Car Data API's:
Autoconnect CARWIZARD Residual Value
REST API v1.0

Version: 06/2017

The Autoconnect CARWIZARD Residual Values REST service is a REST service to look up current and future residual values for passenger cars and light commercial vehicles.

In order to use this service, you will require an API-key. Based on this key, we will keep track of every transaction. Only calls for versions and details of versions (with the catalog price) will be added to your invoice. You can retrieve makes and models for free.

1. Current Residual Value

The current residual value can be retrieved using the following URL:
https://api.inmotiv.be/Rest/carwizard/1.3/GetCurrentResValue?ApiKey=<Api-key>

Input

There are two mandatory fields:
- APi-key: the API key that was assigned to you by InMotiv
- Mileage: the vehicle's current mileage

The other fields may be filled in depending on which information you have on the vehicle.

Situation 1: You know the VIN number

In this case you fill in the following fields:
- VIN: the vehicle identification number
- Version ID: the ID of the commercial version in Autoconnect CARWIZARD. This ID can be looked up by using Autoconnect LOOKUPAPI.

Situation 2: You do **not** know the VIN number

In this case you fill in the following fields:
- Brand: the name of the vehicle make (brand).
- Model: the name of the vehicle model.
- VersionName: the name of the vehicle version, as detailed as possible (or better yet, as it is found in Autoconnect CARWIZARD).
- FuelType: the fuel/energy type of the combustion engine (incl 'electric').
- FirstRegistrationDate: the first date the vehicle has been taken into use.

- VersionCatalogPrice: the catalog price of the new vehicle, excluding options and packs.
- TotalCatalogPrice: the total price of the new vehicle, including options and packs.
- TotalCylinderCapacity: the vehicle's total cylinder capacity.
- HorsePower: the vehicle's combined power in HP (all engines).
- CO2Combined: The vehicle's combined CO^2 exhaust emission in g/km.
- Automatic: a nominal value (0 or 1) to indicate whether the vehicle has an automatic gear box.

Output

The output will be presented as followed:

```
<BlockV name="Residual Value" id="BlockV">
      <CurrentMileage>46865</CurrentMileage>
      <CatalogPrice unit="euro">14181.82</CatalogPrice>
      <B2Bvalue unit="euro">4919</B2Bvalue>
      <B2Cvalue unit="euro">7044</B2Cvalue>
      <C2Cvalue unit="euro">5923</C2Cvalue>
<OpinionIndication>B2B, B2C en C2C resultaten zijn inclusief, dan wel exclusief BTW,
afhankelijk van de opgave van de Consumentenprijs, Opties & Accessoires.
</OpinionIndication>
</BlockV>
```

We repeat the following input fields:
- CurrentMileage
- CatalogPrice

And these will be the calculated values:
- B2Bvalue: the value for business to business trading
- B2Cvalue: the value for business to consumer trading
- C2Cvalue: the value for consumer to consumer trading

2. Future Residual Value

The future residual value can be retrieved using the following URL:
https://api.inmotiv.be/Rest/carwizard/1.3/GetCurrentResValue?ApiKey=<Api-key>

Input

In this case there are six mandatory fields:
- APi-key: the API key that was assigned to you by InMotiv
- Mileage: the vehicle's current mileage
- ContractDuration: the duration in months for which we have to calculate the future residual value.
- ContractMileage: the increase in mileage (km) between start date and end date.

- <u>ContractKilometersYear</u>: the number of kilometers per year that the vehicle will drive in the considered period.
- <u>ContractPeriodicity</u>: the number of points per year for which you desire a calculation of the future residual value (in between start and end date).

The other fields may be filled in accordance to the information you currently hold on the vehicle, similar as how you enter the fields for the current residual value.

Output

Questions?

Do not hesitate to contact us should you need any further information:

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We also provide API-keys reserved for performing a limited amount of test calls, free of charge.