eBihr: Catalogs Content

1. Introduction

This document describes the content of all Catalogs provided by eBihr APIs.

The "Structure" section will display a sample of the XML document. The JSON structure is identical. Some differences appear with CSV documents as they can't represent tree structure easily:

- Categories in references catalogs are represented as flattened path from main to (->) specific level
- Attributes names are only available in the user language

The "Field description" section will describe each attribute.

Remark: catalogs RiderGear (new in v2.1) and HardPart (new in v2.1) do not contain the entire list of available products in Bihr but only the area they represent. You need to get both of them to have the entire Bihr catalog.

2. References Catalog

2.1. Structure

```xml
<catalog version="1.1.6055" generated="2016-07-20 15:10:58">
      <categories>
            <category code="A" description="DIVERS">
                  (<category code="A1" description="VARIÉS">)?
                        <products>
                              <product productId="0040038"
                                    newPartNumber="1234567"
                                    barCode="0040038"
                                    commodityCode="3926909790"
                                    discountClass="C"
                                    furtherDescription=""
                                    height="0"
                                    publicPriceHT="99,999999"
                                    publicPriceTTC="99,99"
                                    endOfLifeProduct="true"
                                    ispartialshippingallowed="true"
                                    isremainingonbackorderallowed="true"
                                    length="0"
                                    longDescription_1=""
                                    longDescription_2=""
                                    longDescription_3=""
                                    salesMultiple="1"
                                    shortDescription_1="MINI MONTRE MOTO"
                                    shortDescription_2="ALERTE GEL"
                                    shortDescription_3="TEMP. AMBIANTE"
                                    volume="0"
                                    weight="0"
                                    width="0"
                                    brand-id="152">
                              </product>
                              <!-- multiple lines -->
                        </products>
                  (</category>
                  <!-- multiple lines -->)?
            </category>
            <!-- multiple lines -->
      </categories>
</catalog>
```

Remark: There can be sub-category and sub-sub-category levels in the hierarchy.

2.2. Fields description

Catalog Node

Attribute	Type	Description	Example
Version	String	Version of the Catalog	1.1.6055
Generated	DateTime	When the catalog was generated	2016-07-20 14:10:58

Category Node

Attribute	Type	Description	Example
Code	String	Category Code	AAA
Description	String	Category Description	DIVERS

Product Node

Attribute	Type	Description	Example
ProductId	String	Product Code	0040038
NewPartNumber	String	New Part Number	1234567
BarCode	String	Bar Code	0040038
CommodityCode	String	Commodity Code	3926909790
DiscountClass	String	Discount Code	C
FurtherDescription	String	Description	
PublicPriceHT	Decimal	Public Price excluding VAT	96,583333
PublicPriceTTC	Decimal	Public Price including VAT	115,90
EndOfLifeProduct	Boolean	If will soon be unavailable	false
IsPartialShippingAllowed	Boolean	If partial shipping is allowed	true
IsRemainingOnBackOrderAllowed	Boolean	If allowed for Back Order	true
LongDescription1	String	Long description 1	
LongDescription2	String	Long description 2	
LongDescription3	String	Long description 3	
ShortDescription1	String	Short Description 1	
ShortDescription2	String	Short Description 2	
ShortDescription3	String	Short Description 3	
SalesMultiple	Int	Number of units in one package	1
Height	Int	Height in mm	47
Length	Int	Length in mm	189
Width	Int	Width in mm	129
Volume	Int	Volume in cm^3	1146
Weight	Int	Weight in g	0
Band-id	Int	Brand Id	152

3. Extended References Catalog

3.1. Structure

```xml
<catalog version="1.1.6055" generated="2016-07-20 15:10:58">
      <brands>
            <brand id="1" name="BIHR"/>
            <!-- multiple lines -->
      </brands>
      <categories>
            <category code="A" description="DIVERS">
                  (<category code="A1" description="VARIÉS">)?
                        <products>
                              <product productId="0040038"
                                    newPartNumber ="1234567"
                                    barCode="0040038"
                                    commodityCode="3926909790"
                                    discountClass="C"
                                    furtherDescription=""
                                    height="0"
                                    publicPriceHT="99,999999"
                                    publicPriceTTC="99,99"
                                    endOfLifeProduct="true"
                                    ispartialshippingallowed="true"
                                    isremainingonbackorderallowed="true"
                                    length="0"
                                    longDescription_1=""
                                    longDescription_2=""
                                    longDescription_3=""
                                    salesMultiple="1"
                                    shortDescription_1="MINI MONTRE MOTO"
                                    shortDescription_2="ALERTE GEL"
                                    shortDescription_3="TEMP. AMBIANTE"
                                    volume="0"
                                    weight="0"
                                    width="0"
                                    brand-id="152">
                                    <title>
                                          <text lang="en"></text>
                                          <!-- multiple lines -->
                                    </title>
                                    <description>
                                          <text lang="en"></text>
                                          <!-- multiple lines -->
                                    </description>
                              </product>
                              <!-- multiple lines -->
                        </products>
                  (</category>
                  <!-- multiple lines -->)?
            </category>
      </categories>
</catalog>
```

Remark: There can be sub-category and sub-sub-category levels in the hierarchy.

3.2.   Fields description

Catalog Node

Attribute	Type	Description	Example
Version	String	Version of the Catalog	1.1.6055
Generated	DateTime	When the catalog was generated	2016-07-20 14:10:58

Brand Node

Attribute	Type	Description	Example
Id	Int	Brand Id	1
Name	String	Brand Name	Bihr

Category Node

Attribute	Type	Description	Example
Code	String	Category Code	AAA
Description	String	Category Description	DIVERS

Remark: Extended References Catalog is split by Product hierarchy. One file for each main level.

Code	Name
A	RIDER GEAR
B	VEHICLE PARTS & ACCESSORIES
C	LIQUIDS & LUBRICANTS
D	TIRES & ACCESSORIES
E	TOOLING & WS
G	OTHER PRODUCTS & SERVICES

Product Node

Attribute	Type	Description	Example
ProductId	String	Product Code	0040038
NewPartNumber	String	New Part Number	1234567
BarCode	String	Bar Code String	0040038
CommodityCode	String	Commodity Code	3926909790
DiscountClass	String	Discount Code	C
FurtherDescription	String	Web Description	
PublicPriceHT	Decimal	Public Price excluding VAT	96,583333
PublicPriceTTC	Decimal	Public Price including VAT	115,90
EndOfLifeProduct	Boolean	If will soon be unavailable	false
IsPartialShippingAllowed	Boolean	If partial shipping is allowed	true
IsRemainingOnBackOrderAllowed	Boolean	If allowed for Back Order	true
LongDescription1	String	Long description 1	
LongDescription2	String	Long description 2	
LongDescription3	String	Long description 3	
ShortDescription1	String	Short Description 1	
ShortDescription2	String	Short Description 2	
ShortDescription3	String	Short Description 3	
SalesMultiple	Int	Number of units in one package	1

Height	Int	Height in mm	47
Length	Int	Length in mm	189
Width	Int	Width in mm	129
Volume	Int	Volume in cm^3	1146
Weight	Int	Weight in g	0
Band-id	Int	Brand Id	152

4. Prices Catalog

4.1. Structure

```xml
<catalog version="1.1.6055" generated="2016-07-20 15:10:58">
      <prices>
            <price productId="0040038" newPartNumber="1234567"
            dealerPriceHT="99,999999"/>
            <!-- multiple lines -->
      </prices>
</catalog>
```

4.2. Fields description

Catalog Node

Attribute	Type	Description	Example
Version	String	Version of the Catalog	1.1.6055
Generated	DateTime	When the catalog was generated	2016-07-20 14:10:58

Price Node

Attribute	Type	Description	Example
ProductId	String	Product Code	0040038
NewPartNumber	String	New Part Number	1234567
DealerPriceHT	Decimal	Dealer Price excluding VAT	96,583333

5. Images Catalog

5.1.   Structure

```xml
<catalog version="1.1.6055" generated="2016-07-20 15:10:58">
      <products valid-until="2016-10-20 15:10:58">
            <product productId="0040038" newPartNumber="1234567"
            defaultDocumentId="ab/123456789" isDefault="true"/>
            <!-- multiple lines -->
      </products>
</catalog>
```

5.2.   Fields description

Catalog Node

Attribute	Type	Description	Example
Version	String	Version of the Catalog	1.1.6055
Generated	DateTime	When the catalog was generated	2016-07-20 14:10:58

Products Node

Attribute	Type	Description	Example
Valid-until	DateTime	When the Images URLs expire	2016-10-20 14:10:58

Product Node

Attribute	Type	Description	Example
ProductId	String	Product Code	0040038
NewPartNumber	String	New Part Number	1234567
DefaultDocumentId	String	URL FileName*	ab/123456789
IsDefault	Boolean	If it is the product's default image	false

* URL FileName must be prefixed with the Root URL provided by the ProductRootUrl REST API.

6. Attributes Catalog

6.1. Structure

```xml
<catalog generated="2016-07-20 15:10:58">
      <products>
            <product productId="0040038" newPartNumber="1234567">
                  <attributes>
                        <attribute id="1" value="front">
                        <!-- multiple lines -->
                  </attributes>
            </product>
            <!-- multiple lines -->
      </products>
      <attributes>
            <attribute id="1">
                  <text Lang="en">Attribute Name</text>
                  <!-- multiple lines -->
            </attribute>
            <!-- multiple lines -->
      </attributes>
</catalog>
```

6.2. Fields description

Catalog Node

Attribute	Type	Description	Example
Generated	DateTime	When the catalog was generated	2016-07-20 14:10:58

Product Node

Attribute	Type	Description	Example
ProductId	String	Product Code	0040038
NewPartNumber	String	New Part Number	1234567

Attribute Node

Attribute	Type	Description	Example
Id	Int	Attribute Id	1
Value	String	Attribute Value	Front

7. Inventory Catalog

7.1. Structure

```xml
<catalog generated="2016-07-20 15:10:58">
      <products>
            <product productId="0040038"
                  newPartNumber="1234567"
                  stockLevel="20"
                  stockLevelDescription="InStock"/>
            <!-- multiple lines -->
      </products>
</catalog>
```

7.2. Fields description

Catalog Node

Attribute	Type	Description	Example
Generated	DateTime	When the catalog was generated	2016-07-20 14:10:58

Product Node

Attribute	Type	Description	Example
ProductId	String	Product Code	0040038
NewPartNumber	String	New Part Number	1234567
StockLevel	Int	Stock Level Code (0, 10 or 20)	20
StockLevelDescription	String	OutOfStock, Short or InStock	InStock

8. RiderGear catalog (New in v2.1)

8.1. Structure

```xml
<catalog generated="2020-03-11 11:56:36">
    <products>
        <product productCode="433501XL"
            newPartNumber="1234567"
            supplierProductCode="HE008FFXL"
            brand="UFO"
            commodityCode="3926909790"
            mainCategory="Helmet"
            productName="SHOCK ORANGE HELMET XL"
            size="XL"
            color="Multi"
            collection="2020"
            designation="Casque UFO Warrior Shock orange T.XL"
            weight="1743"
            retailPriceIncludingTax="318,90"
            retailPriceExcludingTax="265,75"
            baseDealerPriceExcludingTax="93,01"
            barCode="433501XL"
            salesMultiple="1"
            stockValue="2"
            stockLevel="Short"
            defaultPicture="https://static-
            qual.bihr.net/v2/xlarge/34/3486c433dbe24591a303dfc24efd15e7.jpg"/>
        <!-- multiple lines -->
    </products>
</catalog>
```

8.2.   Fields description

Catalog Node

Attribute	Type	Description	Example
Generated	DateTime	When the catalog was generated	2020-03-11 11:56:36

Product Node

Attribute	Type	Description	Example
ProductCode	String	Product code	433501XL
NewPartNumber	String	New Part Number	1234567
SupplierProductCode	String	Supplier product code	HE008FFXL
Brand	String	Brand name	UFO
CommodityCode	String	Commodity Code	3926909790
MainCategory	String	Main category	Helmet
ProductName	String	Product name	
Size	String	Size	XL
Color	String	Color	Multi
Collection	String	Collection	2020
Designation	String	Detailed description	
Weight	Int	Weight in g	1743
RetailPriceIncludingTax	Decimal	Public price including VAT	318,90
RetailPriceExcludingTax	Decimal	Public price excluding VAT	265,75
BaseDealerPriceExcludingTax	Decimal	Dealer price excluding VAT without discount	93,01
BarCode	String	Bar code	433501XL
SalesMultiple	Int	Number of units in one package	1
StockLevel	String	OutOfStock, Short or InStock	Short
StockValue	Int	The stock at the beginning of the day	2
DefaultPicture	String	URL of the default picture	

9. HardPart catalog (New in v2.1)

9.1. Structure

```xml
<catalog generated="2020-03-11 11:56:36">
    <products>
        <product productCode="010046"
            newPartNumber="1234567"
            supplierProductCode="ESG432"
            brand="ELECTROSPORT"
            commodityCode="3926909790"
            mainCategory="Electrical"
            productName="STATOR YAMAHA"
            designation="ELECTROSPORT Stator Yamaha YFM350 Big Bear/YFM350X
            Warrior"
            weight="987"
            retailPriceIncludingTax="219,00"
            retailPriceExcludingTax="182,50"
            baseDealerPriceExcludingTax="118,63"
            barCode="ESG432"
            salesMultiple="1"
            stockValue="2"
            stockLevel="Short"
            defaultPicture="https://static-
            qual.bihr.net/v2/xlarge/93/93052d8c7db94caa9f20ccc48251eedc.jpg"/>
        <!-- multiple lines -->
    </products>
</catalog>
```

9.2. Fields description

Catalog Node

Attribute	Type	Description	Example
Generated	DateTime	When the catalog was generated	2020-03-11 11:56:36

Product Node

Attribute	Type	Description	Example
ProductCode	String	Product code	010046
NewPartNumber	String	New Part Number	1234567
SupplierProductCode	String	Supplier product code	ESG432
Brand	String	Brand name	ELECTROSPORT
CommodityCode	String	Commodity Code	3926909790
MainCategory	String	Main category	Electrical
ProductName	String	Product name	STATOR YAMAHA
Designation	String	Detailed description	
Weight	Int	Weight in g	987
RetailPriceIncludingTax	Decimal	Public price including VAT	219,00
RetailPriceExcludingTax	Decimal	Public price excluding VAT	182,50
BaseDealerPriceExcludingTax	Decimal	Dealer price excluding VAT without discount	118,63
BarCode	String	Bar code	ESG432
SalesMultiple	Int	Number of units in one package	1
StockLevel	String	OutOfStock, Short or InStock	Short
StockValue	Int	The stock at the beginning of the day	2
DefaultPicture	String	URL of the default picture	

10. Extended catalog

This file exists **only in zipped CSV** format and is generated **only once per week**.

Remark: Extended Catalog is **split by Brand**.

10.1. Fields description

Product Line

Attribute	Type	Description
PartNumber	String	Part Number
OldPartNumber	String	Part Number in old Bihr systems
SupplierProductCode	String	Part Number from the supplier
Brand	String	Brand name
ProductName	String	Product's raw description
Designation	String	Translated product's description from the website
RetailPriceIncludingTax	Decimal	Public price including VAT
RetailPriceExcludingTax	Decimal	Public price excluding VAT
BaseDealerPriceExcludingTax	Decimal	Dealer price excluding VAT without discount
BarCode	String	Bar code
StockValue	Integer	Weekly-refreshed stock value
CommodityCode	String	Commodity code for customs
OnDemand	Integer	1 when the Product is on demand, 0 otherwise
DropShipping	Integer	1 when the Product can be drop-shipped, 0 otherwise
HtmlDescription	String	HTML description from the website
Description	String	Description from the website without HTML tag
Category1	String	Merchandise Category Hierarchy's highest level
Category2	String	Merchandise Category Hierarchy's medium level
Category3	String	Merchandise Category Hierarchy's lowest level
V- Attribute 1	String	Variance attribute's name prefixed with a "V-"
…		
V- Attribute N	String	
Volume (cm³)	Integer	Volume in cubic centimeters
Weight (g)	Integer	Weight in grams
Length (mm)	Integer	Length in millimeters
Width (mm)	Integer	Width in millimeters
Height (mm)	Integer	Height in millimeters
Attribute 1	String	Attribute's name
…		…
Attribute N	String	
Picture1	String	Picture links in columns
…		
Picture10	String	
AllPicturesZIP	String	A link to a ZIP file with all the pictures

Document1	String	Document links in column
…		
Document5		