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BUSINESS PLATFORM

Tyre24 Plattform XML Interface - Manual

Retailer XML – Interface 4.0

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Introduction

About the Document

The Tyre24 XML – Interface enables our registered retailer, to comfortably fetch all recent orders in XML via HTTPS-Request to process them automatically.

Change History

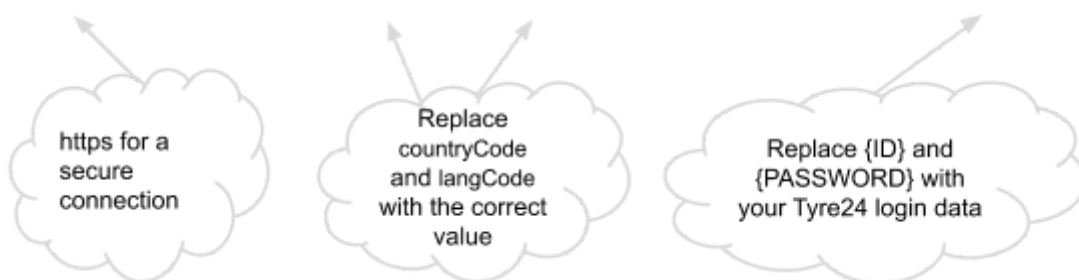
Datum	Beschreibung
Jun. 27 2017	Initial Version
Nov 21, 2017	Extending Documentation regarding the Response with: delivery_additional and delivery_phone
Feb 20, 2018	Extending Documentation regarding the Response with invoice_url
March 01, 2018	Changed URL for Alzura
Mar 28, 2018	added a field for the version
May 15, 2018	added buyer information, added possibility to export child filial orders
Aug 6, 2018	added wearparts-specific field "articleReference"
Nov 12, 2018	added wearparts-specific fields for deposit price information ("deposit_price" and "deposit_sum")
Apr 3, 2019	Added a link for the declaration of commitment (only genuine spare parts)

1. Fetching data

Call the XML – Interface by browsing to this URL in your web browser:

Secure connection with SSL:

`https://tyre24.alzura.com/{countryCode}/{langCode}/xml/index/id/{ID}/password/{PASSWORD}`



countryCode = Country code of your home country e.g.: de, at, pl, fr
langCode = Language code of your Language e.g.: de, at, pl, fr

After order data has been fetched it will be tagged. Doing so, you are save from fetching the same data twice To adjust the XML – Interface it is possible to add various parameters to the URL when calling it:

- **/no_tagging/1**
If you provide this parameter data won't be tagged after you received it.
- **/counter/[x], where [x] <= 0**
Data will be fetched in blocks, which may be re-sent by providing this parameter.

Replace [x] by a negative integer number. For example -1 will fetch the last transmitted block, where -2 will fetch the block before the last transmitted block, etc.

- **/ordertype/[all|sales|purchases]**
Data will be filtered by order type

Examples :

`https://tyre24.alzura.com/de/de/xml/index/id/{ID}/password/{PASSWORD}/no_tagging/1`

<https://tyre24.alzura.com/de/de/xml/index/id/{ID}/password/{PASSWORD}/counter/-2>

https://tyre24.alzura.com/pl/pl/xml/index/id/{ID}/password/{PASSWORD}/no_tagging/1

<https://tyre24.alzura.com/pl/pl/xml/index/id/{ID}/password/{PASSWORD}/counter/-2>

<https://tyre24.alzura.com/de/de/xml/index/id/{ID}/password/{PASSWORD}/ordertype/sales>

The number of data returned per call of the XML – Interface is limited for each article type separately:

	# of Data / block
Tyres, Steelrims and complete Wheels	500
Alloy rims	250
Accessories	250
Wearparts	250
Productdatabase (PD) - Accessories	250

E.g.: if you had 400 orders of alloy rims on your account it would be necessary to call the XML – Interface twice to fetch all order data.

Order data will be stored for three months. After that period, data will be deleted from our database, to ensure high performance.

2. Format

Each time fetching the data you will receive a XML-file.

2.1 Arising errors by transmission (Example)

```
<?xml version="1.0" encoding="utf-8" ?>
<error>
  <code>{ERROR_CODE}</code>
  <name>{ERROR_MESSAGE}</name>
</error>
```

You can take the arose errors from the following table 2.2. This table contains the thrown error code, error message and its description.

2.2 Possible error messages

CODE	ERROR_MESSAGE	Beschreibung
1	XML_DISABLED	The XML interface is not activated for the given userid
2	WRONG_XML_VERSION	A wrong XML version is saved for the given userid
3	RETRIEVE_DATA_SEVERAL_TIMES	Access to the XML interface is granted for each user only once every 5 minutes
10	INVALID_USER	Wrong userid given
11	NO_PASSWORD_SET	No password set
12	USER_NOT_IN_DB	The given userid does not exists in databaset
13	INVALID_STATUS_6	Your status on Tyre24 does not allow you to use the XML interface. Only accounts with full access are granted for this service
14	TOO_MANY_WRONG_LOGINS	Your status on Tyre24 does not allow you to use the XML interface. Only accounts with full access are granted for this service
15	ACCOUNT_DELETED	Your status on Tyre24 does not allow you to use the XML interface. Only accounts with full access are granted for this service

16	WRONG_PASSWORD	You sent a wrong password, we weren't able to authenticate your person
17	WRONG_USER_STATUS	Your status on Tyre24 does not allow you to use the XML interface. Only accounts with full access are granted for this service
18	INVALID_STATUS	Your status on Tyre24 does not allow you to use the XML interface. Only accounts with full access are granted for this service
100	NO_RESULTS	There is no new data for your userid at the moment
101	UNKNOWN_ERROR	An unknown error occurred. If this happen more often please contact the support

2.3 Succeeded transmission (Example)

```
<? xml version="1.0" encoding="utf-8" ?>
<orders>
  <order order_id="123456789" type="R">
    <order_id>123456789</order_id>
    <order_prefix>R</order_prefix>
    <country>de</country>
    <date>2017-07-04 15:45:00</date>
    <status/>
    <currency_code_origin>EUR</currency_code_origin>
    <currency_factor>1.0000</currency_factor>
    <sum_net>132.00</sum_net>
    <sum_gross>157.08</sum_gross>
    <deposit_sum/>
    <buyer_id>123456</buyer_id>
    <buyer_name1>Musterkäufer</buyer_name1>
    <buyer_name2/>
    <buyer_country>Deutschland</buyer_country>
    <buyer_zip>67659</buyer_zip>
    <buyer_city>Kaiserslautern</buyer_city>
    <buyer_street>Musterstr. 77</buyer_street>
    <buyer_email>kauefer@saitow.ag</buyer_email>
    <buyer_phone>123456789</buyer_phone>
    <buyer_fax>987654321</buyer_fax>
    <seller_id>1234</seller_id>
    <seller_name1>Musterhändler</seller_name1>
    <seller_name2/>
    <seller_country>Deutschland</seller_country>
    <seller_zip>54321</seller_zip>
    <seller_city>Musterhausen</seller_city>
    <seller_street>Musterstrasse 1</seller_street>
    <seller_email>musterhaendler@tyre24.de</seller_email>
    <seller_phone>0123-45678900</seller_phone>
    <seller_fax>0123-45678901</seller_fax>
    <seller_contact>Frau Muster</seller_contact>
    <seller_tax_number/>
    <seller_tax_identnumber>DE123456789</seller_tax_identnumber>
    <use_diff_delivery_address/>
    <delivery_name/>
    <delivery_country/>
    <delivery_zip/>
    <delivery_city/>
    <delivery_street/>
    <delivery_additional/>
    <delivery_phone/>
    <delivery_neutral/>
    <delivery_cost/>
    <tracking_numbers>
      <tracking_number>
        <package_number>123456</package_number>
        <delivery_service>DPD</delivery_service>
        <delivery_service_id>1</delivery_service_id>
        <tracking_url>http://example.com/</tracking_url>
      </tracking_number>
    </tracking_numbers>
  </order>
</orders>
```



```

<shipping_method>1</shipping_method>
<shipping_method_name>Standardversand</shipping_method_name>
<shipping_method_costs>0.00</shipping_method_costs>
<shipping_priority>0</shipping_priority>
<payment_method_id>1</payment_method_id>
<payment_method_name>SEPA-Lastschrift</payment_method_name>
<payment_method_cost>0.00</payment_method_cost>
<payment_method_generic_cost/>
<payment_method_text/>
<payment_method_additional_sum/>
<marketplace_order>0</marketplace_order>
<comment/>
<positions>
  <position type="R">
    <position_id>1</position_id>
    <order_id>12261980216</order_id>
    <prefix>R</prefix>
    <status>0</status>
    <article_id>12345</article_id>
    <price_net>33.00</price_net>
    <price_net_converted>33.00</price_net_converted>
    <quantity>4</quantity>
    <tax>0.19</tax>
    <position_name1>MUSTEREIFEN 325/25 R20 101 Y</position_name1>
    <position_name2>M+S</position_name2>
    <position_name3>DEMOREIFEN</position_name3>
    <attributes>
      <attribute name="manufacturer_number">654321</attribute>
      <attribute name="ean">1234567890</attribute>
    </attributes>
  </position>
</positions>
<xml_id>1</xml_id>
<invoice_url>
https://tyre24.alzura.com/de/de/user/historygetinvoice/orderID/123456789/ty
pe/R/category/tyres
</invoice_url>
<version>3.0</version>
</order>
</orders>

```

<orders> is the markup's root tag, whereas **<order>** encapsulates single order data.

If the closing tag is missing for one value, this order data doesn't contain any information on this value (e.g. on "**<comment/>**" in the example).

A tabular overview of tags is listed on the following pages.

In the following tables you can see all possible tags.

General order data

order_id	<p>Internal Tyre24 Order - ID</p> <p>For the following countries, there are the following ID fields:</p> <table border="1" data-bbox="571 566 930 949"> <tr> <td>DE</td> <td>10 - 39.9 billion</td> </tr> <tr> <td>AT</td> <td>50 - 69.9 billion</td> </tr> <tr> <td>FR</td> <td>70 - 79.9 billion</td> </tr> <tr> <td>PL</td> <td>40 - 49.9 billion</td> </tr> <tr> <td>IT</td> <td>80 - 89.9 billion</td> </tr> <tr> <td>NL</td> <td>90-99.9 billion</td> </tr> <tr> <td>BE</td> <td>100-109.99 billion</td> </tr> <tr> <td>LU</td> <td>110-119.99 billion</td> </tr> </table>	DE	10 - 39.9 billion	AT	50 - 69.9 billion	FR	70 - 79.9 billion	PL	40 - 49.9 billion	IT	80 - 89.9 billion	NL	90-99.9 billion	BE	100-109.99 billion	LU	110-119.99 billion	<p>Tires: int Steelrim: int Complete wheels: text(1) + int Alloyrim: text(1) + int Accessories: text(1) + int Wear parts: text(1) + int PD Accessory: text(3) + int</p>
DE	10 - 39.9 billion																	
AT	50 - 69.9 billion																	
FR	70 - 79.9 billion																	
PL	40 - 49.9 billion																	
IT	80 - 89.9 billion																	
NL	90-99.9 billion																	
BE	100-109.99 billion																	
LU	110-119.99 billion																	
order_prefix	<p>Specifies Product Type:</p> <p>R - Tyres F - Steelrim K - Complete wheel A - Alloyrim Z - Accessories U - Tuning W - Wear parts PAC - PD Accessory</p> <p>Specifies the type of product in XML field</p>	text(3)																
country	Country	text(50)																
date	Date and time in the following format: YYYY-MM-DD hh:mm:ss	text(19)																
status	Order status 0 - The order is currently in queue. 1 - The order is being processed and isn't in dispatch. 2 - The order was processed and is in dispatch.	int																

	3 - The order is completed. The articles are in transit. 4 - The order was rejected. 5 - The article is out of stock. 6 - The order was partially cancelled.	
currency_code_origin	The origin 3-letter currency code from the order. E.x. PLN	text(3)
currency_factor	the factor that is used to divide all prices	float (1 digit before and 4 digit after comma)
sum_net	Order total price net	float(2 digits after comma)
sum_gross	Order total price gross	float(2 digits after comma)
deposit_sum	Deposit sum (For currency info see field payment_method_costs_currency)	float(2 digits after comma)
buyer_id*	Internal Tyre24 Retailer - ID	int
buyer_name1	Name 1	text(50)
buyer_name2	Name 2	text(50)
buyer_country	Country	text(50)
buyer_zip	Postal code	text(10)
buyer_city	City	text(50)
buyer_street	Street and house number	text(50)
buyer_email	E-Mail	text(100)
buyer_phone	Phone number	text(100)
buyer_fax	Fax number	text(25)
seller_id	Internal Tyre24 Retailer - ID	int
seller_name1	Name 1	text(50)
seller_name2	Name 2	text(50)
seller_country	Country	text(50)
seller_zip	Postal code	text(10)

seller_city	City	text(50)
seller_street	Street and house number	text(50)
seller_email	Contains a Link to T24 Email – Modul via an email can be sent to the retailer	text(100)
seller_phone	Telephone number	text(100)
seller_fax	Fax	text(25)
seller_contact	Contact person	text(50)
seller_tax_number	Tax number of the seller	text(20)
seller_tax_identnumber	VAT number of the seller	text(20)
use_diff_delivery_address	Shows you if there a different delivery address	int
delivery_name	different delivery name	text(50)
delivery_country	different delivery address: country	text(50)
delivery_zip	different delivery address: postalcode	text(10)
delivery_city	different delivery address: city	text(50)
delivery_street	different delivery address: street and house number	text(50)
delivery_additional	different delivery address: address additional	text(40)
delivery_phone	different delivery address: phone number	text(40)
delivery_neutral	Neutral Shipping	int
delivery_cost	Neutral Shipping costs	float(2 digits after comma)
shipping_method	The internal id of the shipping method 0 - order with an old API 1 - Standard shipping 2 - Pick Up 3 - Express - Tomorrow (truck) 4 - Express - Today (truck)	int

	5 - Express - Tomorrow (parcel shipment) 6 - Express - now	
shipping_method_name	The name of the shipping method	text (50)
shipping_method_costs	Additional shipping costs for the chosen shipping method. Sum of all shipping-method-costs / -discounts for each item. Value can be negative because of discounts.	float (2 digits after comma)
shipping_priority	Flag for priority shipping 1 = Priority Shipping 0 = Standard Shipping	int
tracking_numbers	Contains multiple tracking numbers (tracking_number), for which the delivery service is specified and the corresponding tracking URL package_number -> Package number delivery_service -> Delivery service tracking_url -> Internet address for tracking the delivery service's transmission delivery_service_id: 1 - DPD 2 - UPS 3 - GLS 4 - SCHENKER 5 - OPEK 6 - DHL 7 - DACHSER 8 - PostNL (NL, BE) 9 - BPS (BE) 10 - FedEx (PL, NL, BE, LU, ES) 11 - Österreichische Post AG 12 - TNT 13 - Spedition John / Zufall 14 - Hellmann Worldwide Logistics 15 - NOX Nachtexpress	NODE

	16 - Geis Global Logistics 17 - BRT 18 - DPD France 19 - SEUR (DE, FR, IT, ES)	
payment_method_id	Internal - ID of payment method 1 - Sepa Direct Debit 2 - Advance payment 3 - Cash on Delivery 4 - PayPal / Credit Card 5 - Open Payment 8 - Open Payment (SEPA) 7 - Invoice (payable within 8 days)	int
payment_method_name	Posted shape of the Payment method, such as "COD" or "debit"	text(50)
payment_method_cost	If the paymentmethod bring additional costs, such as Fees, these are noted here.	float(2 digits after comma)
payment_method_generic_cost	Shipping costs (currency match payment_method_costs_currency)	float
payment_method_text	Payment system message when ordering	text
payment_method_additional_sum	Additional processing fees (currency match payment_method_costs_currency)	float(2 digits after comma)
markterplace_order	Indicates marketplace order	int
comment	Order remark	text(any)
declaration_of_commitment	link to download the declaration of commitment (only genuine spare parts)	text(any)
positions	Includes items as a separate XML-Nodes	XML-Node
xml_id	Internal auto increase ID of XML Request	int
invoice_url	Includes a URL to request or download the invoice.	text

version	Currently used XML version	text
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* Fields with **buyer_** prefix contains either your own address or address of child filial if the possibility for export child filial orders in your account was activated. (to activate it please contact our support)

In the following we will explain the <positions> tag. This includes the positions of orders, which are surrounded with <position> tag. For tires, steel wheels, alloy wheels, accessories and tuning this tag contains exactly one position for the article. Complete wheels scheduled 3 positions. One for the tyre, one for the steel rim and one for assembly costs. Wearing parts can be contained several items in one order, while each position is then a single article that was ordered.

Product Overview - <positions>

The tag contains all the items in the order

position	<p>Every of this tags include a article of the order. The attribute "type" showed the type of the order and is the same like "order_prefix"</p> <p>Exception: The third position from the complete wheel order has the type "O" (Other) and shows the assembly cost.</p>	NODE
link	<p>Only set by complete wheel order.</p> <p>Includes only several times the day "position_id" and indicates which "position_id" belong together.</p>	NODE

Product Data - <positions>

The following location tags are equal for all items. In addition, the product may contain other tags.

position_id	internal Tyre24 Position - ID	int
article_id	internal Tyre24 - article - ID	int
order_id	internal Tyre24 order - ID	int

prefix	article prefix - same as the attribute at the "position" tag	text(1)
status	Status from the articles (actually position)	int
position_name1	description text of the article	text(50)
position_name2	description text of the article	text(50)
position_name3	description text of the article	text(50)
price_net	The price of the item in Euro per unit, net	float(2 digits after comma)
price_net_converted	The net price of the item in EUR.	float (2 digits after comma)
quantity	order quantity of the article	int
tax	VAT percentage Article	float(3 digits after comma)
attributes	Contains separate product attributes as own XML-Node	XML-Node

Product Data - <attributes>

attribute	<p>Each product attribute is separated into one or more attribute nodes.</p> <p>Each node has an attribute called "name" that describes the attribute name itself. E.x. <attribute name="Width [mm]">13.00</attribute></p>	text
attributes	Contains separate product attributes as own XML-Node	XML-Node

Tyres / Steelrims / Complete wheels (R,F,K) (As attribute as described above)

manufacturer_number	manufacturer article number	text(40)
ean	EAN of the rim, if it exists, otherwise 0	int

Third Position of Completewheelorder (O)

position_name1	Includes the word "installation costs" in the relevant language of the platform	text
position_name2	Comma Separated position - ID of the first two positions	text
manufacturer_number <i>(As attribute as described above)</i>	Includes the text "T24_ASSEMBLY"	text(12)

Alloy rims (A) - (As attribute as described above)

manufacturer_number	manufacturer article number	text(40)
no_of_holes	number of holes	int
hole_circle	PCD 1	int
hole_circle2	PCD 2 (Alternatively size)	float(2 digits after comma)
hole_circle3	PCD 3 (Alternatively size)	float(2 digits after comma)
width	width	float(2 digits after comma)
diameter	diameter	float(2 digits after comma)
offset	offset only set if offset_from and offset_to is not set.	int
offset_from	offset from Only set if offset is not set	float(2 digits after comma)
offset_to	offset to Only set if offset is not set	float(2 digits after comma)
matchcode	Matchcode	text(50)
ean	EAN of the rim, if it exists, otherwise 0	int
alloy_type	type of the rim	text(255)
design	design of the rim	text(20)

color	color of the rim	text(20)
manufacturer	manufacturer of the rim	text(50)
check_option	<p>To indicate for which type tested whether the Wheels on the vehicle fits:</p> <ul style="list-style-type: none"> • man: <i>manual check, cartype and manufacturer will be transmitted</i> • key: <i>check by number</i> <p>Depending on the information contained below differ</p>	text(3)
check_option_text_1	man: manufacturer / type key: to 2 (vehicle registration)	text(255)
check_option_text_2	man: performance / execution key: to 3 (vehicle registration)	text(255)
check_option_text_3	key: vehicle manufacturer	text(255)
check_option_text_4	key: vehicle type	text(255)

Accessory (Z) - (As attribute as described above)

manufacturer	Manufacturer description	text(50)
---------------------	--------------------------	----------

Wearparts (W) - (As attribute as described above)

vehicleInformation	vehicle information for the searched article	text(255)
articleReference	Article reference provided with order.	text(255)
deposit_price	Deposit price (For currency info see field payment_method_costs_currency)	float(2 digits after comma)

Note to SOAP Interface

Keep in mind that the field which points to the order's origin is called „**country**“ when receiving data from the XML Interface but has to be transmitted as „**lang**“ when using the SOAP Interface.