



F&R

Webservice Interfaces

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1. F&R Article / Master Data

Date: 12.09.2019

XML Version: R000-010

Document Version: 1.2

History of changes:

Date:	Description
2019-09-12	Current version R000-010
	Added packaging unit
2018-07-10	Current version R000-009

General remarks:

An import of all Falk&Ross article master data has been possible for several years. The Excel file has been updated and expanded with new data and data fields throughout the past years, maximum compatibility was of paramount importance. This Excel file is still available for download.

In addition, from now on, we offer a simplified way of importing our master data by using XML files. The file content is updated and expanded on a daily base on our servers.

How does the XML import work?

We have defined two separate XML file formats. With the main format, you can download basic information across the complete range of Falk&Ross styles. This file contains the full range of articles available at Falk&Ross. Within this file we provide links for you to fetch detailed article data per style as needed.

The complete article list file [falkross-stylelist.xml]:

You can download the complete style list in the current XML version (historic versions of the file are also available, explained on page 8) by using the following link:

<http://download.falk-ross.eu/ws/falkross-stylelist.xml>

*In this file, you will find basic information for the full range articles available at Falk&Ross. You need to parse the XML data and download detailed style data separately. You can find The link to download the detailed style data per article within the **XML TAG** `<url_style_xml>` .*

...

```
<style>
<style_nr>99633</style_nr>
<style_aid>o70b459a30b316b36d86118f33161616</style_aid>
<url_style_xml>http://download.falk-ross.eu/ws/xml/99633.xml</url_style_xml>
</style>
```

...

**<http://download.falk-ross.eu/ws/falkross-stylelist.xml>
for version: R000-009**

General header information:

<code><style_list>...</style_list></code>	Contains all necessary information to download all detailed style data
<code><export_data_date>2018-07-09 07:38:44</export_data_date></code>	Time stamp for these files' creation
<code><file_version>R000-009</file_version></code>	Version of this XML file
<code><style_count>2611</style_count></code>	Number of styles contained in this file

Style data:

<code><style>...</style></code>	Contains important core information per style.
<code><style_nr>99633</style_nr></code>	Five-digit Falk&Ross style number for style 99633
<code><style_aid> o700242da6cac9f0bbd2987f1163ad8c </style_aid></code>	Falk&Ross internal code
<code><url_style_xml> http://download.falk-ross.eu/ws/xml/99633.xml</url_style_xml></code>	Link to access the detailed style data for style 99633

Accessing detailed style data:

The URL for downloading the detailed style data is contained in the

`<url_style_xml>` XML tag:

`<url_style_xml>`**<http://download.falk-ross.eu/ws/xml/99633.xml>**`</url_style_xml>`

Most of the xml tags used in the detailed data are self-explanatory.

XML tags explained:

http://download.falk-ross.eu/ws/xml/99633.xml for version: R000-009	
General header data:	
<style_list>...</style_list>	Contains detailed data for import into your IT systems
<export_data_date>2018-07-09 07:38:44</export_data_date>	Time stamp for these files creation
<file_version>R000-009</file_version>	Version of this XML file
Style data:	
<style>...</style>	Contains all important information on the type
<style_nr>99633</style_nr>	Five-digit Falk&Ross style number for style 99633
<style_catalog_page>502</style_catalog_page>	Catalogue page number
<style_custom_tariff_nr> 62105000 </style_custom_tariff_nr>	Commodity code or customs tariff numbers/intrastat numbers.
<supplier_code>33</supplier_code>	Falk&Ross supplier code
<supplier_article_code>R156X</supplier_article_code>	Supplier article code
<brand_code>33</brand_code>	Falk&Ross brand code
<brand_name>Result</brand_name>	Brand name
Pictures:	
<style_picture_list>	List of pictures for this style
<style_picture>	Single picture entry
<filename>996_33_101_m-2015_01.jpg</filename>	File name
<shottype>m</shottype>	Picture type: m=Model; f=Flat; b=Back
<pos>1</pos>	Picture position in list
<url>http://download.falk-ross.eu/ws/picture/996_33_101_m-2015_01.jpg</url>	URL to download this picture
</style_picture>	
...	
</style_picture_list>	
Article linking:	
<style_link_list>	Articles these styles are linked to
<style_link_to><style>49633</style></style_link_to>	Is linked to style 49633
...	
</style_link_list>	
Article Name:	
<style_name>	List of article names including translations

<language>	Language presented as ISO 2 Code
<de>...</de>	At this time, the following languages are available: de;en;fr;es;hu;pl;nl;cz;sk;ro;pt;hr;se;dk
<en>...</en>	
<fr>...</fr>	
...	
</language>	
</style_name>	
Article description:	
<style_description>	Descriptive texts for the style
<language>	Language presented as ISO 2 Code
<de>...</de>	At this time, the following languages are available: de;en;fr;es;hu;pl;nl;cz;sk;ro;pt;hr;se;dk
<en>...</en>	
<fr>...</fr>	
...	
</language>	
</style_description>	
<style_searchkeys>	Search terms including translations
<language>	Language presented as ISO 2 Code
<de>...</de>	At this time, the following languages are available: de;en;fr;es;hu;pl;nl;cz;sk;ro;pt;hr;se;dk
<en>...</en>	
<fr>...</fr>	
...	
</language>	
</style_searchkeys>	
Categories and subcategories	
<style_category_list>	List of categories
<style_category_main>Products	Main category, in English language only
<style_category_sub>	Subcategory
<language>	Language presented as ISO 2 Code
<de>Hosen</de>	At this time, the following languages are available: de;en;fr;es;hu;pl;nl;cz;sk;ro;pt;hr;se;dk
<en>Trousers</en>	
<fr>...</fr>	
...	
</language>	
</style_category_sub>	
...	Multiple subcategories can be listed
<style_category_sub>...</style_category_sub>	
</style_category_main>	
</style_category_list>	
Article filters:	
<style_filter_list>	List of filters

<style_color_group_list>	List of colour groups
<style_color_group>Black</style_color_group>	Colour group
...	
<style_color_group>Dark Blue</style_color_group>	
</style_color_group_list>	
<style_gender_group_list>	Gender
<style_gender_group>unisex</style_gender_group>	Unisex
...	
<style_gender_group>men</style_gender_group>	Male
</style_gender_group_list>	
<style_weight_group_list></style_weight_group_list>	Filter weight group
<style_details_group_list>	Filter details group
<style_details_group>Wind- /Rainjackets</style_details_group>	
...	
<style_details_group_list>	
<style_sleeve_group_list>	Filter sleeve group
<style_sleeve_group>Short-sleeved</style_sleeve_group>	
<style_sleeve_group_list>	
</style_filter_list>	
Article SKU Information:	
<sku_list>	List of SKU variants
<sku>	Variant
<sku_artnum>996331015</sku_artnum>	9-digit Falk&Ross article number = SKU
<sku_color_code>101</sku_color_code>	Falk&Ross colour code
<sku_color_name>Black</sku_color_name>	Falk&Ross colour name
<sku_color_swatch>996_33_101.jpg</sku_color_swatch>	Colour swatch file name
<sku_color_swatch_url>http://download.falk-ross.eu/ws/picto/996_33_101.jpg</sku_color_swatch_url>	URL for color swatch download
<sku_color_picture>996_33_101_f-2015_01.jpg</sku_color_picture>	File name for colorized images
<sku_color_picture_url>http://download.falk-ross.eu/ws/picture/996_33_101_f-2015_01.jpg</sku_color_picture_url>	URL for picture download
<sku_size_code>5</sku_size_code>	Falk&Ross size code
<sku_size_name>L/XL</sku_size_name>	Falk&Ross size name
<sku_size_order>5</sku_size_order>	Sequence of sizes
<sku_changed_date>2018-07-04</sku_changed_date>	Time stamp for last change
<sku_closeout>0</sku_closeout>	Closeout ? : 1=yes; 0=no
<sku_new>0</sku_new>	New ? : 1=yes; 0=no
<sku_ean>5055192307968</sku_ean>	GTIN number
<sku_weight>0.34</sku_weight>	Weight in kilograms
<sku_coo>CN</sku_coo>	Country of Origin
<sku_pieces_in_pack>10</sku_pieces_in_pack>	Packaging units - available starting with XML version R000-010
<sku_pieces_in_carton>150</sku_pieces_in_carton>	Packaging units - available starting with XML version R000-010
</sku>	
...	
<sku>...</sku>	
...	
</sku_list>	
</style>	
</style_list>	

How we handle changes in the XML file's structure in a new version:

Changes may be made to the XML exports file's structure with a new version, possibly preventing your current setup from importing successfully. Because of that, when we modify the XML file structure, we also update the XML file's version.

To avoid compatibility issues on your side, we always provide previous versions of the XML file for continuing use. To use this feature, you have to modify the download URL of the complete article list file to use the version specific one as shown below. If you have implemented your import setup with a specific version of the XML export in the past, please continue to use the version specific link.

XML Version:	Version:	URL:
9	R000-009	http://download.falk-ross.eu/ws/R000-009/falkross-stylelist.xml
8	R000-008	http://download.falk-ross.eu/ws/R000-008/falkross-stylelist.xml
Always the current version	Current version	http://download.falk-ross.eu/ws/falkross-stylelist.xml oder http://download.falk-ross.eu/ws/run/falkross-stylelist.xml

When using a version specific XML file, you will find the correct, version specific link to the detailed article information within the `<url_style_xml>...</url_style_xml>` XML TAG, making sure import of this information continues to function with a version specific setup. If you wish to access new or added article details or data, you may need to upgrade to an updated XML file version. This may make changes to your import setup necessary because of changes in XML exports file structure.

We ask you to take this into account in your implementation.

All included article information continues to be updated for all supported version specific XML files.

Please let us know about your wishes and suggestions concerning the XML article data import by contacting us at:

it-business@falk-ross.com

We look forward to your suggestions and the joint implementation of your wishes and suggestions for improvement.

2. F&R Stock Data

Date: 30.04.2020

XML Version: V3

Document Version: 1.1

History of changes:

Datum:	Beschreibung

General remarks:

This interface allows you to query the stock levels of our article range and process this data for use with your own systems. It is possible, depending on URL used, to query stock levels for all styles at once or individual styles as needed. The exported data is created dynamically and updated at a defined interval across all systems involved in the process.

How does the stock level import work?

By querying URL's with a defined set of parameters you can access and export our stock level data both in CSV and XML formats for processing in your own systems. This process also enables automation of data exchange in between your systems and our systems concerning stock levels.

Stock level data in XML format:

You can fetch and process our stock levels using the current XML version (historic versions of the file are also available, explained on page XX) by using the following link:

https://webservice_account:webservice_password@ws.falk-ross.eu/webservice/R03_000/stockinfo/falkross_de.xml

*The placeholders **webservice_account** and **webservice_password** need to be replaced with your personal Falk&Ross webservices login credentials, take note that these are different from your Falk&Ross webshop login credentials.*

Data accessed by using this link is structured like this:

Output:	
<pre> <product> <product_variant> <SKU>023051623</SKU> <g><Flag>=</Flag><Quantity>144</Quantity></g> <y><Flag>=</Flag><Quantity>0</Quantity></y> <Flag>=</Flag><Quantity>1000</Quantity> </product_variant> ... </product> </pre>	
XML tags explained :	
<product>	
<product_variant>	<i>Start tag for the product variant (=SKU).</i>
<SKU>023051623</SKU>	<i>9-digit Falk&Ross article number.</i>
<Flag>	<i>It is possible to set a customer specific threshold value for maximum stock shown – if there are more items in stock than the threshold value, not the actual quantity, but the threshold value will be listed.</i>
<Quantity>144</Quantity>	<i>Quantity in stock</i>
<g>	<i>Start tag for stock code „green“</i>
<y>	<i>Start tag for stock code „yellow“</i>
	<i>Start tag for stock code „blue“</i>

Additional parameters in the URL are:

product: by adding this parameter to the URL, you can only fetch stock data for specific items only. The truncation mark “_” may be used starting from the 6th digit of the 9-digit article number.

https://webservice_account:webservice_password@ws.falk-ross.eu/webservice/R03_000/stockinfo/product/18001__5?format=xml

Output:

<pre> <product> <product_variant> <SKU>180010005</SKU> <g><Flag>=</Flag><Quantity>851</Quantity></g> <y><Flag>=</Flag><Quantity>0</Quantity></y> <Flag>=</Flag><Quantity>1512</Quantity> </product_variant> <product_variant> <SKU>180011015</SKU> <g><Flag>=</Flag><Quantity>2615</Quantity></g> <y><Flag>=</Flag><Quantity>0</Quantity></y> <Flag>=</Flag><Quantity>2448</Quantity> </product_variant> ... </pre>	<p>Stock data is listed for items matching the 18001__5 article number, in XML format as by the parameters in the called URL.</p>
---	---

XML tags explained :

<product>	
<product_variant>	Start tag for the product variant (=SKU).
<SKU>023051623</SKU>	9-digit Falk&Ross article number
<Flag>	It is possible to set a customer specific threshold value for maximum stock shown – if there are more items in stock than the threshold value, not the actual quantity, but the threshold value will be listed.
<Quantity>144</Quantity>	Quantity in stock
<g>	Start tag for stock code „green“
<y>	Start tag for stock code „yellow“
	Start tag for stock code „blue“

Stock level data in CSV format:

You can fetch and process our stock levels using the current CSV version (historic versions of the file are also available, explained on page XX) by using the following link:

https://webservice_account:webservice_password@ws.falk-ross.eu/webservice/R03_000/stockinfo/falkross_de.csv

The placeholders **webservice_account** and **webservice_password** need to be replaced with your personal Falk&Ross Webservices credentials.

Data accessed by using this link is structured like this:

Output :	
<pre>2020-04-30 08:51:11 023051623;144;0;1000 110331217;351;0;1000 687282010;58;0;0 706671014;1;0;0 548427007;151;0;450 485182023;13;0;0</pre>	
The first line contains the time stamp for this export.	
Column	Description
1.	9-digit Falk&Ross article number
2.	Corresponds to the „green“ stock level in the Falk&Ross webshop.
3.	Corresponds to the „yellow“ stock level in the Falk&Ross webshop.
4.	Corresponds to the „blue“ stock level in the Falk&Ross webshop.
It is possible to set a customer specific threshold value for maximum stock shown – if there are more items in stock than the threshold value, not the actual quantity, but the threshold value will be listed.	

Additional parameters in the URL are:

product: As with the XML format shown above - by adding this parameter to the URL, you can only fetch stock data for specific items only. The truncation mark “_” may be used starting from the 6th digit of the 9-digit article number.

https://webservice_account:webservice_password@ws.falk-ross.eu/webservice/R03_000/stockinfo/product/18001___5?format=csv

Output :

2020-04-30 09:03:47
180010005;851;0;1512
180011015;2614;0;2448
180011235;903;0;1728
180012005;1167;0;5616
180013005;0;0;0
180014005;0;0;0

Stock data is listed for items matching the 18001___5 article number, in XML format as by the parameters in the called URL.

The first line contains the time stamp for this export.

Column	Description
1.	9-digit Falk&Ross article number
2.	Corresponds to the „green“ stock level in the Falk&Ross webshop.
3.	Corresponds to the „yellow“ stock level in the Falk&Ross webshop.
4.	Corresponds to the „blue“ stock level in the Falk&Ross webshop.

A Code example for the PHP programming language:

```
<?php
// REMARK: XML needs to be encoded in UTF-8 !
// your webservice login
$user = "";
// your webservice password
$pass = "";
$auth = base64_encode($user . ':' . $pass);
$params = array(
    'http' => array(
        'method' => 'POST',
        'user_agent' => 'PHP 5;',
        'header'=> "Content-type: application/x-www-form-urlencoded\r\n" .
            "Content-Length: " . 0 . "\r\n" .
            "Cache-Control: no-cache\r\n" .
            "Connection: close\r\n" .
            "Authorization: Basic $auth \r\n",
        'content' => ""
    )
);

$context = stream_context_create($params);
// REMARK: - to use HTTPS, extension=php_openssl.dll needs to be enabled in php.ini !!!
$xmlresponse = "";

$fp = fopen('https://' . $user . ':' . $pass . '@ws.falk-ross.eu/webservice/R03_000/stockinfo/product/10209?format=xml', 'r');

// example for getting stock of all our articles only using one request

if ($fp) {
    while (!feof($fp))
    {
        $xmlresponse .= fgets($fp,128);
    }

    fclose($fp);
}

echo $xmlresponse;

?>
```

*In order to use the stock data, pricing data and order status/order tracking features, you need login credentials for the Falk&Ross webservices, take note that these are different from your usual Falk&Ross webshop login credentials. In the code example, you would need to replace the **\$user** variable with your webservices account name and **\$pass** with the corresponding password.*

*The variable **\$xmlresponse** will receive the exported data, depending on which URL has been defined for the variable **\$fp** – article, stock, prices or status information. The received data can then be processed as needed.*

How we handle changes in the XML or CSV file's structure in a new version for the stock data interface:

Changes may be made to the XML or CSV export format on new versions, possibly preventing your current setup from importing successfully. Because of that, when we modify the export format, we also update the version.

To avoid compatibility problems on your side, we always provide previous versions of both exports for continuing use.

<i>XML Version:</i>	<i>Version:</i>	<i>Url:</i>
<i>1</i>	<i>R001-000</i>	<i>https://@ws.falk-ross.eu/webservice/R01_000/stockinfo/falkross_de.xml</i>
<i>3</i>	<i>R003-000</i>	<i>https://@ws.falk-ross.eu/webservice/R03_000/stockinfo/falkross_de.xml</i>
<i>CSV Version:</i>	<i>Version:</i>	<i>Url:</i>
<i>1</i>	<i>R001-000</i>	<i>https://@ws.falk-ross.eu/webservice/R01_000/stockinfo/falkross_de.csv</i>
<i>3</i>	<i>R003-000</i>	<i>https://@ws.falk-ross.eu/webservice/R03_000/stockinfo/falkross_de.csv</i>

Please let us know about your wishes and suggestions concerning the Stock data interface by contacting us at:

it-business@falk-ross.com

We look forward to your suggestions and the joint implementation of your wishes and suggestions for improvement.

3. F&R Prices

Date: 23.01.2020

XML Version: R000-010

Document version: 1.1

History of changes:

Date:	Description:

General remarks:

You can use our Customer Service Portal MyAccount (accessible from the Falk&Ross webshop) to get your current price lists in 2 different formats by E-Mail. However, this process is not suitable for automated data synchronization.

In addition to the MyAccount Portal, you may also ask your responsible Falk&Ross Sales Team for our so-called SKU-File, an Excel file which also holds your pricing information.

The best way to automate importing pricing information to your systems is using our webservices, as described below.

How does the pricing interface work?

By querying URL's with a defined set of parameters you can access and export your pricing information both in CSV and XML formats for processing in your own systems. This process also enables automation of data exchange in between your systems and our systems concerning pricing information.

Pricing Information in XML format:

You can fetch and process your pricing information using the current XML version (historic versions of the file are also available, explained on page XX) by using the following link:

https://webservice_account:webservice_password@ws.falk-ross.de/ws/run/price.pl?format=xml&style=&action=get_price

*The placeholders **webservice_account** and **webservice_password** need to be replaced with your personal Falk&Ross Webservices credentials.*

Data accessed by using this link is structured like this:

Output:	
<pre> <price_list> <export_data_date>2020-01-22 11:34:20</export_data_date> <file_version>R000-009</file_version> <currency>EUR</currency> <exchange_rate>1</exchange_rate> <sku_list> <sku> <sku_nr>102090000</sku_nr> <default_price>2.66</default_price> <your_price>2.49</your_price> </sku> <sku> <sku_nr>102090003</sku_nr> <default_price>1.94</default_price> <your_price>1.83</your_price> </sku> <sku> <sku_nr>102090004</sku_nr> <default_price>1.94</default_price> <your_price>1.83</your_price> </sku> ... </sku_list> </price_list> </pre>	
XML tags explained :	
<export_data_date>	Time stamp of the export in ISO format
<file_version>	Interface version used (version R000-009 in this case)
<currency>	Currency set for your account
<exchange_rate>	Currency exchange rate
<sku_nr>	9-digit Falk&Ross article number
<default_price>	Calculated default price
<your_price>	your purchase price

Additional parameters in the request URL are:

style: Allows you to export your purchase price for a single style only. If no value was set for **style**, purchase prices for all styles are exported. If a query for a style with no associated data is performed, you will receive an error message:

Output:	
<pre> <error> <error_code>100</error_code> <error_msg>no data</error_msg> </error> </pre>	

nopromo: If set to 1, only price information for articles that are not flagged as promotional in our webshop is exported.

ndp: If set to 1, exporting the default price is suppressed.

https://webservice_account:webservice_password@ws.falk-ross.de/ws/run/price.pl?format=xml&style=&action=get_price&ndp=1

Output:

```
<price_list>
<export_data_date>2020-01-22
11:34:20</export_data_date>
<file_version>R000-009</file_version>
<currency>EUR</currency>
<exchange_rate>1</exchange_rate>
<sku_list>
<sku>
<sku_nr>102090000</sku_nr>
<your_price>2.49</your_price>
</sku>
<sku>
<sku_nr>102090003</sku_nr>
<default_price>1.94</default_price>
<your_price>1.83</your_price>
</sku>
<sku>
<sku_nr>102090004</sku_nr>
<default_price>1.94</default_price>
<your_price>1.83</your_price>
</sku>
...
</sku_list>
</price_list>
```

XML tags explained :

<code><export_data_date></code>	<i>Time stamp of the export in ISO format</i>
<code><file_version></code>	<i>Interface version used (version R000-009 in this case)</i>
<code><currency></code>	<i>Currency set for your account</i>
<code><exchange_rate></code>	<i>Currency exchange rate</i>
<code><sku_nr></code>	<i>9-digit Falk&Ross article number</i>
<code><your_price></code>	<i>Your purchase price</i>

Pricing Information in CSV format:

You can fetch and process your pricing information using the current CSV version (historic versions of the file are also available, explained on page XX) by using the following link:

https://webservice_kennung:webservice_passwort@ws.falk-ross.de/ws/run/price.pl?format=csv&style=&action=get_price

The placeholders **webservice_account** and **webservice_password** need to be replaced with your personal Falk&Ross webservice credentials.

Data accessed by using this link is structured like this:

Output:	
<pre>artnr;default_price;your_price;currency 102090000;2.66;2.49;EUR 102090003;1.94;1.83;EUR ...</pre>	
art_nr	9-digit Falk&Ross article number
default_price	Calculated default price
your_price	Your purchasing price
Currency	Currency set for your account

Additional parameters in the request URL are:

style: Allows you to export your purchase price for a single style only. If no value was set for **style**, purchase prices for all styles are exported. If a query for a style with no associated data is performed, you will receive an error message:

Output:	
	<pre><error> <error_code>100</error_code> <error_msg>no data</error_msg> </error></pre>

nopromo: If set to 1, only price information for articles that are not flagged as promotional in our webshop is exported.

ndp: If set to 1, exporting the default price is suppressed.

https://webservice_account:webservice_password@ws.falk-ross.de/ws/run/price.pl?format=csv&style=&action=get_price&ndp=1	
Output:	
<pre>artnr;your_price;currency 102090000;2.49;EUR 102090003;1.83;EUR ...</pre>	
art_nr	9-digit Falk&Ross article number
your_price	Your purchasing price
Currency	Currency set for your account

How we handle changes in the XML file's structure in a new version:

Changes may be made to the XML file's structure with a new version, possibly preventing your current setup from importing successfully. Because of that, when we modify the XML file structure, we also update the xml file's version.

To avoid compatibility problems on your side, we always provide previous versions of the XML file for continuing use. To use this feature, you have to modify the download URL for the file to use the version specific one as shown below. If you have implemented your import setup with a specific version of the XML file in the past, please continue to use the version specific link.

XML Version:	Version:	Url:
9	R000-009	https://ws.falk-ross.de/ws/R000-009/price.pl?action=get_price...
8	R000-008	https://ws.falk-ross.de/ws/R000-008/price.pl?action=get_price...
<i>Always the current version</i>	<i>Current Version</i>	https://ws.falk-ross.de/ws/run/price.pl?action=get_price ...

The XML tag `<file_version>...</file_version>` contains the version of the XML file, making sure import continues to work when you need to use a historic version of the export. If new data was introduced to the export, you may have to upgrade to a higher version of the export/file if you intend to process the additional data. This may make changes to your import setup necessary because of changes in XML file structure.

We ask you to take this into account in your implementation.

Please let us know about your wishes and suggestions concerning the price interface by contacting us at:

it-business@falk-ross.com

We look forward to your suggestions and the joint implementation of your wishes and suggestions for improvement.

4. Falk&Ross Order Interface

Date: 25.06.2020

XML Version: V2

Document Version: 1.1

History of changes :

<i>Date:</i>	<i>Version</i>	<i>Description</i>

General remarks:

The methods described in this chapter enable you to automate placing orders by using the Falk&Ross webservice order interface. If all XML tags have been filled correctly, you will in turn immediately receive your web order number in the XML response file after your request has been accepted.

How does the order interface work?

We have defined a XML file format with a set of data fields which need to be completed by you with the appropriate data for your order. For instance, these include: a different delivery address, your reference number, comments to the order, notes to specific order items and the order items with the corresponding quantity. The completed XML file then needs to be transmitted to our webserver using a suitable method.

We have added a basic demonstration program at the end of this chapter to show how an implementation could work.

Description of the XML file in the current version:

XML tag	To be filled in request	Remarks
<?xml version="1.0" encoding="utf-8" standalone="yes"?>	X	
<order>	X	
<orders_id />		Your webshop order number on successful order placement
<err />		
<err_msg />		
<request_date_time>2008-08-08 13:30:00</request_date_time>	X	Time Stamp of the request in format YYYY-MM-DD hh:mm:ss
<response_date_time>2008-08-08 13:30:05</response_date_time>		Time Stamp of the response in format YYYY-MM-DD hh:mm:ss
<customers_number>	X	
<cn_value>132305</cn_value>	X	Your customer number
<cn_err />		
<cn_err_msg />		
</customers_number>	X	
<shipping_method>	X	
<sm_value>0</sm_value>	X	Shipping method. At this time only „0“ (=as agreed) is allowed.
<sm_err />		
<sm_err_msg />		
</shipping_method>	X	
<partial_shipment>	X	
<ps_value>0</ps_value>	X	Partial delivery ? 0=false;1=true
<ps_err />		
<ps_err_msg />		
</partial_shipment>	X	
<order_reference>	X	
<or_value><![CDATA[Bestellung 4711]]></or_value>	X	Corresponds to „Your Reference“ when ordering using the webshop. Limited to max. 32 characters
<or_err />		
<or_err_msg />		

</order_reference>	X	
<order_note>	X	
<on_value><![CDATA[ACHTUNG: Test Bestellung, bitte stornieren!!!]]></on_value>	X	<i>Corresponds to „Comments to your order“ when ordering using the webshop. Not limited in length</i>
<on_err />		
<on_err_msg />		
</order_note>	X	
<delivery_address>	X	
<da_is_different>	X	<i>Differing delivery address: 1=true; 0= false If set to „false“, the following address information is discarded and the deposited address of the account that placed the order is used as delivery address</i>
<da_value>true</da_value>	X	
<da_err />		
<da_err_msg />		
</da_is_different>	X	
<da_lastname>	X	
<da_value><![CDATA[Dodd]]></da_value>	X	<i>Last name, limited to max. 50 characters.</i>
<da_err />		
<da_err_msg />		
</da_lastname>	X	
<da_firstname>	X	
<da_value><![CDATA[]]></da_value>	X	<i>First name, limited to max. 50 characters.</i>
<da_err />		
<da_err_msg />		
</da_firstname>	X	
<da_company>	X	
<da_value><![CDATA[Falk & Ross]]></da_value>	X	<i>Company name, limited to max. 50 characters.</i>
<da_err />		
<da_err_msg />		
</da_company>	X	
<da_street_address>	X	

<da_value><![CDATA[Im Bruechel 10]]></da_value>	X	<i>Street address, limited to max. 50 characters.</i>
<da_err />		
<da_err_msg />		
</da_street_address>	X	
<da_city>	X	
<da_value><![CDATA[Kaiserslautern]]></da_value>	X	<i>City, limited to max. 50 characters.</i>
<da_err />		
<da_err_msg />		
</da_city>	X	
<da_postcode>	X	
<da_value>67661</da_value>	X	<i>Post code, limited to max. 10 characters.</i>
<da_err />		
<da_err_msg />		
</da_postcode>	X	
<da_country_code>	X	
<da_value>DE</da_value>	X	<i>ISO country code, 2 characters.</i>
<da_err />		
<da_err_msg />		
</da_country_code>	X	
</delivery_address>	X	
<product_list>	X	
<pl_err />		
<pl_err_msg />		
<product>	X	
<p_sku>180000002</p_sku>	X	<i>9-digit article number</i>
<p_err />		<i>If article number is unknown, error code 30 is returned</i>
<p_err_msg />		
<p_lineref>	x	
<![CDATA[Ihre Bestellpositionsreferenz]]>	x	<i>Your order item reference, limited to max. 32 characters.</i>
</p_lineref>	x	
<p_quantity>	X	
<pq_ordered>15</pq_ordered>	X	<i>Quantity, integer number</i>
<pq_err></pq_err>		

<pq_err_msg></pq_err_msg>		
</p_quantity>	X	
</product>	X	
<product>	X	
<p_sku>996011965</p_sku>	X	<i>9-digit article number</i>
<p_err />		
<p_err_msg />		
<p_quantity>	X	
<pq_ordered>5</pq_ordered>	X	<i>Quantity, integer number</i>
<pq_err></pq_err>		
<pq_err_msg></pq_err_msg>		
</p_quantity>	X	
</product>	X	
</product_list>	X	
</order>	X	

URL for transmitting orders and demonstration program:

https://ws.falk-ross.eu/webservice/R02_000/order?format=xml

*Sending the order data works in the same way as transmitting a normal HTML form. Please refer to the following demo program code on how header information has to be filled and how you can authenticate yourself accordingly. For this, you only have to set the variables **\$kunde**, **\$user** and **\$pass** to match your customer number and your webservice account credentials.*

*In the demo program, the variable **\$xmlrequest** contains an example order for which the following has been set:*

- *order reference = „**order reference 4711**“*
- *comments to your order = „**Attention: Test order, please cancel**“*
- *no differing delivery address was used*
- *order item references „**order item reference 1**“ and „**order item reference 2**“ were added for the articles **180000002** and **180000003**, which are ordered in the quantity of **2** and **1** piece(s).*

Demonstration program for order transmission in the PHP programming language:

```
<?php TEST ORDER

    // REMARK: XML needs to be encoded in UTF-8 !
    // Your webservice account name
    // Your webservice password
    // Your customer number

    $user = "";
    $pass = "";
    $kunde = "";

    $xmlresponse="";

    // Your order

    $xmlrequest = '<?xml version="1.0" encoding="utf-8"?><order><request_date_time></request_date_time><customers_number><cn_value>$kunde</cn_value></customers_number><shipping_method><sm_value>0</sm_value></shipping_method><partial_shipment><ps_value>true</ps_value></partial_shipment><order_reference><or_value><![CDATA[order reference 4711]]></or_value></order_reference><order_note><on_value><![CDATA[Attention: Test order, please cancel!!!]]></on_value></order_note><delivery_address><da_is_different><da_value>>false</da_value></da_is_different></delivery_address><product_list><product><p_sku>180000002</p_sku><p_lineref><![CDATA[order item reference 1]]></p_lineref><p_quantity><pq_ordered>2</pq_ordered></p_quantity></product><product><p_sku>180000003</p_sku><p_lineref><![CDATA[order item reference 2]]></p_lineref><p_quantity><pq_ordered>1</pq_ordered></p_quantity></product></product_list></order>';

    // preparation of necessary header information
    $auth = base64_encode($user . ':' . $pass);
    $params = array(
        'http' => array(
            'method' => 'POST',
            'user_agent' => 'PHP 5;',
            'header' => "Content-type: application/x-www-form-urlencoded\r\n" .
                "Content-Length: " . strlen($xmlrequest) .
                "\r\n" .
                "Cache-Control: no-cache\r\n" .
                "Connection: close\r\n" .
                "Authorization: Basic $auth \r\n",
            'content' => $xmlrequest
        )
    );
    $context = stream_context_create($params);

    // REMARK: - to use HTTPS, extension=php_openssl.dll
    // needs to be enabled in php.ini !!!
    // - sadly readfile does not work with HTTPS,
    // as a workaround we use fopen

    $fp = fopen('https://ws.falk-ross.eu/webservice/R02_000/order?format=xml', 'r', false, $context);
    if ($fp) {
        while (!feof($fp)) {
            $xmlresponse .= fgets($fp,128);
        }
        fclose($fp);
    }

    echo $xmlresponse;
?>
```

If your webservice order cannot be processed by our system you will receive the weborder number „0“. An error code and error description will be placed in the corresponding XML error tag in the XML response file. In addition, you will also find an error code and error description at the location/XML Tag that caused the order to be rejected within the response file.

<i>Error codes:</i>		
<i>Code</i>	<i>Meaning</i>	<i>Remarks</i>
0	<i>No error</i>	
10	<i>General error</i>	
20	<i>Generally invalid data</i>	
21	<i>Data format invalid</i>	<i>e.g. letter instead of integer number</i>
22	<i>Invalid data length</i>	<i>e.g. max. number of characters exceeded</i>
23	<i>Mandatory data missing</i>	<i>e.g. article number is missing</i>
30	<i>Object not found</i>	<i>e.g. article number is non-existent</i>
40	<i>Access denied</i>	
41	<i>Delivery block</i>	

Additional XML file examples:

Different delivery address and partial delivery enabled	
<pre> <?xml version="1.0" encoding="utf-8"?> <order> <request_date_time/> <customers_number> <cn_value>\$kunde</cn_value> </customers_number> <shipping_method> <sm_value>0</sm_value> </shipping_method> <partial_shipment> <ps_value>true</ps_value> </partial_shipment> <order_reference> <or_value> <![CDATA[Referenzbeleg 4711]]> </or_value> </order_reference> <order_note> <on_value> <![CDATA[ACHTUNG: Test Bestellung, bitte stornieren!!!]]> </on_value> </order_note> <delivery_address> <da_is_different> <da_value>true</da_value> </da_is_different> <da_lastname> <da_value><![CDATA[Nachname]]></da_value> <da_err /> <da_err_msg /> </da_lastname> <da_firstname> <da_value><![CDATA[Vorname]]></da_value> <da_err /> <da_err_msg /> </da_firstname> <da_company> <da_value><![CDATA[Firmenname]]></da_value> <da_err /> <da_err_msg /> </da_company> <da_street_address> <da_value><![CDATA[Straße 1]]></da_value> <da_err /> <da_err_msg /> </da_street_address> <da_city> </pre>	<p><i>Your customer number</i></p> <p><i>Partial delivery = yes</i></p> <p><i>Different delivery address = yes „1“ would also be valid</i></p> <p><i>Different delivery address to:</i></p> <p><i>Last name</i></p> <p><i>First name</i></p> <p><i>Company name</i></p> <p><i>Street address</i></p>

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<pre> <da_value><![CDATA[Stadt]]></da_value> <da_err /> <da_err_msg /> </da_city> <da_postcode> <da_value>67661</da_value> <da_err /> <da_err_msg /> </da_postcode> <da_country_code> <da_value>DE</da_value> <da_err /> <da_err_msg /> </da_country_code> </delivery_address> <product_list> <product> <p_sku>180000002</p_sku> <p_lineref> <![CDATA[Ihre Bestellpositionsreferenz 1]]> </p_lineref> <p_quantity> <pq_ordered>2</pq_ordered> </p_quantity> </product> <product> <p_sku>180000003</p_sku> <p_lineref> <![CDATA[Ihre Bestellpositionsreferenz 2]]> </p_lineref> <p_quantity> <pq_ordered>1</pq_ordered> </p_quantity> </product> </product_list> </order> </pre>	<p>City</p>
---	-------------

No differing delivery address and partial delivery disabled

```
<?xml version="1.0" encoding="utf-8"?>
<order>
  <request_date_time/>
  <customers_number>
    <cn_value>$kunde</cn_value>
  </customers_number>
  <shipping_method>
    <sm_value>0</sm_value>
  </shipping_method>
  <partial_shipment>
    <ps_value>false</ps_value>
  </partial_shipment>
  <order_reference>
    <or_value>
      <![CDATA[Referenzbeleg 4711]]>
    </or_value>
  </order_reference>
  <order_note>
    <on_value>
      <![CDATA[ACHTUNG: Test Bestellung, bitte
stornieren!!!]]>
    </on_value>
  </order_note>
  <delivery_address>
    <da_is_different>
      <da_value>false</da_value>
    </da_is_different>
  </delivery_address>
  <product_list>
    <product>
      <p_sku>180000002</p_sku>
      <p_lineref>
        <![CDATA[Ihre Bestellpositionsreferenz 1]]>
      </p_lineref>
      <p_quantity>
        <pq_ordered>2</pq_ordered>
      </p_quantity>
    </product>
    <product>
      <p_sku>180000003</p_sku>
      <p_lineref>
        <![CDATA[Ihre
Bestellpositionsreferenz 2]]>
      </p_lineref>
      <p_quantity>
        <pq_ordered>1</pq_ordered>
      </p_quantity>
    </product>
  </product_list>
</order>
```

Your customer number

Partial delivery = no

*Different delivery address = no
„0“ would also be valid, but no
alternate delivery address is*

Example XML responses:

Your order was accepted	
<pre> <?xml version="1.0" encoding="UTF-8"?> <order><orders_id>8628005</orders_id> <response_date_time>2020-06-08 11:32:14</response_date_time> <request_date_time>2020-06-02 13:35:47</request_date_time> <customers_number><cn_value>xxxxyy</cn_value> </customers_number> <shipping_method><sm_value>0</sm_value> </shipping_method> <partial_shipment><ps_value>0</ps_value> </partial_shipment> <order_reference><or_value> Bestellung Problemtest </or_value> </order_reference> <order_note><on_value> Test Bestellung Ingo. Bitte stornieren. </on_value> </order_note> <delivery_address> <da_is_different> <da_value>0</da_value> </da_is_different> </delivery_address> <product_list><product><p_sku> 102090003 </p_sku> <p_lineref> Test 1 </p_lineref> <p_quantity><pq_ordered> 1 </pq_ordered> </p_quantity> </product> </product_list> </order> </pre>	<p>Web order number received = 8628005</p> <p>No error code present</p>

Your order was rejected
Cause: article number requested does not exist

```
<?xml version="1.0" encoding="UTF-8"?>
<order><orders_id>0</orders_id>
<response_date_time>2020-06-08
12:02:49</response_date_time>
<err>10</err>
<request_date_time>2020-06-02
13:35:47</request_date_time>
<customers_number><cn_value>142233</cn_value>
>
</customers_number>
<shipping_method><sm_value>0</sm_value>
</shipping_method>
<partial_shipment><ps_value>0</ps_value>
</partial_shipment>
<order_reference><or_value>
Bestellung Problemtest
</or_value>
</order_reference>
<order_note><on_value>
Test Bestellung Ingo. Bitte stornieren.
</on_value>
</order_note>
<delivery_address><da_is_different><da_value>0</
da_value>
</da_is_different>
</delivery_address>
<product_list><product><p_sku>999999999</p_sku>
>
<p_quantity><pq_ordered>
1
</pq_ordered>
</p_quantity>
<item><p_err>30</p_err>
<msg>Artno not found</msg>
</item>
</product>
</product_list>
</order>
```

Web order number received = 0
Error code = 10
General error

Error code = 30
 Message: **Art no. not found**
 Cause of error: article number not found

Your order was rejected
Cause: discontinued item was overordered

```
<?xml version="1.0" encoding="UTF-8"?>
<order><orders_id>0</orders_id>
<response_date_time>2020-06-08
12:13:33</response_date_time>
<err>10</err>
<request_date_time>2020-06-02
13:35:47</request_date_time>
<customers_number><cn_value>142233</cn_value>
>
</customers_number>
<shipping_method><sm_value>0</sm_value>
</shipping_method>
<partial_shipment><ps_value>0</ps_value>
</partial_shipment>
<order_reference><or_value>
Bestellung Problemtest
</or_value>
</order_reference>
<order_note><on_value>
Test Bestellung Ingo. Bitte stornieren.
</on_value>
</order_note>
<delivery_address><da_is_different><da_value>0</
da_value>
</da_is_different>
</delivery_address>
<product_list><product><p_sku>059470004</p_sku>
>
<p_quantity><pq_ordered>
700
</pq_ordered>
</p_quantity>
<item><p_err>30</p_err>
<msg>ERROR_MESSAGE_FRSTOCK_OUTOFSTOCK</
msg>
</item>
</product>
</product_list>
</order></order>
```

Web order number received = 0
Error code = 10
General error

Error code = 30
Message:
ERROR_MESSAGE_FRSTOCK_OUTOFSTOCK
Cause of error: order quantity for a discontinued article exceeds stock

Please take note:

After your webservice account has been set up, it will operate in test mode (for the order interface only)

*Test mode means that your orders sent to the interface will be accepted and responded to, but they will **not** be transferred to our ERP system and therefore **not** go into shipping.*

After you have successfully implemented the order interface, please contact your responsible Falk&Ross sales team or send an e-Mail to it-business@falk-ross.com with the request to enable live mode for your webservice account. Once the account has been switched to live mode, you will receive an confirmation e-Mail. From that moment, your transmitted webservice orders will be passed on to our ERP system and will be shipped to the delivery address specified in the XML file automatically.

To avoid side effects, please do not transmit several orders at the same time. A few seconds should pass between each order transmission.

5. F&R Order Status and Tracking

Date: 05.02.2020

XML Version: R000-011

Document Version: 1.0

History of changes:

Date:	Version	Description:
2.4.2020	R000-010	Added URL parameter <i>shippingdate=shipping_date</i>
4.2.2020	R000-011	Added <i><order></i> TAG into <i>get_order</i>
4.2.2020	R000-011	Added <i><order_state_code></i> Tag to <i>get_order</i> and <i>get_order_status</i> = order status code implemented. (0=order recieved;10=in processing;100=invoiced)

General remarks:

The methods detailed in this document provide you with the option to obtain your order status for your webshop orders and tracking numbers once the orders are shipped by using the Falk&Ross Webservices.

How does the Order Status and Tracking interface work?

By querying URL's with a defined set of parameters you can access your order status and tracking numbers for processing in your own systems.

Order status for webshop orders in XML format:

You can fetch and process your order status information for webshop orders by using the following link, we only provide a XML format in this case.

https://webservice_account:webservice_password@ws.falk-ross.de/ws/run/track.pl?format=xml&s&action=get_order&date=

*The placeholders **webservice_account** and **webservice_password** need to be replaced with your personal Falk&Ross Webservices credentials.*

Data accessed by using this link is structured as follows:

Output:

<pre><order_list> <export_data_date>2020-02-04 11:14:59</export_data_date> <file_version>R000-010</file_version> <weborder> <order_nr>84xxxxx1</order_nr> <order_date>2020-02-04</order_date> <order_state>berechnet</order_state> <order_state_code>100</order_state_code> <order_is_test>0</order_is_test> <order_partial_shipment>0</order_partial_shipment> <order_is_webservice_order>1</order_is_webservice_ord er> <order_ref>xxxxx1</order_ref> <shipment_list> </shipment_list> </weborder> <weborder> <order_nr>84xxxxx2</order_nr> <order_date>2020-02-04</order_date> <order_state>berechnet</order_state> <order_state_code>100</order_state_code> <order_is_test>0</order_is_test> <order_partial_shipment>0</order_partial_shipment> <order_is_webservice_order>1</order_is_webservice_ord er> <order_ref>xxxxx2</order_ref> <shipment_list> <shipment> <shipping_date>2020-02-04</shipping_date> <bill_date>2020-02-04</bill_date> <bill_number>2020xxxx1</bill_number> <parcel_list> <parcel> <pid>41363422x1</pid> <carrier>UPS</carrier> <tracking_number>1Z76339xxx1</tracking_number> <weight>0.98</weight> </parcel> ... </parcel_list> </shipment> ... </shipment_list> </weborder> ... </order_list></pre>	<p>Shipping carton invoiced, no tracking numbers yet</p> <p>Shipping carton invoiced, tracking numbers available.</p>
--	--

Shipping carton invoiced, no tracking numbers yet

Shipping carton invoiced, tracking numbers available.

XML tags explained:

<export_data_date>	Time stamp of export in ISO format
<file_version>	Interface version used, in this case run=R000-010
<order_nr>	Webshop order number
<order_date>	Order date
<order_state>	Order status
<order_state_code>	0=order recieved;10=in processing;100=invoice
<order_is_test>	Test order if webservices are in test mode
<order_is_webservice_order>	Is order placed through webservices
<order_ref>	Your reference number
<shipping_date>	Shipping date
<bill_date>	Billing date
<parcel>	Parcel data bracket
<pid>	Internal Falk&Ross carton number
<carrier>	Freight carrier (UPS etc.)

<tracking_number>	Tracking number for this shipping carton
<weight>	Shipping carton weight in kilograms

Additional parameters possible in the URL are:

date: This parameter enables you to query for the order status and tracking information of your webshop orders for a given **order date** (in ISO format). If no value is specified for **date**, the current date is set as default. If there is no data for the specified **date**, you will receive an error message in the xml output:

Output:	
	<pre> <error> <error_code>100</error_code> <error_msg>no data</error_msg> </error> </pre>

shippingdate: This parameter enables you to query for the order status and tracking information of your webshop orders for a given **delivery date** (in ISO format). If no value is specified for **shippingdate**, the current date is set as default. If there is no data for the specified **shippingdate**, you will receive an error message in the xml output:

Output:	
	<pre> <error> <error_code>100</error_code> <error_msg>no data</error_msg> </error> </pre>

order: This parameter enables you to query for the order status and tracking information of your webshop orders for a specific webshop order. If there is no data for the specified **order**, you will receive an error message in the xml output:

Output:	
	<pre> <error> <error_code>100</error_code> <error_msg>no data</error_msg> </error> </pre>

If you only want to query the status of your webshop orders, you may use the following URL:

https://webservice_account:webservice_password@ws.falk-ross.de/ws/run/track.pl?format=xml&s&action=get_order_status&date=

Output:

```
<order_list_status>
<export_data_date>2020-02-04
11:53:03</export_data_date>
<file_version>R000-011</file_version>
<order_list>
<order>
<order_nr>849xxx1</order_nr>
<order_date>2020-02-04 11:15:26</order_date>
<order_netto sum>9.38</order_netto sum>
<order_ref>refxxx1</order_ref>
<order_state>angelegt</order_state>
<order_state_code>0</order_state_code>
</order>
<order>
<order_nr>849xxx2</order_nr>
<order_date>2020-02-04 11:15:23</order_date>
<order_netto sum>9.16</order_netto sum>
<order_ref>refxxx2</order_ref>
<order_state>inBearbeitung</order_state>
<order_state_code>10</order_state_code>

</order>
<order>
<order_nr>849xxx3</order_nr>
<order_date>2020-02-04 10:25:18</order_date>
<order_netto sum>47.58</order_netto sum>
<order_ref>refxxx3</order_ref>
<order_state>berechnet</order_state>
<order_state_code>100</order_state_code>

</order>
...
</order_list>
</order_list_status>
```

XML tags explained :

<export_data_date>	Time stamp of export in ISO format
<file_version>	Interface version used, in this case run=R000-011
<order>	Webshop order
<order_nr>	Webshop order number
<order_netto sum>	Base order total without taxes, freight cost and additional markups.
<order_ref>	Your reference number
<order_state>	Order status (received, in processing, invoiced)

<order_state_code>	0=order received; 10=in processing; 100=invoiced
--------------------	--

Additional parameters possible in the URL are:

date: This parameter enables you to query for the order status and tracking information of your webshop orders for a given **order date** (in ISO format). If no value is specified for **date**, the current date is set as default. If there is no data for the specified **date**, you will receive an error message in the xml output:

Output:	
	<pre> <error> <error_code>100</error_code> <error_msg>no data</error_msg> </error> </pre>

order: This parameter enables you to query for the order status and tracking information of your webshop orders for a specific webshop order. If there is no data for the specified **order**, you will receive an error message in the xml output:

Output:	
	<pre> <error> <error_code>100</error_code> <error_msg>no data</error_msg> </error> </pre>

How we handle changes in the XML file's structure in a new version:

Changes may be made to the XML file's structure with a new version, possibly preventing your current setup from importing successfully. Because of that, when we modify the XML file structure, we also update the xml file's version.

To avoid compatibility problems on your side, we always provide previous versions of the XML file for continuing use. To use this feature, you have to modify the download URL for the file to use the version specific one as shown below. If you have implemented your import setup with a specific version of the XML file in the past, please continue to use the version specific link.

XML Version:	Version:	Url:
11	R000-011	https://ws.falk-ross.de/ws/R000-011/track.pl?action=get_order...
10	R000-010	https://ws.falk-ross.de/ws/R000-010/track.pl?action=get_order...
9	R000-009	https://ws.falk-ross.de/ws/R000-009/track.pl?action=get_order...
8	R000-008	https://ws.falk-ross.de/ws/R000-008/track.pl?action=get_order...
<i>Always the current version</i>	<i>Current version</i>	https://ws.falk-ross.de/ws/run/track.pl?action=get_order ...

The XML tag `<file_version>...</file_version>` contains the version of the XML file in use, making sure import continues to work when you need to use a historic version of the export. If new data was introduced to the export, you may have to upgrade a higher version of the export/file if you intend to process the additional data. This may make changes to your import setup necessary because of changes in XML file structure.

We ask you to take this into account in your implementation.

Please let us know about your wishes and suggestions concerning the order status a tracking interface by contacting us at:

We look forward to your suggestions and the joint implementation of your wishes and suggestions for improvement.