)Car, (3)Rail - HeathrowExpress, (4)Transfer-GroundScope, (4)Rail - Evolvi, (5) Rail-Amtrak, (6)Parking, (7)Manual, (8) , (9)All, (10)Rail, (11) ,(12)Transfer-Transferz Optional request. If not filled all TripProducts will be selected. Else only the values you define in the array. This function allows you i.e. to only download the Hotel content	4.2

GetTrip Response

For detailed documentation of the GetTrip Response in .xlsx format as well as sample .json – please refer to the Zendesk article.