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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

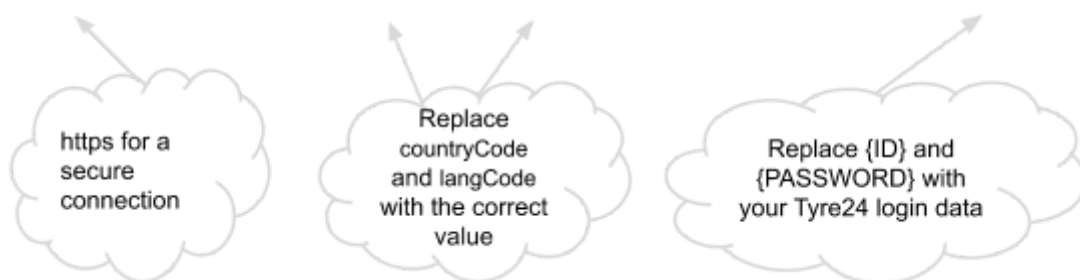
Datum	Beschreibung
Jun. 27 2017	Initial Version
Nov 21, 2017	Extending Documentation regarding the Response with: delivery_additional and delivery_phone
Feb 20, 2018	Extending Documentation regarding the Response with invoice_url
March 01, 2018	Changed URL for Alzura
Mar 28, 2018	added a field for the 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}/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
<b>Tyres, Steelrims and complete Wheels</b>	500
<b>Alloy rims</b>	250
<b>Accessories</b>	250
<b>Wearparts</b>	250
<b>Productdatabase (PD) - Accessories</b>	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

<b>order_id</b>	<p>Internal Tyre24 Order - ID</p> <p>For the following countries, there are the following ID fields:</p> <table border="1" data-bbox="572 564 928 949"> <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><b>Tires:</b> int  <b>Steelrim:</b> int  <b>Complete wheels:</b> text(1) + int  <b>Alloyrim:</b> text(1) + int  <b>Accessories:</b> text(1) + int  <b>Wear parts:</b> text(1) + int  <b>PD Accessory:</b> 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																	
<b>order_prefix</b>	<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)																
<b>country</b>	Country	text(50)																
<b>date</b>	Date and time in the following format: YYYY-MM-DD hh:mm:ss	text(19)																
<b>status</b>	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.	
<b>currency_code_origin</b>	The origin 3-letter currency code from the order. E.x. PLN	text(3)
<b>currency_factor</b>	the factor that is used to divide all prices	float (1 digit before and 4 digit after comma)
<b>sum_net</b>	Order total price net	float(2 digits after comma)
<b>sum_gross</b>	Order total price gross	float(2 digits after comma)
<b>deposit_sum</b>	Deposit sum (For currency info see field payment_method_costs_currency)	float(2 digits after comma)
<b>buyer_id*</b>	Internal Tyre24 Retailer - ID	int
<b>buyer_name1</b>	Name 1	text(50)
<b>buyer_name2</b>	Name 2	text(50)
<b>buyer_country</b>	Country	text(50)
<b>buyer_zip</b>	Postal code	text(10)
<b>buyer_city</b>	City	text(50)
<b>buyer_street</b>	Street and house number	text(50)
<b>buyer_email</b>	EMail	text(100)
<b>buyer_phone</b>	Phone number	text(100)
<b>buyer_fax</b>	Fax number	text(25)
<b>seller_id</b>	Internal Tyre24 Retailer - ID	int
<b>seller_name1</b>	Name 1	text(50)
<b>seller_name2</b>	Name 2	text(50)
<b>seller_country</b>	Country	text(50)
<b>seller_zip</b>	Postal code	text(10)

<b>seller_city</b>	City	text(50)
<b>seller_street</b>	Street and house number	text(50)
<b>seller_email</b>	Contains a Link to T24 Email – Modul via an email can be sent to the retailer	text(100)
<b>seller_phone</b>	Telephone number	text(100)
<b>seller_fax</b>	Fax	text(25)
<b>seller_contact</b>	Contact person	text(50)
<b>seller_tax_number</b>	Tax number of the seller	text(20)
<b>seller_tax_identnumber</b>	VAT number of the seller	text(20)
<b>use_diff_delivery_address</b>	Shows you if there a different delivery address	int
<b>delivery_name</b>	different delivery name	text(50)
<b>delivery_country</b>	different delivery address: country	text(50)
<b>delivery_zip</b>	different delivery address: postalcode	text(10)
<b>delivery_city</b>	different delivery address: city	text(50)
<b>delivery_street</b>	different delivery address: street and house number	text(50)
<b>delivery_additional</b>	different delivery address: address additional	text(40)
<b>delivery_phone</b>	different delivery address: phone number	text(40)
<b>delivery_neutral</b>	Neutral Shipping	int
<b>delivery_cost</b>	Neutral Shipping costs	float(2 digits after comma)
<b>shipping_method</b>	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	
<b>shipping_method_name</b>	The name of the shipping method	text (50)
<b>shipping_method_costs</b>	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)
<b>shipping_priority</b>	Flag for priority shipping  1 = Priority Shipping 0 = Standard Shipping	int
<b>tracking_numbers</b>	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)	
<b>payment_method_id</b>	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
<b>payment_method_name</b>	Posted shape of the Payment method, such as "COD" or "debit"	text(50)
<b>payment_method_cost</b>	If the paymentmethod bring additional costs, such as Fees, these are noted here.	float(2 digits after comma)
<b>payment_method_generic_cost</b>	Shipping costs (currency match payment_method_costs_currency)	float
<b>payment_method_text</b>	Payment system message when ordering	text
<b>payment_method_additional_sum</b>	Additional processing fees (currency match payment_method_costs_currency)	float(2 digits after comma)
<b>markterplace_order</b>	Indicates marketplace order	int
<b>comment</b>	Order remark	text(any)
<b>declaration_of_commitment</b>	link to download the declaration of commitment (only genuine spare parts)	text(any)
<b>positions</b>	Includes items as a separate XML-Nodes	XML-Node
<b>xml_id</b>	Internal auto increase ID of XML Request	int
<b>invoice_url</b>	Includes a URL to request or download the invoice.	text

<b>version</b>	Currently used XML version	text
----------------	----------------------------	------

\* 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*

<b>position</b>	<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><b>Exception:</b> The third position from the complete wheel order has the type "O" (Other) and shows the assembly cost.</p>	NODE
<b>link</b>	<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.*

<b>position_id</b>	internal Tyre24 Position - ID	int
<b>article_id</b>	internal Tyre24 - article - ID	int
<b>order_id</b>	internal Tyre24 order - ID	int



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

## Product Data - <attributes>

<b>attribute</b>	<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. <b>&lt;attribute name="Width [mm]"&gt;13.00&lt;/attribute&gt;</b></p>	text
<b>attributes</b>	Contains separate product attributes as own XML-Node	XML-Node

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

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

*Third Position of Completewheelorder (O)*

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

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

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

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

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

<b>manufacturer</b>	Manufacturer description	text(50)
---------------------	--------------------------	----------

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

<b>vehicleInformation</b>	vehicle information for the searched article	text(255)
<b>articleReference</b>	Article reference provided with order.	text(255)
<b>deposit_price</b>	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.