**K-EX WebAPI**

**Interface**

**documentation**

version 1.3

January2013

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# Changes

* In version 1.3 there was enabled API through SOAP protocol
* In version 1.3 there was enabled API through SOAP protocol available on web http://kurier.k-ex.pl/api/ws.php?wsdl
* In version 1.2.2 there was introduced optional parameter<Format>format</Format> for the method of obtaining print out`s of the labels „ObtainPrint-outoftheLabels” determining if return data are supposed to be formated for normal printer or for type „Zebra”, „Z”- Zebra, „N” or if the lack of the parameter means normal print.
* In version 1.2.1 correction to a EPLUS service symbol, proper form U\_EPLUS
* In version 1.2.1 there was introduced service „Long Parcel”. In a field dedicated to U\_DLUZYCA\_ILOSC there should be specified amount of „Long Parcels” (Amount should not exceed amount of packages in a parcel) as an integer. Also there was added service of field „Service Express Plus” U\_EPLUS. New field gets values Y/N ( Yes/No) if empty field gets value N ( No)

# Introduction

K-EX WebAPI (so called API) allows to perform basic operations concerning placing an order and edition of order in K-EX system as well as obtaining information about order.

User may choose from two interfaces API – POST/GET and SOAP.

# API POST/GET

This solution allows user to communicate with system by ap1.php script.By properly inducing script, user performs indicated operation. As a result of inducing api.php user gets XML file informing about completed task or possible errors. Scrip api.php is available on web **kurier.k-ex.pl/api/api.php**.

Entrance data may be transferred to the script api.php. by GET or POST method.

Two basic entrance parameters are used:

* *keyAPI* – unique client`s identifier(line of signs)
* *data*– XML including name of induced API method and parameters of inducing such method.

In examples of XML code elements in square brackets ([ ]) refer to optional elements.

# API SOAP

This solution is based on communication through SOAP protocol. Description of the service is defined by WSDL language and it is available on web **kurier.k-ex.pl/api/ws.php?wsdl**

API SOAP presents CallMethod method which consists of two basic entrance parameters: keyAPI and data (analogic to the API POST/GET) and one exit parameter – text type. Result as XML.

**Example script API client in PHP language**

*$wsdl = 'http:// kurier.k-ex.pl/api/ws.php?wsdl';*

*$kluczAPI = 'aabbccdd-eeff-gggg-iijj-kkllmmnnoopp';*

*$dane= " <Dane>*

*<NazwaMetody>PobierzListeIndendtyfikatorowPrzesylek</NazwaMetody>*

*<Parametry>*

*<DataUtworzenia>2012-12-10</DataUtworzenia>*

*<IdentyfikatorXmlPrzesylki></IdentyfikatorXmlPrzesylki>*

*</Parametry>*

*</Dane>";*

*$client = new SoapClient($wsdl);*

*$result = $client->\_\_soapCall("CallMethod", array($kluczAPI, $dane));*

# User`s authorization

User`s authorizationis essential and it is based on unique key (line of signs) transferred in keyAPI parameter. Pursuant to above user (client) is verified in the system and gets proper rights to perform operation.

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# Entrance XML

XML data (line of signs in XML standard) describing name of inducedAPI method and it`s parameters are transferred by parameter *data*

K-EX Web APi interface is case sensitive and special attention should be paid to capital letters in particular XML fields transferred to the system.

<Dane>

<NazwaMetody>...</NazwaMetody>

<Parametry>...</Parametry>

</Dane>

# Exit XML

As a result of inducing API user obtains from system an answer returned in XML format consisting of results of operation of induced method and possible errors.

<?xmlversion="1.0"encoding="UTF-8"?>

<Odpowiedz>

[<Wyniki>...</Wyniki>]

[<Bledy>

<Blad>

[<Linia></Linia>]

[<Kolumna></Kolumna>]

[<NumerPrzesylki></NumerPrzesylki>]

<Komuniakt></Komuniakt>

</Blad>

...

</Bledy>]

</Odpowiedz>

# Adding a parcel

**Method name:**

AddParcels

**Parameters:**

<Przesylka>

<nazwa\_pola>wartość</nazwa\_pola>

...

<Przesylka>

...

Proper method inducing causes adding one or many parcels to the K-EX

Names of elements that may be used in the description of added parcel are specified by the table below.

**Return value:**

<Przesylka>

<NumerPrzesylki>numer</NumerPrzesylki>

<IdentyfikatorXmlPrzesylki>identyfikator\_xml</IdentyfikatorXmlPrzesylki>

</Przesylka>

...

whereas:

* number – number of parcel granted by the K-EX system
* identyficator\_xml – identifierLP transferred along with information about the parcel. When there is a lack it is consecutive number in entrance XML.

|  |  |  |
| --- | --- | --- |
| **Element`s name (field)** | **Description** | **Additional information** |
| USLUGA | Service | E-Express |
| U\_EPLUS | Service Express Plus | Y/N implicitly system sets value as N |
| ZLECENIODAWCA | CK of mandator | CK of a mandator (12 signs), ex. CK2345678 |
| PLATNIK | Payer | GN/GO/ZL/ST GN –sender by cash, GO –cash by recipient, ZL –mandator as in contract, ST –third party |
| CK\_ST | CK of payer being third party | CK of payer indicated as a third party (12 signs), ex. CK2345678 |
| DATA\_N | Date of sending | yyyy-mm-dd, if 0 or if empty system assumes the earliest possible. |
| DATA\_D | Date of delivery | As above |
| N\_CK | CK of sender | No of client`s sender (12 signs), i.e.: CK1234567. |
| N\_NAZWA | Name of sender | max 100 signs, field taken into consideration on the condition that the CK of sender was not specified. |
| N\_ULICA | Street of sender | As above |
| N\_MIEJSCOWOSC | Locality of sender | As above |
| N\_KOD\_POCZTOWY | Postal code of sender | 99-999, field taken into consideration if the CK of mandator was not specified. |
| N\_NR\_DOMU | Number of sender building | max 10 signsfield taken into consideration if the CK of mandator was not specified |
| N\_NR\_LOK | Number of sender apartment | max 6 signs, field taken into consideration if the CK of mandator was not specified |
| N\_OS\_PRYW | Private sender | Y/N, if empty system assumes y field taken into consideration if the CK of mandator was not specified |
| N\_NIP | NIP of sender | 012-345-67-89, 012-32-12-456 lub 0123456789 (10 cyphers, max 13 signs) , field taken into consideration if the CK of mandator was not specified |
| N\_OS\_NADAJACA | Sender person | max 150 signs,if empty and filled field N\_CK then system assumes implicit values connected to the CK data |
| N\_TEL\_ST | fixed-in phone of sender | max. 15 signs, if empty as above |
| N\_TEL\_GSM | Cell Phone of sender | max. 15 signs, if empty as above.. |
| N\_EMAIL | e-mail of sender | max 100 signs, if empty as above |
| O\_CK | CK recipient | Nr of clientbeing a recipient (12 signs), ex.: CK1234567. |
| O\_NAZWA | Name of recipient | max 100 signs, field taken into consideration if the CK of recipient was not specified |
| O\_ULICA | Street of recipient | as above |
| O\_MIEJSCOWOSC | Locality of recipient | as above |
| O\_KOD\_POCZTOWY | Postal code of recipient | 99-999, field taken into consideration if the CK of recipient was not specified |
| O\_NR\_DOMU | Number of buliding of recipient | max 10 signs, field taken into consideration if the CK of recipient was not specified |
| O\_NR\_LOK | Number of apartment of recipient | max 6 signs, field taken into consideration if the CK of recipient was not specified |
| O\_OS\_PRYW | Osoba prywatna odbiorca | Y/N, if empty system assumes Y, field taken into consideration if the CK of recipient was not specified |
| O\_NIP | NIPrecipient | 012-345-67-89, 012-32-12-456 or 0123456789 (10 cypher, max 13 signs), filed taken into consideration if the CK of recipient was not specified |
| O\_OS\_NADAJACA | Recipient person | max 150 signs, if empty and field O\_CK was filled then system assumes implicit values connected to the CK |
| O\_TEL\_ST | fixed-in phoneof recipient | max. 15 signs, if empty as above |
| O\_TEL\_GSM | Cell phoneof recipient | max. 15 signs, if empty as above |
| O\_EMAIL | Mail of recipient | max 100 signs, if empty as above |
| E\_0 | Amount of envelopes | Integer , if empty then 0. Value taken if consideration for Express parcels |
| E\_1 | Parcels to 1kg | as above |
| E\_5 | Parcels to 5kg | as above |
| E\_10 | Parcels to 10kg | as above |
| E\_15 | Parcels to 15kg | as above |
| E\_20 | Parcels to 20kg | as above |
| E\_30 | Parcels to 30kg | as above |
| ROD\_1\_TYP | Type 1 of return document | Available values:   * RAN - Annex * RDW - Cc * RIN - Others * ROD - Invoice * RUA –contract/annex * RUM - contract * RWZ - WZ |
| ROD\_1\_OPIS | Description 1 of return document | max 50 signs |
| ROD\_2\_TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_2\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| ROD\_3\_ TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_3\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| ROD\_4\_ TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_4\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| ROD\_5\_ TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_5\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| ROD\_6\_ TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_6\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| ROD\_7\_ TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_7\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| ROD\_8\_ TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_8\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| ROD\_9\_ TYP | Type 1 of return document | analogical toROD\_1\_TYPE |
| ROD\_9\_ OPIS | Description 1 of return document | analogical toROD\_1\_DESCRIPTION |
| U\_POD | Return of document confirming the delivery | Y/N if empty system assumes N |
| U\_UBEZP | Insurance | Y/N if empty system assumes N |
| U\_WART\_UBEZP | Value of insurance | xxxxxxx,yy |
| U\_POBRANIE | Cash collection | N/T/E/S, N- no, T - standard, E - Express, S - SuperExpress, If empty system assumes N |
| U\_WART\_POBRANIA | Value of cash collection | xxxxxxx,yy |
| U\_RACH\_POBRANIA | Abn account for cash collection | max 26 signs |
| U\_NAD\_17 | Sending 17-22 hours | Y/N if empty system assumes N |
| U\_NAD\_AW\_TEL | arrival note - phone | Y/N if empty system assumes N |
| U\_NAD\_AW\_SMS | arrival note - SMS | Y/N if empty system assumes N |
| U\_NAD\_AW\_MAIL | arrival note - E-mail | Y/N if empty system assumes N |
| U\_DOST\_AW\_TEL | Awizacja dostawy - phone | Y/N if empty system assumes N |
| U\_DOST\_AW\_SMS | Awizacja dostawy - SMS | Y/N if empty system assumes N |
| U\_DOST\_AW\_MAIL | Awizacja dostawy - E-mail | Y/N if empty system assumes N |
| U\_DOST\_NSTD | Non standard delivery | N/9/17/W/G, 9 - to 9.00, 17 - hours 17.00-22.00, W –self collection, G –till specified hour, if empty system assumes N |
| U\_DOST\_GODZ | Hours of delivery | Hours of delivery for the delivery where hours of delivery were specified. Description as 11,12 .. 17. Required if U\_DOST\_NSTD=G |
| U\_DOST\_DRW | Delivered personally | Y/N if empty system assumes N |
| U\_DOST\_POTW\_MAIL | Confirmation of delivery - mail | Y/N if empty system assumes N |
| U\_DOST\_POTW\_SMS | Confirmation of delivery - SMS | Y/N if empty system assumes N |
| U\_BRAK\_PALET | Amount of missing crates | Integer, if empty assumed 0, only LTL |
| U\_ADR | ADR | TY/N if empty system assumes N |
| U\_DLUZYCA\_ILOSC | Long parcel | Integer of long parcels (no more than amount of parcels) |
| UWAGI | Notice | max 200 signs |
| OPIS | Goods description | max 255 signs |
| NR\_PRZESYLKI | No. Of parcel | 9 signs, if empty system grants automatic no |
| NR\_REF\_1 | Refrence no. 1 | max 40 signs |
| NR\_REF\_2 | Refrence no. 2 | max 40 signs |
| DZ\_CK | CK of client`s adress for return documents | No clinet`s adress for return documents (12 signs), np.: CK1234567. Filling this field causes that system will ignore fields below. |
| DZ\_NAZWA | Name of recipient for return documents | max 100 signs, field taken into consideration if client`s CK for return documents was not specified. |
| DZ\_ULICA | Street of recipient for return documents | as above |
| DZ\_MIEJSCOWOSC | Localityof recipient for return documents | as above |
| DZ\_KOD\_POCZTOWY | Postal codeof recipient for return documents | 99-999, field taken into consideration if client`s CK for return documents was not specified |
| DZ\_NR\_DOMU | No. of building of recipient for return documents | max 10 signs, field taken into consideration if client`s CK for return documents was not specified documents |
| DZ\_NR\_LOK | Number apartment of recipient for return documents | max 6 signs, field taken into consideration if client`s CK for return documents was not specified |
| DZ\_OS\_PRYW | Private party of recipient for return documents | Y/N, if empty system assumes Yif empty system assumes Y, field taken into consideration if client`s CK for return documents was not specified |
| DZ\_NIP | NIP of recipient for return documents | 012-345-67-89, 012-32-12-456 lub 0123456789 (10 cyfr, max 13 signs) , field taken into consideration if client`s CK for return documents was not specified |
| DZ\_OS\_NADAJACA | Recipient of return documents - person | max 150 signs, if empty and field DZ\_CK was filled the system assumes implicit values connected to the CK. |
| DZ\_TEL\_ST | fixed-in phoneof recipient for return documents | max. 15 signs, if empty as above |
| DZ\_TEL\_GSM | Cell phoneof recipient for return documents | max. 15 signs, if empty as above |
| DZ\_EMAIL | Mail of recipient for return documents | max 100 signs, if empty as above |
| ILOSC\_NIESTANDARD | Amount of non-standard parcels |  |
| NIEST\_WYSOKOSC | Height | Field taken into consideration if ILOSC\_NIESTANDARD filled |
| NIEST\_DLUGOSC | Length | Field taken into consideration if ILOSC\_NIESTANDARD filled |
| NIEST\_SZEROKOSC | Width | Field taken into consideration if ILOSC\_NIESTANDARD filled |
| LP | Identifier of parcel granted by API user | Max 40 signs. This field is not required and when it`s not specified the it will be granted implicitconsecutive parcel`s no in transferred XML. This filed allows client finding return information – what no. was granted to the parcel in the system. |
| EMAIL\_DLA\_WPR | EmailAddress for confirmation parcels receipt | E-mail addresswhere confirmation of acceptance of parcel by system for service (confirmation when WPR status appears). Field is not required. Max 100 signs. |

XML codedescribing parcel does not require all fields specified above. If any field is not specified then system assumes implicit values provided for it. If for example a parcel does not include return documents then there is no need to specify fields concerning return documents.

As regards to the parameters describing parcel no case sensitive is active which allows to use capital letters without consequence.

**Examples**

Development of method:

<Dane>

<NazwaMetody>DodajPrzesylki</NazwaMetody>

<Parametry>

<Przesylka>

<USLUGA>E</USLUGA>

<ZLECENIODAWCA>CK0015240</ZLECENIODAWCA>

<PLATNIK>GO</PLATNIK>

<N\_CK>CK0015240</N\_CK>

<O\_CK>CK0015242</O\_CK>

<E\_0>1</E\_0>

<E\_1>1</E\_1>

<ROD\_1\_TYPE>ROD</ROD\_1\_TYPE>

<ROD\_1\_DESCRIPTION>FV 12/09/2011</ROD\_1\_DESCRIPTION>

<DZ\_CK>CK0015240</DZ\_CK>

<U\_UBEZP>T</U\_UBEZP>

<U\_WART\_UBEZP>555</U\_WART\_UBEZP>

<U\_POBRANIE>T</U\_POBRANIE>

<U\_WART\_POBRANIA>500</U\_WART\_POBRANIA>

<U\_RACH\_POBRANIA>94248054301118707668959053</U\_RACH\_POBRANIA>

<UWAGI>Zielonym do góry</UWAGI>

<DESCRIPTION>Drzewko</DESCRIPTION>

<NR\_REF\_1>1111</NR\_REF\_1>

<NR\_REF\_2>1122</NR\_REF\_2>

<ILOSC\_NIESTANDARD>1</ILOSC\_NIESTANDARD>

<NIEST\_WYSOKOSC>20</NIEST\_WYSOKOSC>

<NIEST\_DLUGOSC>40</NIEST\_DLUGOSC>

<NIEST\_SZEROKOSC>65</NIEST\_SZEROKOSC>

</Przesylka>

<Przesylka>

<usluga>E</usluga>

<zleceniodawca>CK0015240</zleceniodawca>

<platnik>ZL</platnik>

<n\_ck>CK0015242</n\_ck>

<n\_os\_nadajaca>Jerzy Brzęczyszczykiewicz</n\_os\_nadajaca>

<n\_tel\_st>(41) 352-45-43</n\_tel\_st>

<n\_tel\_gsm>510-031-093</n\_tel\_gsm>

<n\_email>adresemail@domena.pl</n\_email>

<o\_nazwa>Edward Nożycoręki</o\_nazwa>

<o\_ulica>Zagnańska 61</o\_ulica>

<o\_miejscowosc>Kielce</o\_miejscowosc>

<o\_kod\_pocztowy>25-528</o\_kod\_pocztowy>

<o\_nr\_domu>61</o\_nr\_domu>

<o\_nr\_lok>211</o\_nr\_lok>

<o\_os\_pryw>T</o\_os\_pryw>

<o\_tel\_gsm>510-031-093</o\_tel\_gsm>

<o\_email>edwardn@domena.pl</o\_email>

<e\_0>1</e\_0>

<u\_pobranie>T</u\_pobranie>

<u\_wart\_pobrania>399,99</u\_wart\_pobrania>

<u\_rach\_pobrania>87311698425275300107902274</u\_rach\_pobrania>

<u\_ubezp>T</u\_ubezp>

<u\_wart\_ubezp>500</u\_wart\_ubezp>

<u\_dost\_aw\_mail>T</u\_dost\_aw\_mail>

<opis>Whiskey in the jar</opis>

<nr\_przesylki></nr\_przesylki>

<nr\_ref\_1>Aukcja: 1801974267</nr\_ref\_1>

<lp>Zamowienie: 8994645</lp>

<email\_dla\_wpr>biuro@domena.pl</email\_dla\_wpr>

</Przesylka>

</Parametry>

</Dane>

Data returned by the K-EX WebAPI system:

<Odpowiedz>

<Wyniki>

<Przesylka>

<NumerPrzesylki>303000014</NumerPrzesylki>

<IdentyfikatorXmlPrzesylki>1</IdentyfikatorXmlPrzesylki>

</Przesylka>

<Przesylka>

<NumerPrzesylki>303000025</NumerPrzesylki>

<IdentyfikatorXmlPrzesylki>Zamowienie: 8994645</IdentyfikatorXmlPrzesylki>

</Przesylka>

</Wyniki>

</Odpowiedz>

# Parcel edition

**Method name:**

EditParcels

**Parameters:**

<Przesylka>

<nazwa\_pola>wartość</nazwa\_pola>

...

<Przesylka>

...

Data describing edited parcel require field NR\_PRZESYLKI

Proper method inducing causes edition of one or many parcels in K-EX system

Names of field concerning parcel`s edition are exactly the same as fields concerning parcel`s addition.

**Return value:**

<Odpowiedz>

<Wyniki>

<Informacja>Edycja zakończona sukcesem</Informacja>

</Wyniki>

</Odpowiedz>

If transferred data are not correct the system returns report informing client that edition of parcels is not complete along with list of errors.

<Odpowiedz>

<Bledy>

<Blad>

<Komuniakt>

Podczas próby importu przesyłek wystąpiły błędy. Żadna z przesyłek nie została dodana do systemu.

</Komuniakt>

</Blad>

<Blad>

<NumerPrzesylki>303000036</NumerPrzesylki>

<Komuniakt>

Nieprawidłowa wartość ze słownika dla elementu "ROD\_1\_TYPE" [OD] Możliwości: (RAN, RDW, ROD, RIN, RUM, RUA, WZ, RWZ)

</Komuniakt>

</Blad>

<Blad>

<NumerPrzesylki>303000036</NumerPrzesylki>

<Komuniakt>

Nieprawidłowy format elementu "U\_RACH\_POBRANIA" [94248054301118707668959953]

</Komuniakt>

</Blad>

</Bledy>

</Odpowiedz>

**examples**

Induction of method:

<Dane>

<NazwaMetody>EdytujPrzesylki</NazwaMetody>

<Parametry>

<Przesylka>

<nr\_przesylki>303000036</nr\_przesylki>

<USLUGA>E</USLUGA>

<ZLECENIODAWCA>CK0015240</ZLECENIODAWCA>

<PLATNIK>GO</PLATNIK>

<N\_CK>CK0015240</N\_CK>

<O\_CK>CK0015242</O\_CK>

<E\_0>1</E\_0>

<E\_1>1</E\_1>

<ROD\_1\_TYPE>ROD</ROD\_1\_TYPE>

<ROD\_1\_DESCRIPTION>FV 12/09/2011</ROD\_1\_DESCRIPTION>

<DZ\_CK>CK0015240</DZ\_CK>

<U\_UBEZP>T</U\_UBEZP>

<U\_WART\_UBEZP>555</U\_WART\_UBEZP>

<U\_POBRANIE>T</U\_POBRANIE>

<U\_WART\_POBRANIA>500</U\_WART\_POBRANIA>

<U\_RACH\_POBRANIA>94248054301118707668959053</U\_RACH\_POBRANIA>

<UWAGI>Zielonym do góry</UWAGI>

<DESCRIPTION>Drzewko</DESCRIPTION>

<NR\_REF\_1>1111</NR\_REF\_1>

<NR\_REF\_2>1122</NR\_REF\_2>

<ILOSC\_NIESTANDARD>1</ILOSC\_NIESTANDARD>

<NIEST\_WYSOKOSC>20</NIEST\_WYSOKOSC>

<NIEST\_DLUGOSC>40</NIEST\_DLUGOSC>

<NIEST\_SZEROKOSC>65</NIEST\_SZEROKOSC>

<lp>Zamowienie: 9004621</lp>

</Przesylka>

</Parametry>

</Dane>

Data returned by the K-EX WebAPI system:

<Odpowiedz>

<Wyniki>

<Informacja>Edycja zakończona sukcesem</Informacja>

</Wyniki>

</Odpowiedz>

# Cancelling of parcel

**Name of the method:**

CancelParcels

**Parameters:**

<NumerPrzesylki>numer\_przesylki</NumerPrzesylki>

...

whereas:

* number\_parcel – number of parcel to be cancelled granted by the K-EX system

Proper method inducing causes cancelling one or more parcels in the K-EX system

**Return value:**

<AnulowanePrzesylki>

<NumerPrzesylki>numer</NumerPrzesylki>

...

</AnulowanePrzesylki>

As a result of correct operation XML is returned along with list of cancelled parcels

**Example**

Method inducing:

<Dane>

<NazwaMetody>AnulujPrzesylki</NazwaMetody>

<Parametry>

<NumerPrzesylki>303000040</NumerPrzesylki>

</Parametry>

</Dane>

Data returned by the K-EX WebAPI System:

<AnulowanePrzesylki>

<NumerPrzesylki>303000040</NumerPrzesylki>

</AnulowanePrzesylki>

# Obtaining list of parcels identifiers

**Name of the method:**

PobierzListeIndendtyfikatorowPrzesylek

**Parameters:**

<DataUtworzenia>data\_utworzenia</DataUtworzenia>

<IdentyfikatorXmlPrzesylki>identyfikator\_xml</IdentyfikatorXmlPrzesylki>

whereas:

* data\_utworzenia – indicates the day when parcel was added to the system. Data format YYYY-MM-DD
* identyfikator\_xml – optional parameter allowing to indicate that only those items should be returned which during adding had identifier equal to the given one.

Proper method induction allows to receive a list of all parcels that meet specified conditions. Method allows to obtain an information which parcels have been added to the system on given date.

Criterion IdentifierXmlParcel is optional and may be used for example if during adding parcels connection has been broken. This situation may cause that client may not receive return information about number of parcel and may not know if given parcel has been added to the system. Then by giving criterion of date and identifier LP system gives information about granted number in the system

**Return value:**

<PrzesylkaInfo>

<NumerPrzesylki>numer</NumerPrzesylki>

<IdentyfikatorXmlPrzesylki>identyfikator\_xml</IdentyfikatorXmlPrzesylki>

<DataModyfikacji>data\_modyfikacji</DataModyfikacji>

</PrzesylkaInfo>

...

**Examples**

Method induction:

<Dane>

<NazwaMetody>PobierzListeIndendtyfikatorowPrzesylek</NazwaMetody>

<Parametry>

<DataUtworzenia>2011-09-16</DataUtworzenia>

</Parametry>

</Dane>

Data returned by the K-EX WebAPI system:

<Odpowiedz>

<Wyniki>

<PrzesylkaInfo>

<NumerPrzesylki>303000025</NumerPrzesylki>

<IdentyfikatorXmlPrzesylki>2</IdentyfikatorXmlPrzesylki>

<DataUtworzenia>2011-09-16 15:23:07</DataUtworzenia>

</PrzesylkaInfo>

<PrzesylkaInfo>

<NumerPrzesylki>303000014</NumerPrzesylki>

<IdentyfikatorXmlPrzesylki>przesylka\_001</IdentyfikatorXmlPrzesylki>

<DataUtworzenia>2011-09-16 15:23:07</DataUtworzenia>

</PrzesylkaInfo>

</Wyniki>

</Odpowiedz>

# Obtaining parcels` status

**Name of the method:**

PobierzStatusy

**Parameters:**

<NumerPrzesylki>numer</NumerPrzesylki>

...

whereas:

* number – number of a parcel of which information shall be returned, granted by the system K-EX.

Correct method induction causes returning lists of a statuses for given parcels

**Return value:**

<StatusPrzesylki>

<NumerPrzesylki>numer</NumerPrzesylki>

<Status>status</Status>

<Opis>opis statusu</Opis>

</StatusPrzesylki>

...

**List of available statuses (status ):**

**OAK**–awaiting for the acceptance  
**ODR** - Rejected  
**AN** - cancelled  
**WPR**–Entered to the system  
**NO** - Non-accepted

**WDR**–during delivery  
**DOR**–delivered

**ZN** - return to the sender  
**DC** - to be explained  
**RE** - complaint  
**ZKN**–Ended

**BLD**–incorrect data

**Example**

Method induction:

<Dane>

<NazwaMetody>PobierzStatusy</NazwaMetody>

<Parametry>

<NumerPrzesylki>303000014</NumerPrzesylki>

<NumerPrzesylki>303000025</NumerPrzesylki>

</Parametry>

</Dane>

Returned by the K-EX WebAPI system:

<Odpowiedz>

<Wyniki>

<StatusPrzesylki>

<NumerPrzesylki>303000014</NumerPrzesylki>

<Status>OAK</Status>

<Opis>Oczekuje na akceptację</Opis>

</StatusPrzesylki>

<StatusPrzesylki>

<NumerPrzesylki>303000025</NumerPrzesylki>

<Status>OAK</Status>

<Opis>Oczekuje na akceptację</Opis>

</StatusPrzesylki>

</Wyniki>

</Odpowiedz>

# Obtaining tracking data

**Name of the method:**

PobierzDaneTrackingowe

**Parameters:**

<NumerPrzesylki>numer</NumerPrzesylki>

...

whereas:

* number – number of a parcel that return information T&T that is related to.

Correct method induction causes obtaining tracking data for given parcels

**Return value:**

<DaneTrackingowe>

<Przesylka>

<NumerPrzesylki>numer</NumerPrzesylki>

<Status>status</Status>

<DataNadania>data\_nadania</DataNadania>

<DataDoreczenia>data\_doreczenia</DataDoreczenia>

<HistoriaLista>

<Historia>

<Data>data</Data>

<Godzina>godzina</Godzina>

<Status>status</Status>

<Komentarz>komentarz</Komentarz>

<DaneDodatkowe>dane\_dodatkowe</DaneDodatkowe>

<Oddzial>nazwa\_oddziału</Oddzial>

</Historia>

...

</HistoriaLista>

</Przesylka>

...

</DaneTrackingowe>

**Examples**

Method induction:

<Dane>

<NazwaMetody>PobierzDaneTrackingowe</NazwaMetody>

<Parametry>

<NumerPrzesylki>303000014</NumerPrzesylki>

<NumerPrzesylki>303000025</NumerPrzesylki>

</Parametry>

</Dane>

Return data by K-EX WebAPI system:

<Odpowiedz>

<Wyniki>

<DaneTrackingowe>

<Przesylka>

<NumerPrzesylki>303000014</NumerPrzesylki>

<Status>Wprowadzona</Status>

<DataNadania/>

<DataDoreczenia/>

<HistoriaLista>

<Historia>

<Data>2011-09-16</Data>

<Godzina>15:25:04</Godzina>

<Status>Wprowadzona</Status>

<Komentarz>

Wprowadzona do systemu i oczekuje na przyjazd kuriera

</Komentarz>

<DaneDodatkowe/>

<Oddzial>Warszawa</Oddzial>

</Historia>

</HistoriaLista>

</Przesylka>

<Przesylka>

<NumerPrzesylki>303000025</NumerPrzesylki>

<Status>Wprowadzona</Status>

<DataNadania/>

<DataDoreczenia/>

<HistoriaLista>

<Historia>

<Data>2011-09-16</Data>

<Godzina>15:25:04</Godzina>

<Status>Wprowadzona</Status>

<Komentarz>

Wprowadzona do systemu i oczekuje na przyjazd kuriera

</Komentarz>

<DaneDodatkowe/>

<Oddzial>Warszawa</Oddzial>

</Historia>

</HistoriaLista>

</Przesylka>

</DaneTrackingowe>

</Wyniki>

</Odpowiedz>

# Obtaining print outs of parcels labels.

**Name of the method:**

PobierzWydrukiEtykiet

**Parameters:**

<Format>format</Format>

<NumerPrzesylki>numer</NumerPrzesylki>

...

whereas:

* format – optional parameter, describing if return data shall be formated for printer Zebra or normal one. Parameter may be expressed as a: Z – Zebra, N – normal print. If parameter is not specified in XML ( there is no line <Format>format</Format>), then system will format return data for normal printer.
* number –given by K-EX system number of a parcel for which labels shall be returned.

Correct method inducing causes return of coded (base64) PDF content for given parcels

Labels for parcels are returned immediately after adding a parcels, i.e in OAK status (awaiting for acceptance)

**Return value:**

<WydrukEtykiet>

<Dane>plik\_pdf\_zakodowany\_w\_base64</Dane>

</WydrukEtykiet>

**Example**

Induction of a method:

<Dane>

<NazwaMetody>PobierzWydrukiEtykiet</NazwaMetody>

<Parametry>

<NumerPrzesylki>303000014</NumerPrzesylki>

<NumerPrzesylki>303000025</NumerPrzesylki>

</Parametry>

</Dane>

Data returned by K-EX WebAPI system:

<Odpowiedz>

<Wyniki>

<WydrukEtykiet>

<Dane>

JVBERi0xLjMNCjEgMCBvYmoNCjw8IA0KL0xlbmd0aCA1MT...TGVuZ3RoMSAzNzgy

</Dane>

</WydrukEtykiet>

</Wyniki>

</Odpowiedz>

# Obtaining print-outs for consignment note

**Name of the method:**

PobierzWydrukiListowPrzewozowych

**Parameters:**

<NumerPrzesylki>numer</NumerPrzesylki>

...

whereas:

* number – given by the K-EX system number of a parcel for which consignment noteshall be returned

Correct method induction causes return of coded (base 64) PDF content for given parcels

Consignment notes are returned only for those parcels that have WPR status (entered to the system) If parcel has OAK status (awaiting for acceptance) then consignment note for such position will not be returned

**Returned value:**

<WydrukListowPrzewozowych>

<Dane>plik\_pdf\_zakodowany\_w\_base64</Dane>

</WydrukListowPrzewozowych>

**Example**

Method induction:

<Dane>

<NazwaMetody>PobierzWydrukiListowPrzewozowych</NazwaMetody>

<Parametry>

<NumerPrzesylki>303000014</NumerPrzesylki>

<NumerPrzesylki>303000025</NumerPrzesylki>

</Parametry>

</Dane>

Data returned by K-EX WebAPI system:

<Odpowiedz>

<Wyniki>

<WydrukListowPrzewozowych>

<Dane>

JVBERi0xLjMNCjEgMCBvYmoNCjw8IA0KL0xl...A9T3ouJxCoAGWPSgBZ51

</Dane>

</WydrukListowPrzewozowych>

</Wyniki>

</Odpowiedz>