Introduction

This is the official documentation for the **Bilinfo Listing API V.3**.

Use this API to retrieve cars from Bilinfo in either JSON or XML. Requires a valid Bilinfo API account. Contact Bilinfo Customer Support at bilinfo@bilinfo.dk to get started.

We have made a demo account available for testing purposes:

```
Username: demo
Password: ocfB6XzF73
```

Get cars

Allows export of cars from Bilinfo.

GET https://gw.bilinfo.net**/listingapi/api/export**

Retrieves all cars (marked as external) from a Bilinfo account.

Headers

Authorization REQUIRED	string	**Basic access authentication.** Base64 encoded string of your provided Bilinfo credentials.
Accept OPTIONAL	string	Response can be either JSON or XML. Specify `application/json` or `application/xml`. If omitted response will be JSON.

Query Parameters

sinceDays OPTIONAL	number	Specifies a range in days between 1-14 back in time from current date. When set, response will be of type delta only containing cars created, modified or deleted within the given period.
sinceInternalCars OPTIONAL	boolean	Must be set in combination with `sinceDays`. If set to true, delta response will also include cars that have changed status from external to internal in Bilinfo.
dealerId OPTIONAL	string	GUID for a specific Bilinfo dealer - can be found in *Bilinfo -> Dealer settings*. When set, the response will contain only cars from the specified dealer. Available for conglomerate accounts.

● 200: OK

Sample reponse in JSON.

```json
{
  "ApiVersion": "3",
  "VehicleCount": 47,
  "Vehicles": [
    {
      "Id": "362385210",
      "Mileage": "55000",
      "Year": "2007",
      "Make": "Audi",
      "Model": "TT",
      "Variant": "V6 Coupé quattro S-tr.",
      "RegistrationDate": "06-10-2006",
      "ServiceBook": "true",
      "Color": "Gråmetal",
      "Type": "Personvogn",
      "TypeId": "P",
      "Motor": "3,2",
      "Propellant": "Benzin",
      "NumberOfDoors": "2",
      "NewPrice": "762964",
      "NumberOfGears": "6",
      "GearType": "A",
      "MotorVolume": "3200",
      "Effect": "250",
      "Cylinders": "6",
      "ValvesPerCylinder": "24",
      "DriveWheels": "4",
      "TrailerWeight": "0",
      "GasTankMax": "55",
      "LitresUsedPer100Km": "9,43",
      "KmPerLiter": "10,64",
      "Acceleration0To100": "5,7",
      "TopSpeed": "250",
      "EffectInNm": "320",
      "EffectInNmRpm": "2000",
      "Weight": "1430",
      "GreenTax": "6400",
      "GreenTaxPeriod": "12",
      "WeightTax": "3200",
      "WeightTaxPeriod": "6",
      "Payload": "400",
      "ModelSeries": "TT-Serie",
      "NumberOfAirbags": "6",
      "TotalWeight": "1830",
      "Length": "418",
      "Width": "184",
      "Height": "135",
      "BodyType": "Mellem Coupe 4x4 Aut.",
      "BodyTypes": [
        "Mellem",
        "Coupe",
        "4x4",
        "Aut."
      ],
```

```json
    "Comment": " aut., 19\" alufælge, vinterhjul, fuldaut. klima, alarm",
    "EquipmentList": [
     "ABSBrakes"
    ],
    "PictureCount": "2",
    "Pictures": [

"https://billeder.bilinfo.net/bilinfo/b35aae58-468a-48ab-9911-62f4f36ccf9a.jpg?class=S1600X1600",

"https://billeder.bilinfo.net/bilinfo/f10ca40d-d99d-433c-b3a8-
8679f4beb592.jpg?class=S1600X1600"
    ],
    "ModifiedDate": "21-04-2017 11:34:33",
    "CreatedDate": "05-04-2011 11:20:41",
    "Categories": [
     {
       "CategoryNumber": "-935143048",
       "CategoryName": "V6"
     }
    ],
    "SpecificationId": "287cd069-0dd4-c483-9d58-08cf06295de7",
    "VehicleId": "3601c9a6-28c9-ce36-c05e-08cf078f375e",
    "VehicleSourceId": "3601c9a6-28c9-ce36-c05e-08cf078f375e",
    "Price": "448480",
    "PriceType": "RetailPrice",
    "CashPrice": "448480",
    "SalesPriceType": "Retail",
    "AdvertisedTaxFreePrice": "300000",
    "ApprovedFuelEconomyMeasurementMethod": "nedc1",
    "DealerName": "Bilinfo XML Demo Feed",
    "DealerId": "447",
    "DealerGuid": "19808804-e60c-e011-90d0-0025b3e6b7d8",
    "DealerAlternativeName": "",
    "DealerAddressStreetLine1": "Axel Kiers Vej 11",
    "DealerAddressStreetLine2": "",
    "DealerAddressZipCode": "8270",
    "DealerAddressCity": "Højbjerg",
    "DealerPhoneNumber": "4",
    "DealerAlternativePhoneNumber": "96194415",
    "DealerEmail": "bilinfo@bilinfo.dk",
    "DealerWebsite": "https://www.bilinfo.dk",
    "DealerDeliveryCost": "2400",
    "DealerDeliveryCostNewCars": "2700",
    "DealerDeliveryCostVans": "3000",
    "DealerDeliveryCostNewVans": "3200",
    "DealerLicensePlatePrice": "1180"
  }
 ]
}
```

Identifying a car

Describes how to find a specific car in the feed.

`VehicleId` is the unique id of each listing. `VehicleSourceId` is the unique id of a car, as a car can have more than 1 listing. Do **not** use the field `Id` to identify the car as it is only present for legacy reasons and will be removed in a future version of the API.

Prices

Describes the different types of prices for a car.

In Bilinfo it is possible to select different types of prices for a car. The specific type is reflected in the response as `PriceType` and can have the following values:

- RetailPrice / Cashprice (inclusive of VAT and delivery cost)
- RetailPriceWithoutTax (exclusive of registration fee, inclusive of delivery cost)
- Leasing
- CallForPrice

Depending on the set price type `Price` will then hold the corresponding value. If retail price (aka. cash price in Bilinfo) is set, this always takes precedent in which case `PriceType` will be `RetailPrice`.

Wholesale

A car can also have a set wholesale price. In this case the following additional fields will be provided:

- WholesalePrice (exclusive of delivery cost)
- AdvertisedWholesalePrice (inclusive of delivery cost)

Tax free

Similarly a car can have a tax free price as well. The following additional field will then be provided:

- AdvertisedTaxFreePrice (<u>exclusive</u> of delivery cost. Should have been inclusive of delivery, this is a known bug.)

NOTE: if a tax free price and no retail price has been set in Bilinfo, `PriceType` will be `RetailPriceWithoutTax` and `Price` will hold the tax free price <u>inclusive</u> of delivery cost.

Leasing

When of price type `Leasing`, additional fields related to leasing will be available for the given car. Those will be (must be set in Bilinfo):

- `LeasingPrice`: number
- `LeasingType`: string
    - Financial
    - Operational
- `LeasingDuration`: number
- `LeasingDownPayment`: number
- `LeasingResidualValue`: number
- `LeasingTotalPayment`: number
- `LeasingYearlyMileage`: number
    - if −1 value has not been set in Bilinfo
- `LeasingIncludesInsurance`: boolean
- `LeasingServiceAndMaintenance`: string
    - IncludedWithoutTires
    - IncludedWithTires
    - NotIncluded
- `LeasingAudience`: string
    - NotSpecified
    - Private (price will be inclusive of VAT)
    - Business (price will be exclusive of VAT)

Multiple listings

Through Bilinfo a car can be advertised both with a retail price and a leasing price simultaneously. This setup will result in two different listings/objects in the response containing the same car, but with different price configurations.

In this respect the field `VehicleSourceId` will be used to identify the car whereas the `VehicleId` will be the unique id of each listing/object.

Deleted cars

Describes how to determine if a car has been deleted in Bilinfo.

When a car is sold it can be marked as such in Bilinfo thus technically being deleted. These deleted cars will only be visible in connection with a delta update – i.e. when the parameter sinceDays is used. See Get cars for more information.

A car will then have a field DeletedDate representing the date of deletion.

Images

Images are provided in different fixed resolutions.

The immediate url for each image in the response will always be the largest size available.

By changing the number in the end one will be able to get additional sizes:

E.g. https://billeder.bilinfo.net/bilinfo/b35aae58-468a-48ab-9911-62f4f36ccf9a.jpg?class=S**1600x1600**

64, 96, 140, 200, 225, 300, 400, 500, 640, 960, 1200, 1600

Video/360 image

For certain cars a video and/or a 360 degree image will be available.

Video: **<URL-to-embedded-player>**

The url can be embedded directly into an iframe. We recommend following the providers guidelines: https://www.dacast.com/player-api-documentation/

Picture360: **<URL-to-source-image>**
The provided image is raw meaning one will need a viewer to enable the functionality. We recommend using Google VR Viewer:
https://developers.google.com/vr/develop/web/vrview-web

Equipment

A list of all the equipment possibly available for a car.

ABSBrakes
AdaptiveCruiseControl
AdaptiveSuspension
Aircondition
Alarm
AlloyRims
AndroidAuto
AntiSpin
AppleCarplay
ArmRest
AutomaticClimateControl
AutomaticEmergencyBrake
AutomaticGear
AutomaticHighBeam
AutomaticLight
AutomaticParkingSystem
AutoStartStop
AUXConnection
BiXenonLamps
BlindSpotDetection
Bluetooth
BluetoothAudioStreaming
CabinHeater
CDPlayer
CentralLocking
CruiseControl
CurveLight
DABPlusRadio
DABRadio
DigitalCockpit
DualZoneClimateControl
electricComfortSeats
ElectricFoldableSideMirrors
ElectricFoldableSideMirrorsHeated
ElectricParkingBrake
ElectricTrunk
FabricSeats
FatigueDetection
FogLamps
FourZoneClimateControl
FullLEDHeadlights
GearShiftStearingWheel
GlassRoof
HeadupDisplay
HeatedSteeringWheel
HeightAdjustableDriversSeat
HeightAdjustableFrontSeat
ImitationLeather
Immobilizer
InfoCenter
IntegratedChildSeats
Internet
Isofix
KeylessGo
LaneAssist
LeatherSeats
LeatherSteeringWheel
LEDDrivingLights
LightWasher
LoweredSuspension
Navigation
NightVision
ParkingSensorBack
ParkingSensorFront
PartialLeatherSeats
PoweredFrontSeats
PoweredMirrors
PoweredMirrorsHeated
PoweredSunRoof
PoweredWindows
PowerWindows4
RearViewAutoDimming
RemoteCentralLocking
RemovableTowbar
ReverseCamera
RoofRails
SDCardReader
SeatHeater
ServiceOK
Servo
SplitBackSeat
SportSeats
SunRoof
SwingAwayTowbar
SwingAwayTowbarElectric
TaintedWindows
ThreeIndividualSeatsInBack
ThreeSixtyCamera
ThreeZoneClimateControl
TirePressureSystem
Towbar
TrafficSignRecognition
TripComputer
USBConnection
UsedCarCertificate
WirelessCellphoneCharging
XenonLight