

# Sisukord

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# XML Direct

## Tutvustus

XML Direct on standardiseeritud liides, mis töötab ühispöördumispunkti kaudu ning koosneb komponentidest, mida saab vastavalt vajadusele eraldi valida.

Kõigi komponentide väljad on fikseeritud ehk „lukus“ – see tähendab, et andmevorming ja struktuur on ühtsed kõigis Directo kliendibaasides. Arendused tehakse jagatud lahenduse põhimõttel ja liidese aktiveerimine ei vaja Directo-poolset kohandamist.

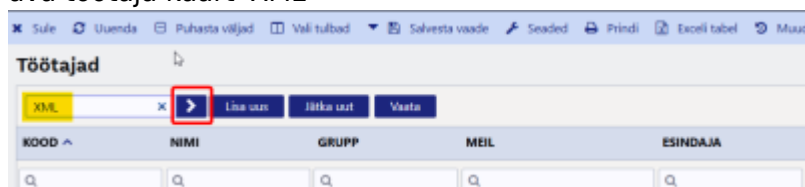
Liides võimaldab luua mitu erinevat API võtit, et pakkuda turvalist ligipääsu mitmele partnerile. Igal API võtmel võib olla ligipääs ainult valitud komponentidele, mis suurendab paindlikkust ja infoturvet.

Enne kasutuselevõttu tuleb kokku leppida, millised komponendid on vajalikud.

## API võti

Et leida liidese XML võti ja edastada see arendajale:

1. Logi Directosse sisse kasutajaga kellel on SUPER õigused
2. Kuna API võtmeid võib olla mitu, siis pead avama töötaja kaardi kellele on võti loodud. Näiteks ava töötaja kaart 'XML'



3. Liigu Admin sakile



4. Liigu sektsioonini XML liidesed

5. Vajaliku liidese real vajuta nuppu  et näha võtit

## Ligipääs liidesele (URL)

Liidesele ligipääs käib POST meetodil, form/urlencoded järgneva URL'i suhtes:

[https://login.directo.ee/xmlcore/cap\\_xml\\_direct/xmlcore.asp](https://login.directo.ee/xmlcore/cap_xml_direct/xmlcore.asp)

Ligipääsuks tuleb kasutada token'it (vaata eelmises peatükis saadud API võti). Token asendab vanemat tüüpi liideste appkey ja andmebaasi nime korraga. Token tuleb POST meetodil muutujas TOKEN (sarnaselt siis html vormi postitamisele) saata antud URL'i pihta tulemuse saamiseks.

Ebakorrektsed või valesti saadetud tokeni korral on vastus `<result type="5" desc="Unauthorized"/>` ja kui ei kasuta muutujat TOKEN, siis on vastus `<err>token required</err>`

## Üldised tehnilised nõuded

Sõltumata konkreetse liidestusprojekti spetsiifikast on teatud printsiibid, millega peab iga juhul arvestama.

- Andmete formaat on XML
- Andmete kodeering on UTF-8
- Transpordiprotokoll on HTTPS (avalikult tunnustatud sertifikaadiga)
- Liidesele ligipääsuks kasutatakse POST meetodit
- Andmeliikluse algatab alati väline osapool sõltumata sellest, kas andmeid päritakse või saadetakse, Directo liides on passiivne
- POST päringule vastab liides sünkroonse XML sõnumiga, mille töötlemine võib protsessi edukuse huvides oluline olla
- Andmete struktuur peab olema kirjeldatav XSD schemana, võimaluse korral eelistada schemat, kus väärtuste kandjaks on atribuudid, mitte elemendid
- Dokumendi numbrid Directos on *integer* tüüpi, mis tähendab, et suurim võimalik number on 2147483647
- Üks XML liidese postitus ei tohi olla suurem kui 10Mb

## curl näited

### get

```
curl --location
'https://login.directo.ee/xmlcore/cap_xml_direct/xmlcore.asp' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'token=.....' \
--data-urlencode 'get=1' \
--data-urlencode 'what=xxxxx' \
--data-urlencode 'ts=xx.xx.xxxx'
```



ts on siin näites filter, et pärida ainult muutunud andmeid

### put

```
url --location
'https://login.directo.ee/xmlcore/cap_xml_direct/xmlcore_maht.asp' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'token=.....' \
--data-urlencode 'put=1' \
--data-urlencode 'what=order' \
--data-urlencode 'xmldata=<?xml version="1.0" encoding="utf-8"?>
<orders>
  <order number="100034" date="2024-07-11T00:00:00" vatzone="0"
```

```

paymentterm="K" object="xx,WEB,XML,WEBSHOP" currency="EUR"
currdate="1.0000000000" customercode="TEST1" customername="Test klient 0Ü"
salesman="XML" deliverymethod="KULLER" customerordernumber="#1"
email="xx.yyy@directo.ee" stock="PL" country="EE" phone="+372xxxxxx"
address1="Mõisa tee 4" address2="10101, Tallinn" address3="Eesti"
deliveryaddress1="Mõisa 4" deliveryaddress2="10101, Tallinn"
deliveryaddress3="Eesti" deliveryname="deliveryname3" factoring="001"
deliveryterm="CFR" language="eng" deliverymethodcomment="Testing field"
text1="Testing field 2" text2="Testing field 3">
    <rows>
        <row item="0001" price="37.5" quantity="1" sum="37.5" rn="1"
rr="1"/>
        <row item="0002" price="20.83" quantity="1" sum="20.83" rn="2"
rr="2"/>
    </rows>
    <attachments>
        <attachment>
            <data>VGVzdA==</data>
            <name>Test.txt</name>
        </attachment>
    </attachments>
</order>
</orders>'

```

## Hind

### Hind sõltub valitud komponentidest.

Kustutatud dokumentide väljund on hinna sees ja tasuta.

### Lisa API võtme hind on 0 € kuus.

Kui mitmel API võtmel on samad komponendid, arvestatakse nende eest tasu ainult üks kord.

### Näide:

- API võti A sisaldab väljundeid: klient ja artikkel
- API võti B sisaldab väljundeid: klient ja tellimus

→ Sellisel juhul on tasu ainult kolme unikaalse komponendi eest: klient, artikkel ja tellimus.

## Testimine

XML Direct liidese testimise link [https://login.directo.ee/xmlcore/cap\\_xml\\_direct/webupload.html](https://login.directo.ee/xmlcore/cap_xml_direct/webupload.html)

## Üldine

- Väljundliidised näitavad kõiki kirjeid ning piiranguid saab teha päringu filtritega!

- Sisendliideste funktsionaalsust saab juhtida TRANSPORDI PARAMEETRITEGA - palun loe sisendkomponendi Transpordi parameetrite kohta täpsemalt. Vaikimisi tühja või '0' väärtusega transpordi parameetrit ei pea tegema.
- Osadel sisenditel toetab ka vaikeväärtuste seadistamist.

## Komponendid

### Valitavad komponendid

| Komponent (what)                                          | Sisend (put=1) | Väljund (get=1) |
|-----------------------------------------------------------|----------------|-----------------|
| Pakkumised (quotation)                                    | X              | X               |
| Tellimused (order)                                        | X              | X               |
| Arved (invoice )                                          | X              | X               |
| Laekumised (receipt)                                      | X              | X               |
| Kliendid (customer)                                       | X              | X               |
| Hankijad (supplier)                                       | X              | X               |
| Kontaktid (contact)                                       | X              | X               |
| Artiklid (item)                                           | X              | X               |
| Artiklid:Laolimiidid (itemstocklimit)                     |                | X               |
| Artiklid:Pakendid (itempackage)                           |                | X               |
| Artiklid:Seotud artiklid (itemrelitem)                    |                | X               |
| Artiklid:Artikli KM koodid ja kontod (itemaccountvatcode) |                | X               |
| Artikliklassid (itemclass)                                |                | X               |
| Artikli ajalugu (itemhistoryrow)                          |                | X               |
| Hinnavalemi read (priceformularow)                        |                | X               |
| Laod (stock)                                              |                | X               |
| Laoseis (stocklevel)                                      |                | X               |
| Laoseis variantidega (stocklevel_variant_sn)              |                | X               |
| Laoseisu vaba mõutavad kogused (allocation)               |                | X               |
| Retseptid (recipe)                                        | X              | X               |
| Lähetused (delivery)                                      | X              | X               |
| Liikumised (movement)                                     | X              | X               |
| Laotellimused(stockorder)                                 | X              | X               |
| Inventuurid (taking)                                      | X              | X               |
| Ostutellimused (purchaseorder)                            | X              | X               |
| Sissetulekud (stockreceipt)                               | X              | X               |
| Ostuarved (purchase)                                      | X              | X               |
| Laekumised (receipt)                                      | X              | X               |
| Kontod (account)                                          |                | X               |
| Objektid (object)                                         |                | X               |
| Finantskanded (transaction)                               | X              | X               |
| Finantskanderead (transactionrow)                         |                | X               |
| Projektid (project)                                       | X              | X               |
| Sündmused (event)                                         | X              | X               |
| Ressursid (resource)                                      | X              | X               |

| Komponent (what)                | Sisend<br>(put=1) | Väljund<br>(get=1) |
|---------------------------------|-------------------|--------------------|
| Kasutajad(user)                 | x                 | x                  |
| Asenduste logi (replacementlog) |                   | x                  |
| Kustutatud dokumendid (delete)  |                   | x                  |

## Sisendid

## Pakkumised

what=quotation [Skeem](#)

Päis:

| XML väli         | SQL väli            | UI väli | Selgitus |
|------------------|---------------------|---------|----------|
| session_id       | x                   |         |          |
| number           | number              |         |          |
| ext_unique_id    | ext_unique_id       |         |          |
| version          | versioon            |         |          |
| type             | tyyp                |         |          |
| validity         | kehtivus            |         |          |
| ourrep           | meie_esindaja       |         |          |
| ordercomment     | tellimusekommentaar |         |          |
| customercode     | klient_kood         |         |          |
| customername     | klient_nimi         |         |          |
| date             | aeg                 |         |          |
| address1         | aadress1            |         |          |
| address2         | aadress2            |         |          |
| address3         | aadress3            |         |          |
| deliveryaddress1 | lahetusaadress1     |         |          |
| deliveryaddress2 | lahetusaadress2     |         |          |
| deliveryaddress3 | lahetusaadress3     |         |          |
| paymentterm      | tingimus            |         |          |
| deliverymethod   | lahetusviis         |         |          |
| email            | email               |         |          |
| phone            | telefon             |         |          |
| fax              | faks                |         |          |
| stock            | ladu                |         |          |
| object           | objekt              |         |          |
| contact          | esindaja            |         |          |
| datafield1       | lisa_field1         |         |          |
| datafield2       | lisa_field2         |         |          |
| datafield3       | lisa_field3         |         |          |
| datafield4       | lisa_field4         |         |          |
| datafield5       | lisa_field5         |         |          |

| XML väli             | SQL väli               | UI väli | Selgitus |
|----------------------|------------------------|---------|----------|
| datafield6           | lisa_field6            |         |          |
| datafield7           | lisa_field7            |         |          |
| text1                | tekst1                 |         |          |
| text2                | tekst2                 |         |          |
| deliveryname         | klient_nimi_lahetusele |         |          |
| vatzone              | maa                    |         |          |
| priceformula         | hinna_kiri             |         |          |
| salesman             | myyja                  |         |          |
| currency             | valuuta                |         |          |
| currencyrate         | kurssbv1               |         |          |
| language             | keel                   |         |          |
| factoring            | arvetasub              |         |          |
| project              | projekt                |         |          |
| vatregno             | kmregnumber            |         |          |
| country              | asumaa                 |         |          |
| status               | staatus                |         |          |
| confirm              | kinnita                |         |          |
| deliverydate         | lahetusaeg             |         |          |
| deliveryterm         | lahetustingimus        |         |          |
| manager              | haldur                 |         |          |
| nextcontact          | jargmine_kontakt_aeg   |         |          |
| timeclose            | sulgemise_aeg          |         |          |
| competitor           | konkurendid            |         |          |
| closeingcomment      | sulgemise_komm         |         |          |
| statuschanged        | staatus_muutus         |         |          |
| budget               | eelarve                |         |          |
| prepaymentpercentage | e_pross                |         |          |
| campaignnotallowed   | keela_kampaania        |         |          |
| contract             | leping                 |         |          |
| validitycomment      | kehtivuse_kommentaari  |         |          |
| customer_type        | klient_tyyp            |         |          |
| customer_regno       | klient_regnr           |         |          |
| customer_class       | klient_klass           |         |          |
| customer_loyaltycard | klient_kliendikaart    |         |          |

**read:**

| XML väli      | SQL väli  | UI väli | Selgitus |
|---------------|-----------|---------|----------|
| item          | artikkel  |         |          |
| description   | nimetus   |         |          |
| price         | yhikuhind |         |          |
| quantity      | kogus     |         |          |
| discount      | ale       |         |          |
| purchaseprice | ostuhind  |         |          |
| account       | konto     |         |          |

| XML väli     | SQL väli     | UI väli | Selgitus |
|--------------|--------------|---------|----------|
| vatcode      | kmkood       |         |          |
| sn           | sn           |         |          |
| project      | projekt      |         |          |
| unit         | yhik         |         |          |
| comment      | r_kommentaar |         |          |
| variant      | variant      |         |          |
| salesman     | r_myyja      |         |          |
| sum          | summa        |         |          |
| package      | pakis        |         |          |
| stock        | r_ladu       |         |          |
| height       | korgus       |         |          |
| width        | laius        |         |          |
| depth        | sygavus      |         |          |
| volume       | maht         |         |          |
| weight       | kaal         |         |          |
| deliverydate | lahetusaeg   |         |          |
| date1        | r_aeg1       |         |          |
| date2        | r_aeg2       |         |          |
| periods      | perioodid    |         |          |
| text1        | tekst1       |         |          |
| text2        | tekst2       |         |          |
| text3        | tekst3       |         |          |
| text4        | tekst4       |         |          |
| constant1    | konstant1    |         |          |
| constant2    | konstant2    |         |          |
| constant3    | konstant3    |         |          |
| constant4    | konstant4    |         |          |
| rn           | rn           |         |          |
| rr           | rv           |         |          |

## Arved

what=invoice [Skeem](#)

## Päis:

| XML väli   | SQL väli | UI väli | Selgitus                                                  |
|------------|----------|---------|-----------------------------------------------------------|
| session_id | x        |         | for internal use at Directo side, do not send this field! |

| XML väli            | SQL väli             | UI väli                        | Selgitus                                                                                                                                          |
|---------------------|----------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| number              | number               | Arve                           | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| date                | aeg                  | Kuupäev                        | ALT.FROM: current time                                                                                                                            |
| duedate             | aeg2                 | Tähtaeg                        | ALT.FROM: paymentterm                                                                                                                             |
| transactiondate     | kande_aeg            |                                |                                                                                                                                                   |
| vatzone             | maa                  | KM maa                         | local = 0, EU = 1, export = 2 , ALT.FROM: customer > 0                                                                                            |
| paymentterm         | tingimus             | T-ting                         | ALT.FROM: customer , kui on kasutusel laekumiste loomine, läheb see kood ka laekumise makseviisiks                                                |
| ordernumber         | tellimusenr          | Tell. nr.                      |                                                                                                                                                   |
| latepaymentpenalty  | viivis               | Viivis                         | ALT.FROM: customer                                                                                                                                |
| object              | objekt               | Objekt                         | ALT.FROM: tr.params                                                                                                                               |
| project             | projekt              | Projekt                        |                                                                                                                                                   |
| account             | konto                | Võla konto                     |                                                                                                                                                   |
| country             | asumaa               | Sihtriik                       | ALT.FROM: customer                                                                                                                                |
| currency            | valuuta              | Valuuta                        | ALT.FROM: glob.settings > 'EUR'                                                                                                                   |
| currencyrates       | kurssbv1             | Kurss                          | ALT.FROM: ECB current published rates                                                                                                             |
| customercode        | klient_kood          | Klient                         | mandatory by default!                                                                                                                             |
| customername        | klient_nimi          |                                | ALT.FROM: customer                                                                                                                                |
| orderer_code        | klient_tellija       |                                |                                                                                                                                                   |
| contact             | esindaja             | Nende esindaja                 | ALT.FROM: customer                                                                                                                                |
| comment             | kommentaar           | Kommentaar                     |                                                                                                                                                   |
| intcomment          | sisekommentaar       | Sisekommentaar                 |                                                                                                                                                   |
| salesman            | myyja                | Müügiagent                     | ALT.FROM: tr.params > 'XML'                                                                                                                       |
| language            | keel                 | Keel                           | ALT.FROM: customer                                                                                                                                |
| customerordernumber | klienditellimus      | Kliendi tell. nr.              |                                                                                                                                                   |
| email               | email                | meil                           | ALT.FROM: customer                                                                                                                                |
| address1            | aadress1             | aadress, ! vastavalt seadetele | ALT.FROM: customer                                                                                                                                |
| address2            | aadress2             | aadress, ! vastavalt seadetele | ALT.FROM: customer                                                                                                                                |
| address3            | aadress3             | aadress, ! vastavalt seadetele | ALT.FROM: customer                                                                                                                                |
| phone               | telefon              | Telefon                        | ALT.FROM: customer                                                                                                                                |
| fax                 | faks                 | Faks                           |                                                                                                                                                   |
| deliveryname        | klientnimi_lahetusel | Nimi lähetusel                 |                                                                                                                                                   |

| XML väli              | SQL väli             | UI väli                                  | Selgitus                                                                                                                                                                                                                                                    |
|-----------------------|----------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| deliveryaddress1      | lahetusaadress1      | lähetusaadress, !<br>vastavalt seadetele |                                                                                                                                                                                                                                                             |
| deliveryaddress2      | lahetusaadress2      | lähetusaadress, !<br>vastavalt seadetele |                                                                                                                                                                                                                                                             |
| deliveryaddress3      | lahetusaadress3      | lähetusaadress, !<br>vastavalt seadetele |                                                                                                                                                                                                                                                             |
| priceformula          | hinnakiri            | Hinnavalem                               |                                                                                                                                                                                                                                                             |
| vatregno              | kmregnumber          | KM Reg. nr                               | ALT.FROM: customer                                                                                                                                                                                                                                          |
| datafield1            | lisa_field1          | Lisaväli 1, ! või vastavalt seadetele    |                                                                                                                                                                                                                                                             |
| datafield2            | lisa_field2          | Lisaväli 2, ! või vastavalt seadetele    |                                                                                                                                                                                                                                                             |
| datafield3            | lisa_field3          | Lisaväli 3, ! või vastavalt seadetele    |                                                                                                                                                                                                                                                             |
| datafield4            | lisa_field4          | Lisaväli 4, ! või vastavalt seadetele    |                                                                                                                                                                                                                                                             |
| datafield5            | lisa_field5          | Lisaväli 5, ! või vastavalt seadetele    |                                                                                                                                                                                                                                                             |
| datafield6            | lisa_field6          | Lisaväli 6, ! või vastavalt seadetele    |                                                                                                                                                                                                                                                             |
| datafield7            | lisa_field7          | Lisaväli 7, ! või vastavalt seadetele    |                                                                                                                                                                                                                                                             |
| quotation             | pakkumine            | Pakkumine                                |                                                                                                                                                                                                                                                             |
| contractnumber        | leping               | Leping                                   |                                                                                                                                                                                                                                                             |
| prepayment            | ettemaksu_arve       |                                          | 1 ettemaksu arve, 0 tavaline arve                                                                                                                                                                                                                           |
| type                  | tyyp                 |                                          |                                                                                                                                                                                                                                                             |
| status                | staatus              | Staatus                                  |                                                                                                                                                                                                                                                             |
| paymenttotal          | laekumine_summa      |                                          |  Positive number will create receipt with same doc. number. If receipt with this number already exists, receipt will not be created and no notification will be issued |
| confirm               | kinnita              |                                          | „1“ - confirm document                                                                                                                                                                                                                                      |
| stock                 | ladu                 | Ladu                                     | ALT.FROM: tr.params                                                                                                                                                                                                                                         |
| creditedinvoice       | kredarve             | Kred. arve                               |                                                                                                                                                                                                                                                             |
| asset                 | inventar             | Inventar                                 |                                                                                                                                                                                                                                                             |
| dealttype             | tehinguliik          | Tehinguliik                              |                                                                                                                                                                                                                                                             |
| delivery              | lahetusaeg           | Lähetusaeg                               |                                                                                                                                                                                                                                                             |
| deliveryterm          | lahetustingimus      | Läh. ting.                               | ALT.FROM: customer                                                                                                                                                                                                                                          |
| deliverytermcomment   | lahetustingimus_komm | Läh. ting.                               |                                                                                                                                                                                                                                                             |
| deliverymethod        | lahetusviis          | Lähetusviis                              |                                                                                                                                                                                                                                                             |
| deliverymethodcomment | lahetusviis_komm     | Lähetusviis                              |                                                                                                                                                                                                                                                             |
| manager               | haldur               | Vastutaja                                |                                                                                                                                                                                                                                                             |

| XML väli             | SQL väli            | UI väli                      | Selgitus                                                     |
|----------------------|---------------------|------------------------------|--------------------------------------------------------------|
| changestock          | muudaladu           |                              | stock changing invoice = 1                                   |
| customer_type        | klient_tyyp         | Kliendikaardil: Tüüp         | company = 0, private citizen = 1, government institution = 2 |
| customer_regno       | klient_regnr        | Kliendikaardil: Reg nr       |                                                              |
| customer_class       | klient_klass        | Kliendikaardil: Klass        |                                                              |
| customer_loyaltycard | klient_kliendikaart | Kliendikaardil: Kliendikaart |                                                              |

**read:**

| XML väli      | SQL väli      | UI väli      | Selgitus                                                        |
|---------------|---------------|--------------|-----------------------------------------------------------------|
| item          | artikkel      | Artikkel     |                                                                 |
| description   | seletus       | Sisu         | ALT.FROM: item                                                  |
| variant       | variant       | Variant      |                                                                 |
| price         | hind          | Ühikuhind    | unit price without vat                                          |
| discount      | pross         | %            |                                                                 |
| quantity      | kogus         | Kogus        |                                                                 |
| unit          | yhik          | Ühik         | ALT.FROM: item                                                  |
| sum           | summa         | Summa        |                                                                 |
| account       | konto         | Konto        | ALT.FROM: item > item class (depending on vatregion)            |
| object        | objektid      | Objekt       | ALT.FROM: item > item class                                     |
| project       | projekt       | Projekt      | ALT.FROM: item > item class                                     |
| purchaseprice | kulu          | Ostuhind     | ALT.FROM: item                                                  |
| vatcode       | kmk           | KMk          | ALT.FROM: customer > item > item class (depending on vatregion) |
| comment       | r_kommentaar  | Kommentaar   |                                                                 |
| date1         | r_aeg1        |              |                                                                 |
| date2         | r_aeg2        |              |                                                                 |
| salesman      | r_myyja       | Müüja        |                                                                 |
| order         | tellimus      |              |                                                                 |
| orderrow      | trn           |              |                                                                 |
| stock         | r_ladu        | Ladu         |                                                                 |
| sn            | seerianumber  | Seerianr     |                                                                 |
| deliverytime  | lahetusaeg    | Lähetusaeg   |                                                                 |
| customer      | r_klient      | Tellija      |                                                                 |
| customername  | r_klient_nimi | Tellija nimi |                                                                 |
| text1         | tekst1        | Tekst1       |                                                                 |
| text2         | tekst2        | Tekst2       |                                                                 |
| text3         | tekst3        | Tekst3       |                                                                 |
| text4         | tekst4        | Tekst4       |                                                                 |
| constant1     | konstant1     | Konstant1    |                                                                 |
| constant2     | konstant2     | Konstant2    |                                                                 |
| constant3     | konstant3     | Konstant3    |                                                                 |
| constant4     | konstant4     | Konstant4    |                                                                 |

| XML väli | SQL väli | UI väli | Selgitus                                                                    |
|----------|----------|---------|-----------------------------------------------------------------------------|
| shelf    | riiul    | Riiul   |                                                                             |
| rn       | rn       | Nr      | row order number in document 1 - N , ALT.FROM: random                       |
| rr       | rv       | Rv      | row reference for grouping, otherwise equals to rn , ALT.FROM: equals to rn |

**Arvete transpordi parameetrid**

| TÜÜP | KOOD                     | PARAMEETER 1 | PARAMEETER 2 | SELGITUS                                                                                                                    |
|------|--------------------------|--------------|--------------|-----------------------------------------------------------------------------------------------------------------------------|
| XML  | xd_changestock           | 0            | INVOICE      | Ladumuutev arve (Param.1 =1 on muuda ladu)                                                                                  |
| XML  | xd_autocustomer_autocode | 0            | INVOICE      | Seotud kliendi loomisel luuakse kood liideses, unikaalne email on vajalik ja kliendi koodi süsteemiseadistused on vajalikud |
| XML  | xd_update                | 1            | INVOICE      | Luba dokumendi update, kui puuduvad seotud dokumendid                                                                       |
| XML  | xd_customer_update       | 0            | INVOICE      | Kliendi andmete osaline update, (nimi, email, telefon) või vastavalt spekile                                                |
| XML  | xd_object                | TEST_OBJEKT  | INVOICE      | Vaikimisi objekt, kui ei saadeta                                                                                            |
| XML  | xd_salesman              | XML          | INVOICE      | Vaikimisi müüja                                                                                                             |
| XML  | xd_stock                 | PL           | INVOICE      | Vaikimisi ladu, kui ei saadeta                                                                                              |
| XML  | xd_confirm               | 0            | INVOICE      | Automaatne dokumendi kinnitamine, seda saab ka juhtida XML väljaga „confirm“                                                |
| XML  | xd_posinvoice            | 0            | INVOICE      | 1 = kassarve                                                                                                                |
| XML  | xd_autocustomer          | 0            | INVOICE      | Automaatne seotud kliendi loomine, kui kliendi koodi ei eksisteeri                                                          |

Arve vaikimisi väärtuste seadistamiseks loe täpsemalt [siit](#)

**Tellimused**

what=order [Skeem](#)

**Päis:**

| XML väli   | SQL väli | UI väli | Selgitus                                                  |
|------------|----------|---------|-----------------------------------------------------------|
| session_id | x        |         | for internal use at Directo side, do not send this field! |

| XML väli            | SQL väli         | UI väli                               | Selgitus                                                                                                                                          |
|---------------------|------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| number              | number           | Tellimus                              | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| customercode        | klient_kood      | Klient                                | mandatory by default!                                                                                                                             |
| customername        | klient_nimi      |                                       | ALT.FROM: customer                                                                                                                                |
| date                | aeg              | Kuupäev                               | ALT.FROM: current time                                                                                                                            |
| address1            | aadress1         | aadress, ! vastavalt seadetele        | ALT.FROM: customer                                                                                                                                |
| address2            | aadress2         | aadress, ! vastavalt seadetele        | ALT.FROM: customer                                                                                                                                |
| address3            | aadress3         | aadress, ! vastavalt seadetele        | ALT.FROM: customer                                                                                                                                |
| deliveryaddress1    | lahetusaadress1  | lahetusaadress, ! vastavalt seadetele |                                                                                                                                                   |
| deliveryaddress2    | lahetusaadress2  | lahetusaadress, ! vastavalt seadetele |                                                                                                                                                   |
| deliveryaddress3    | lahetusaadress3  | lahetusaadress, ! vastavalt seadetele |                                                                                                                                                   |
| paymentterm         | tingimus         | T-ting                                | ALT.FROM: customer , kui on kasutusel laekumiste loomine, läheb see kood ka laekumise makseviisiks                                                |
| deliverymethod      | lahetusviis      | Lahetusviis                           | ALT.FROM: customer                                                                                                                                |
| customerordernumber | kliendi_tellimus | Kliendi tell. nr.                     |                                                                                                                                                   |
| email               | email            | meil                                  | ALT.FROM: customer                                                                                                                                |
| phone               | telefon          | Telefon                               | ALT.FROM: customer                                                                                                                                |
| comment             | kommentaar       | Kommentaar                            |                                                                                                                                                   |
| stock               | ladu             | Ladu                                  | ALT.FROM: tr.params                                                                                                                               |
| object              | objekt           | Objekt                                | ALT.FROM: tr.params                                                                                                                               |
| contact             | esindaja         | Nende esindaja                        | ALT.FROM: customer                                                                                                                                |
| datafield1          | lisa_field1      | Lisaväli 1, ! või vastavalt seadetele |                                                                                                                                                   |
| datafield2          | lisa_field2      | Lisaväli 2, ! või vastavalt seadetele |                                                                                                                                                   |
| datafield3          | lisa_field3      | Lisaväli 3, ! või vastavalt seadetele |                                                                                                                                                   |
| datafield4          | lisa_field4      | Lisaväli 4, ! või vastavalt seadetele |                                                                                                                                                   |
| datafield5          | lisa_field5      | Lisaväli 5, ! või vastavalt seadetele |                                                                                                                                                   |
| datafield6          | lisa_field6      | Lisaväli 6, ! või vastavalt seadetele |                                                                                                                                                   |
| datafield7          | lisa_field7      | Lisaväli 7, ! või vastavalt seadetele |                                                                                                                                                   |

| XML väli             | SQL väli              | UI väli                      | Selgitus                                                                                                                                                                                                                                                  |
|----------------------|-----------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| paymenttotal         | laekumine_summa       |                              |  Positive number will create receipt with same doc. number. If receipt with this number already exists, receipt will not be created and no notification will be issued |
| vatzone              | maa                   | Maa                          | local = 0, EU = 1, export = 2<br>, ALT.FROM: customer > 0                                                                                                                                                                                                 |
| priceformula         | hinnakiri             | Hinnavalem                   |                                                                                                                                                                                                                                                           |
| currency             | valuuta               | Valuuta                      | ALT.FROM: glob.settings > 'EUR'                                                                                                                                                                                                                           |
| currencyrates        | kurssbv1              | Kurss                        | ALT.FROM: ECB current published rates                                                                                                                                                                                                                     |
| vatregno             | kmregnumber           | KM Reg. nr                   | ALT.FROM: customer                                                                                                                                                                                                                                        |
| country              | asumaa                | Sihtriik                     | ALT.FROM: customer                                                                                                                                                                                                                                        |
| status               | staatus               | Staatus                      |                                                                                                                                                                                                                                                           |
| delivery             | lahetusaeg            | Lähetusaeg                   |                                                                                                                                                                                                                                                           |
| customer_type        | klient_tyyp           | Kliendikaardil: Tüüp         | company = 0, private citizen = 1, government institution = 2                                                                                                                                                                                              |
| customer_regno       | klient_regnr          | Kliendikaardil: Reg nr       |                                                                                                                                                                                                                                                           |
| customer_loyaltycard | klient_kliendikaart   | Kliendikaardil: Kliendikaart |                                                                                                                                                                                                                                                           |
| salesman             | myyja                 | Müügiagent                   | ALT.FROM: tr.params > 'XML'                                                                                                                                                                                                                               |
| project              | projekt               | Projekt                      |                                                                                                                                                                                                                                                           |
| deliveryname         | klient_nimi_lahetusel | Nimi lähetusel               |                                                                                                                                                                                                                                                           |
| factoring            | arvetasub             | Arve tasub                   | ALT.FROM: customer                                                                                                                                                                                                                                        |
| deliveryterm         | lahetustingimus       | Läh. ting.                   |                                                                                                                                                                                                                                                           |
| language             | keel                  | Keel                         | ALT.FROM: customer                                                                                                                                                                                                                                        |

**Read:**

| XML väli     | SQL väli     | UI väli    | Selgitus                                                        |
|--------------|--------------|------------|-----------------------------------------------------------------|
| item         | artikkel     | Artikkel   |                                                                 |
| description  | nimetus      | Sisu       | ALT.FROM: item                                                  |
| price        | yhikuhind    | Ühikuhind  | unit price without vat                                          |
| quantity     | kogus        | Kogus      |                                                                 |
| discount     | pross        | %          |                                                                 |
| account      | konto        | Konto      | ALT.FROM: item > item class (depending on vatregion)            |
| vatcode      | kmkood       | KMk        | ALT.FROM: customer > item > item class (depending on vatregion) |
| unit         | yhik         | Ühik       | ALT.FROM: item                                                  |
| comment      | r_kommentaar | Kommentaar |                                                                 |
| variant      | variant      | Variant    |                                                                 |
| deliverytime | lahetusaeg   | Lähetusaeg |                                                                 |
| stock        | r_ladu       | Ladu       |                                                                 |

| XML väli | SQL väli | UI väli | Selgitus                                                                    |
|----------|----------|---------|-----------------------------------------------------------------------------|
| project  | projekt  | Projekt | ALT.FROM: item > item class                                                 |
| ext_sum  | ext_sum  |         |                                                                             |
| ext_id   | ext_id   |         |                                                                             |
| rn       | rn       | Nr      | row order number in document 1 - N , ALT.FROM: random                       |
| rr       | rv       | Rv      | row reference for grouping, otherwise equals to rn , ALT.FROM: equals to rn |

#### Tellimuse transpordi parameetrid

| TÜÜP | KOOD                     | PARAMEETER 1 | PARAMEETER 2 | SELGITUS                                                                                                                    |
|------|--------------------------|--------------|--------------|-----------------------------------------------------------------------------------------------------------------------------|
| XML  | xd_stock                 | PL           | ORDER        | Vaikimisi ladu, kui ei saadeta                                                                                              |
| XML  | xd_object                | VEEB         | ORDER        | Vaikimisi objekt, kui ei saadeta                                                                                            |
| XML  | xd_autocustomer          | 1            | ORDER        | Automaatne seotud kliendi loomine, kui kliendi koodi ei eksisteeri                                                          |
| XML  | xd_confirm               | 0            | ORDER        | Automaatne dokumendi kinnitamine, seda saab ka juhtida XML väljaga „confirm“                                                |
| XML  | xd_update                | 1            | ORDER        | Luba dokumendi update, kui puuduvad seotud dokumendid                                                                       |
| XML  | xd_autocustomer_autocode | 0            | ORDER        | Seotud kliendi loomisel luuakse kood liideses, unikaalne email on vajalik ja kliendi koodi süsteemiseadistused on vajalikud |
| XML  | xd_customer_update       | 0            | ORDER        | Kliendi andmete osaline update, (nimi, email, telefon) või vastavalt spekile                                                |
| XML  | xd_salesman              | XML          | ORDER        | Vaikimisi müüja                                                                                                             |
| XML  | xd_confirmpayment        | 1            | ORDER        | Automaatne laekumise kinnitamine                                                                                            |
| XML  | xd_paymentvatcode        | 11           | ORDER        | Loodava seotud laekumise rea km kood, laekumine tekib välja „paymentamount“ saatmisel, mis peab skeemis olemas olema        |
| XML  | xd_order_assemble        | 1            | ORDER        | Käivitab tellimuse komplekteerija retseptidega artiklitele                                                                  |
| XML  | xd_updateconfirmed       | 1            | ORDER        | Lubab kinnitatud tellimuse muutmist                                                                                         |

Tellimuse vaikimisi väärtuste seadistamiseks loe täpsemalt [siit](#)

#### Laekumised

what=receipt [Skeem](#)

**Päis:**

| XML väli    | SQL väli    | UI väli    | Selgitus                                                                                                                                          |
|-------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id  | x           |            | for internal use at Directo side, do not send this field!                                                                                         |
| number      | number      | Laekumine  | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| date        | aeg         | Aeg        | ALT.FROM: current time                                                                                                                            |
| description | seletus     | Kommentaar |                                                                                                                                                   |
| paymentmode | tasumisviis | Tas. viis  |                                                                                                                                                   |
| user        | kasutaja    | Kasutaja   |                                                                                                                                                   |
| reference   | viide       | Viide      |                                                                                                                                                   |
| object      | objekt      | Objekt     | ALT.FROM: tr.params                                                                                                                               |
| project     | projekt     | Projekt    | ALT.FROM: tr.params                                                                                                                               |
| location    | arvuti      | Koht       |                                                                                                                                                   |
| confirm     | kinnita     |            | confirm document = 1                                                                                                                              |

**read:**

| XML väli           | SQL väli       | UI väli       | Selgitus                                              |
|--------------------|----------------|---------------|-------------------------------------------------------|
| invoice            | arvenumber     | Arve nr       |                                                       |
| aeg                | raeg           | Aeg           | ALT.FROM: receipt header                              |
| customer           | klient_kood    | Klient        | ALT.FROM: invoice > order > customer by regno field   |
| order              | ettemaks       | Tellimuse nr  |                                                       |
| customername       | klient_nimi    | Tekst         | ALT.FROM: invoice > order > customer by regno field   |
| payment            | tasuti         | Tasuti        | ALT.FROM: in case of base currency = received field   |
| bankcurrency       | valuuta_p      | Val saadud    | ALT.FROM: glob.settings > 'EUR'                       |
| received           | summa_p        | Summa S       |                                                       |
| currencyrate       | kurss_p        | Kurss S       | ALT.FROM: ECB current published rates                 |
| paymentfee         | teenustasu     | T-Tasu        |                                                       |
| vatcode            | kmk            | KMk           | ALT.FROM: tr.params                                   |
| paymentfeecurrency | valuuta_teenus | T-Tasu val.   |                                                       |
| description        | selgitus       | Selgitus      |                                                       |
| regno              | reg            | Reg number/IK | ALT.FROM: customer                                    |
| bankaccount        | arveldusarve   | Arveldusarve  |                                                       |
| objects            | objektid       | Objekt        | ALT.FROM: invoice > order                             |
| account            | r_konto        | Konto         |                                                       |
| fine               | viivis         | Viivis        |                                                       |
| rn                 | rn             | Nr            | row order number in document 1 - N , ALT.FROM: random |

**Kanded**

what=transaction [Skeem](#)

**Päis:**

| XML väli   | SQL väli | UI väli | Selgitus                                                                                                                                                                           |
|------------|----------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id | x        |         | for internal use at Directo side, do not send this field!                                                                                                                          |
| number     | number   | Number  | document number/ID, mandatory; With combination of field „type“ it must be unique for each document and remain same if more than one transaction of the same document is necessary |
| date       | aeg2     | Aeg     |                                                                                                                                                                                    |
| reference  | viide    | Viide   |                                                                                                                                                                                    |
| comment    | seletus  | Seletus |                                                                                                                                                                                    |
| type       | tyyp     | Tüüp    | ALT.: FIN                                                                                                                                                                          |

**read:**

| XML väli       | SQL väli       | UI väli      | Selgitus                                              |
|----------------|----------------|--------------|-------------------------------------------------------|
| account        | konto          | Konto        |                                                       |
| object         | objekt         | Objektid     |                                                       |
| description    | sisu           | Sisu         | ALT.FROM: account                                     |
| vatcode        | kmkood         | KM kood      |                                                       |
| quantity       | kogus          | Kogus        |                                                       |
| debitamount    | baas1deebet    | Deebet       |                                                       |
| creditamount   | baas1kreedit   | Kreedit      |                                                       |
| currencydebit  | valuutadeebet  | Val. deebet  |                                                       |
| currencycredit | valuutakreedit | Val. kreedit |                                                       |
| currencyrate   | b1kursile      | Kurss        | ALT.FROM: ECB current published rates                 |
| currency       | valuuta        | Valuuta      | ALT.FROM: glob.settings > 'EUR'                       |
| date           | r_aeg          | Aeg          |                                                       |
| supplier       | hankija        | Hankija      |                                                       |
| customer       | klient         | Klient       |                                                       |
| project        | projekt        | Projekt      |                                                       |
| rn             | rn             | Nr           | row order number in document 1 - N , ALT.FROM: random |

**Kliendid**

- Postitamisel ja muutmisel on alati nõutud code ja email!

what=customer [Skeem](#)

**Kliendid**

| XML väli   | SQL väli | UI väli | Selgitus                                                  |
|------------|----------|---------|-----------------------------------------------------------|
| session_id | x        |         | for internal use at Directo side, do not send this field! |

| XML väli         | SQL väli         | UI väli                        | Selgitus                                                                                                                                          |
|------------------|------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| code             | kood             | Kood                           | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| name             | nimi             | Nimi                           |                                                                                                                                                   |
| object           | objekt           | Objekt                         |                                                                                                                                                   |
| address1         | aadress1         | aadress, ! vastavalt seadetele |                                                                                                                                                   |
| address2         | aadress2         | aadress, ! vastavalt seadetele |                                                                                                                                                   |
| address3         | aadress3         | aadress, ! vastavalt seadetele |                                                                                                                                                   |
| deliveryaddress1 | lahaadress1      | aadress, ! vastavalt seadetele |                                                                                                                                                   |
| deliveryaddress2 | lahaadress2      | aadress, ! vastavalt seadetele |                                                                                                                                                   |
| deliveryaddress3 | lahaadress3      | aadress, ! vastavalt seadetele |                                                                                                                                                   |
| county           | maakond          | Maakond                        |                                                                                                                                                   |
| country          | asumaa           | Asumaa                         |                                                                                                                                                   |
| contact          | kontakt          | Esindaja                       |                                                                                                                                                   |
| phone            | telefon          | Telefon                        |                                                                                                                                                   |
| email            | email            | Meil                           | mandatory                                                                                                                                         |
| regno            | regnr            | Reg nr                         |                                                                                                                                                   |
| vatregno         | kmregnr          | Km reg nr                      |                                                                                                                                                   |
| notice           | margukiri        | Märgukirjad                    | yes = 1                                                                                                                                           |
| birthday         | klient_synnipaev | Sünnipäev                      |                                                                                                                                                   |
| gender           | klient_sugu      | Sugu                           | female = 1, male = 0                                                                                                                              |
| class            | klass            | Klass                          |                                                                                                                                                   |
| type             | klient_tyyp      | Tüüp                           | company = 0, private citizen = 1, government institution = 2                                                                                      |
| loyaltycard      | kliendikaart     | Kliendikaart                   | also used for personal ID code                                                                                                                    |
| deliveryname     | nimi_lahetusel   | Nimi lähetusel                 |                                                                                                                                                   |
| deliverymode     | lahetusviis      | Läh. viis                      |                                                                                                                                                   |
| alert            | hoiatus          | Hoiatus                        |                                                                                                                                                   |
| factoring        | arvetasub        | Arve tasub                     |                                                                                                                                                   |
| fax              | faks             | Faks                           |                                                                                                                                                   |
| comment          | kommentaar       | Kommentaar                     |                                                                                                                                                   |
| payterm          | tingimus         | Tas. ting.                     |                                                                                                                                                   |
| vatzone          | maa              | KM maa                         | local = 0, EU = 1, export = 2                                                                                                                     |
| language         | keel             | Keel                           |                                                                                                                                                   |
| salesman         | myyja            | Müüja                          |                                                                                                                                                   |
| bank             | pank             | Pank                           |                                                                                                                                                   |
| bankaccount      | arveldusarve     | A/a                            |                                                                                                                                                   |
| url              | URL              | Url                            |                                                                                                                                                   |
| status           | staatus          | Staatus                        |                                                                                                                                                   |
| accountmanager   | kliendihaldur    | Haldur                         |                                                                                                                                                   |

| XML väli            | SQL väli       | UI väli       | Selgitus                            |
|---------------------|----------------|---------------|-------------------------------------|
| dealttype           | tehinguliik    | Tehinguliik   |                                     |
| creditlimit         | limiit         | Limiit        |                                     |
| priceformula        | hinnakiri      | Hinnavalem    |                                     |
| specialpriceformula | hinnavalem_eri | Eripakkumised |                                     |
| discount            | ale            | Soodus %      |                                     |
| destination         | sihtriik       | Sihtriik      |                                     |
| firstname           | eesnimi        |               |                                     |
| lastname            | perenimi       |               |                                     |
| vatcode             | kmkood         | KM kood       |                                     |
| extcode             | valine_kood    | Väline kood   |                                     |
| deliveryinvoice     | lah_arve       | Lähetus       | Lähetus ja Arve = 1,<br>Lähetus = 0 |
| currency            | valuuta        | Valuuta       |                                     |
| closed              | suletud        |               |                                     |

**Lisaväljad:**

| XML väli | SQL väli | UI väli    | Selgitus |
|----------|----------|------------|----------|
| code     | kood     |            |          |
| content  | sisu     | Sisu       |          |
| param    | param    | Parameeter |          |

**Kliendi transpordi parameetrid**

| TÜÜP | KOOD | PARAMEETER 1 | PARAMEETER 2 | SELGITUS |
|------|------|--------------|--------------|----------|
|------|------|--------------|--------------|----------|

**Hankijad**

- Postitamisel ja muutmisel on alati nõutud code!

what=supplier [Skeem](#)

**hankijad:**

| XML väli   | SQL väli | UI väli | Selgitus                                                                                                                                          |
|------------|----------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id | x        |         | for internal use at Directo side, do not send this field!                                                                                         |
| code       | kood     | Kood    | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| name       | nimi     | Nimi    |                                                                                                                                                   |
| contact    | kontakt  |         |                                                                                                                                                   |
| address1   | aadress1 |         |                                                                                                                                                   |
| address2   | aadress2 |         |                                                                                                                                                   |
| address3   | aadress3 |         |                                                                                                                                                   |
| phone      | telefon  |         |                                                                                                                                                   |

| XML väli           | SQL väli          | UI väli | Selgitus |
|--------------------|-------------------|---------|----------|
| fax                | faks              |         |          |
| comment            | kommentaar        |         |          |
| payment            | tasumine          |         |          |
| vatregion          | tasu              |         |          |
| bankaccount        | pangakonto        |         |          |
| debtaccount        | vkonto            |         |          |
| expenseaccount     | kulukonto         |         |          |
| factoring          | arvetasub         |         |          |
| currency           | valuuta           |         |          |
| country            | maa               |         |          |
| object             | objekt            |         |          |
| language           | keel              |         |          |
| class              | klass             |         |          |
| deliveryterm       | lahting           |         |          |
| deliverymode       | lahviis           |         |          |
| vatregno           | kmregnr           |         |          |
| alert              | hoiatus           |         |          |
| vatcode            | kmkood            |         |          |
| regno              | regnr1            |         |          |
| ppaccount          | ekonto            |         |          |
| bycustomer         | klient            |         |          |
| lskonto            | lskonto           |         |          |
| email              | email             |         |          |
| reference          | viide             |         |          |
| closed             | suletud           |         |          |
| dealttype          | tehinguliik       |         |          |
| origin             | saatjariik        |         |          |
| normtime           | norm_aeg          |         |          |
| trancost           | transakulu        |         |          |
| skype              | skype             |         |          |
| discount           | ale               |         |          |
| proceeders         | menetlejad        |         |          |
| prefilled          | eeltaida          |         |          |
| stock              | ladu              |         |          |
| proceedertempalte  | menetlejad_mall   |         |          |
| referencemandatory | viide_kohustuslik |         |          |
| type               | hank_tyyp         |         |          |
| purchasinggroup    | ostugrupp         |         |          |
| county             | maakond           |         |          |

**hankijad lisaväljad:**

| XML väli | SQL väli | UI väli | Selgitus |
|----------|----------|---------|----------|
| code     | kood     |         |          |
| content  | sisu     | Sisu    |          |

| XML väli | SQL väli | UI väli    | Selgitus |
|----------|----------|------------|----------|
| param    | param    | Parameeter |          |

## Kontaktid

- Postitamisel ja muutmisel on alati nõutud code!

what=supplier [Skeem](#)

### kontaktid:

| XML väli             | SQL väli       | UI väli | Selgitus |
|----------------------|----------------|---------|----------|
| session_id           | x              |         |          |
| code                 | kood           |         |          |
| customercode         | kl_kood        |         |          |
| customername         | kl_nimi        |         |          |
| suppliercode         | h_kood         |         |          |
| suppliername         | h_nimi         |         |          |
| name                 | nimi           |         |          |
| address1             | aadress1       |         |          |
| address2             | aadress2       |         |          |
| address3             | aadress3       |         |          |
| phone                | telefon        |         |          |
| fax                  | faks           |         |          |
| email                | email          |         |          |
| comment              | kommentaar     |         |          |
| comment2             | komment2       |         |          |
| title                | tiitel         |         |          |
| department           | osakond        |         |          |
| occupation           | amet           |         |          |
| mobile               | mobiiil        |         |          |
| county               | maakond        |         |          |
| authorizationtime    | volitus_aeg    |         |          |
| authorizationlimit   | volitus_limiit |         |          |
| officephone          | telefon_too    |         |          |
| sex                  | sugu           |         |          |
| baseforauthorization | volitus_alus   |         |          |
| object               | objekt         |         |          |
| skype                | skype          |         |          |
| firstname            | eesnimi        |         |          |
| lastname             | perenimi       |         |          |
| birthday             | synnipaev      |         |          |
| pid                  | isikukood      |         |          |
| closed               | suletud        |         |          |

**kontaktid lisaväljad:**

| XML väli | SQL väli | UI väli    | Selgitus |
|----------|----------|------------|----------|
| code     | kood     |            |          |
| content  | sisu     | Sisu       |          |
| param    | param    | Parameeter |          |

**Artiklid**

- Artikli kaardi täitmisel liides täidab valjad vastavalt reeglitele [Kohustuslikud väljad](#)

what=item [Skeem](#)

**Artiklid**

| XML väli      | SQL väli           | UI väli          | Selgitus                                                                                                                                          |
|---------------|--------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id    | x                  |                  | for internal use at Directo side, do not send this field!                                                                                         |
| code          | kood               | Kood             | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| name          | nimi               | Nimi             |                                                                                                                                                   |
| class         | klass              | Klass            |                                                                                                                                                   |
| barcode       | ribakood           | Ribakood         |                                                                                                                                                   |
| areacode      | piirkonnakood      | Päritolu         |                                                                                                                                                   |
| unit          | yhik               | Ühik             |                                                                                                                                                   |
| salesprice    | baashind           | Müügihind        | without VAT                                                                                                                                       |
| accountlocal  | konto_myyk         | Müük Siseriiklik |                                                                                                                                                   |
| accounteu     | konto_myyk_EU      | Müük EU          |                                                                                                                                                   |
| accountexport | konto_myyk_eksport | Müük Eksp        |                                                                                                                                                   |
| vatcode       | KMkood             | KM Siseriiklik   |                                                                                                                                                   |
| vatcodeeu     | KMkood_EU          | KM EU            |                                                                                                                                                   |
| vatcodeexport | KMkood_eksport     | KM mitte EU      |                                                                                                                                                   |
| type          | tyyp               | Tüüp             | ALT.FROM: tr.params, cannot be updated. 0=service; 1=stock item; 2=rental item                                                                    |
| minlevel      | minimaaltase       | Min tase         |                                                                                                                                                   |
| shelf         | riiulikood         | Riiul            |                                                                                                                                                   |
| weight        | kaal               | Kaal             |                                                                                                                                                   |
| volume        | maht               | Maht             |                                                                                                                                                   |
| warranty      | garantii           | Garantii         |                                                                                                                                                   |
| package1      | yhikumuut1         | Pakis 1          |                                                                                                                                                   |
| package2      | yhikumuut2         | Pakis 2          |                                                                                                                                                   |

| XML väli         | SQL väli            | UI väli                                  | Selgitus                                                                                     |
|------------------|---------------------|------------------------------------------|----------------------------------------------------------------------------------------------|
| sntracking       | SN_jalgimine        | Seeria nr                                | cannot be updated.<br>0=without sn tracking;<br>1=serial no tracking;<br>2=batch no tracking |
| cost             | ostuhind            | Ostuhind                                 |                                                                                              |
| object           | objekt              | Objekt                                   |                                                                                              |
| recipe           | retsept             | Retsept                                  |                                                                                              |
| recipetorows     | retsept_ridadeks    | Retsept ei asetu                         |                                                                                              |
| alert            | hoiatus             | Hoiatus                                  |                                                                                              |
| closed           | suletud             | Suletud                                  | closed = 1, open = 0                                                                         |
| description      | pikktekst           | Kirjeldus                                |                                                                                              |
| vatprice1        | hind_okonline       | Lisahind 1 (customizable)                | with local VAT                                                                               |
| vatprice2        | hind_delfi          | Lisahind 2 (customizable)                | with local VAT                                                                               |
| vatprice3        | soodus_hind1        | Soodushind 1 (customizable)              | with local VAT                                                                               |
| vatprice4        | soodus_hind2        | Soodushind 2 -customizable)              | with local VAT                                                                               |
| vatprice         | hind_tavaline       | Tavahind                                 | ALT.FROM: salesprice + local vat                                                             |
| priority         | prioriteet          | Prioriteet                               |                                                                                              |
| url              | url                 | URL                                      |                                                                                              |
| supplier         | hankija_kood        | Hankija                                  |                                                                                              |
| supplieritem     | hankija_artikkel    | Hank. artikkel                           |                                                                                              |
| maxlevel         | maksimaaltase       | Max tase                                 |                                                                                              |
| abc              | abc                 | ABC klass                                |                                                                                              |
| cn8code          | cn8_kood            | CN8 kood                                 |                                                                                              |
| cnkogus          | cnkogus             | CN kogus                                 |                                                                                              |
| vatcodeeu2       | KMKood_EU2          | KM EU 2                                  |                                                                                              |
| vatcodeeu3       | KMKood_EU3          | KM EU 3                                  |                                                                                              |
| vatcodeconcern   | KMKood_kontsern     | KM kontsern                              |                                                                                              |
| accounteu2       | konto_myyk_EU2      | Müük EU 2                                |                                                                                              |
| accounteu3       | konto_myyk_EU3      | Müük EU 3                                |                                                                                              |
| accountconcern   | konto_myyk_kontsern | Müük kontsern                            |                                                                                              |
| snclass          | sn_klass            | SN klass                                 |                                                                                              |
| normarrivalttime | norm_aeg            | Norm saabumisaeg                         |                                                                                              |
| replacement      | asendus             | Asendus                                  |                                                                                              |
| snrule           | sn_reegel           | SN reegel                                |                                                                                              |
| project          | projekt             | Projekt                                  |                                                                                              |
| variants         | variandid           | Variant                                  | cannot be updated.<br>0=no; 1=yes                                                            |
| autosn           | auto_sn             | Auto SN                                  |                                                                                              |
| specialprice1    | kaibeta_hind1       | Artikli käibeta lisahind1 (customizable) |                                                                                              |
| specialprice2    | kaibeta_hind2       | Artikli käibeta lisahind2 (customizable) |                                                                                              |
| specialprice3    | kaibeta_hind3       | Artikli käibeta lisahind3 (customizable) |                                                                                              |
| specialprice4    | kaibeta_hind4       | Artikli käibeta lisahind4 (customizable) |                                                                                              |

| XML väli      | SQL väli      | UI väli                                  | Selgitus |
|---------------|---------------|------------------------------------------|----------|
| specialprice5 | kaibeta_hind5 | Artikli käibeta lisahind5 (customizable) |          |
| specialprice6 | kaibeta_hind6 | Artikli käibeta lisahind6 (customizable) |          |
| specialprice7 | kaibeta_hind7 | Artikli käibeta lisahind7 (customizable) |          |
| specialprice8 | kaibeta_hind8 | Artikli käibeta lisahind8 (customizable) |          |
| height        | korgus        | Kõrgus                                   |          |
| width         | laius         | Laius                                    |          |
| depth         | sygavus       | Sügavus                                  |          |
| grossweight   | kaal_bruto    | Bruto kaal                               |          |
| giftcert      | kinkekaart    | Kinkekaart                               |          |
| manufacturer  | tootja        | Tootja                                   |          |

**Artiklid lisaväljad:**

| XML väli | SQL väli | UI väli    | Selgitus |
|----------|----------|------------|----------|
| code     | kood     |            |          |
| content  | sisu     | Sisu       |          |
| param    | param    | Parameeter |          |

**Artiklid pakendid:**

| XML väli      | SQL väli      | UI väli      | Selgitus |
|---------------|---------------|--------------|----------|
| class         | pakendi_klass | Klass        |          |
| type          | pakendi_tyyp  | Tüüp         |          |
| height        | korgus        | Kõrgus       |          |
| width         | laius         | Laius        |          |
| length        | pikkus        | Pikkus       |          |
| volume        | maht          | Maht         |          |
| qty           | kogus         | Pak.kogus    |          |
| packageweight | pakendi_kaal  | Pakendi kaal |          |
| productweight | toote_kaal    | Toote kaal   |          |
| totalweight   | kaal_kokku    | KOKKU kaal   |          |
| totalvolume   | maht_kokku    | KOKKU maht   |          |
| barcode       | ribakood      | Ribakood     |          |
| comment       | kommentaar    | Kommentaar   |          |
| shelf         | riiul         | Riiul        |          |

**Artiklid - hankija artiklid:**

| XML väli     | SQL väli         | UI väli        | Selgitus |
|--------------|------------------|----------------|----------|
| supplier     | hankija          | Hankija        |          |
| supplieritem | hankija_artikkel | Hank. artikkel |          |
| name         | nimi             | Nimi           |          |
| price        | hind             | Ostuhind       |          |

| XML väli        | SQL väli  | UI väli                   | Selgitus                                                                   |
|-----------------|-----------|---------------------------|----------------------------------------------------------------------------|
| normarrivaltime | norm_aeg  | Norm saabumisaeg          |                                                                            |
| object          | objekt    | Objekt                    |                                                                            |
| variant         | variant   | Variant                   |                                                                            |
| varianta        | varianta  | VariantA - (customizable) |                                                                            |
| variantb        | variantb  | VariantB - (customizable) |                                                                            |
| variantc        | variantc  | VariantC - (customizable) |                                                                            |
| variantd        | variantd  | VariantD - (customizable) |                                                                            |
| variante        | variante  | VariantE - (customizable) |                                                                            |
| variantf        | variantf  | VariantF - (customizable) |                                                                            |
| variantg        | variantg  | VariantG - (customizable) |                                                                            |
| varianth        | varianth  | VariantH - (customizable) |                                                                            |
| salesprice      | myygihind | Müügihind                 | without VAT                                                                |
| sales           | myyk      |                           | ALT.FROM: tr.params, cannot be updated , sales item = 1, supplier item = 0 |

**Artiklid - minmax:**

| XML väli | SQL väli  | UI väli | Selgitus |
|----------|-----------|---------|----------|
| stock    | ladu      | Ladu    |          |
| shelf    | riiul     | Riiul   |          |
| variant  | variant   | Variant |          |
| minlevel | min_kogus | MIN     |          |
| maxlevel | max_kogus | MAX     |          |

**Artikli transpordi parameetrid**

| TÜÜP | KOOD                | PARAMEETER 1 | PARAMEETER 2 | SELGITUS                                 |
|------|---------------------|--------------|--------------|------------------------------------------|
| XML  | xd_supplieritemtype | 0            | ITEM         | 0 = hankija artikkel; 1 = müügi artikkel |
| XML  | type                | 1            | ITEM         | 1 = laoartikkel                          |

**Retseptid**

what=recipe [Skeem](#)

**Päis**

| XML väli   | SQL väli | UI väli | Selgitus                                                  |
|------------|----------|---------|-----------------------------------------------------------|
| session_id | x        |         | for internal use at Directo side, do not send this field! |
| code       | kood     |         |                                                           |
| name       | nimetus  |         |                                                           |
| date       | aeg      |         |                                                           |

**Read**

| XML väli | SQL väli | UI väli | Selgitus |
|----------|----------|---------|----------|
| item     | artikkel |         |          |

| XML väli | SQL väli     | UI väli | Selgitus |
|----------|--------------|---------|----------|
| name     | nimetus      |         |          |
| qty      | kogus        |         |          |
| content  | sisu         |         |          |
| unit     | yhik         |         |          |
| option   | valik        |         |          |
| value    | value        |         |          |
| comment  | r_kommentaar |         |          |
| rn       | rn           |         |          |

## Lähetused

what=delivery [Skeem](#)

## Päis

| XML väli   | SQL väli    | UI väli | Selgitus |
|------------|-------------|---------|----------|
| session_id | x           |         |          |
| number     | number      |         |          |
| status     | staatus     |         |          |
| datafield1 | lisa_field1 |         |          |
| datafield2 | lisa_field2 |         |          |
| datafield3 | lisa_field3 |         |          |
| datafield4 | lisa_field4 |         |          |
| datafield5 | lisa_field5 |         |          |
| datafield6 | lisa_field6 |         |          |
| datafield7 | lisa_field7 |         |          |
| text1      | tekst1      |         |          |
| text2      | tekst2      |         |          |
| confirm    | kinnita     |         |          |

## read

| XML väli     | SQL väli     | UI väli | Selgitus |
|--------------|--------------|---------|----------|
| item         | artikkel     |         |          |
| serialnumber | seerianumber |         |          |
| variant      | variant      |         |          |
| qty          | kogus        |         |          |
| text1        | tekst1       |         |          |
| text2        | tekst2       |         |          |
| shelf        | riiul        |         |          |
| stock        | r_ladu       |         |          |
| rn           | reanr        |         |          |

## Inventuurid

what=taking [Skeem](#)

### Päis

| XML väli    | SQL väli  | UI väli | Selgitus |
|-------------|-----------|---------|----------|
| session_id  | x         |         |          |
| number      | number    |         |          |
| date        | aeg       |         |          |
| startdate   | aeg_algus |         |          |
| chain       | kett      |         |          |
| stock       | ladu      |         |          |
| project     | projekt   |         |          |
| shelf       | riiul     |         |          |
| object      | objekt    |         |          |
| account     | konto     |         |          |
| description | seletus   |         |          |

### read

| XML väli | SQL väli | UI väli | Selgitus |
|----------|----------|---------|----------|
| itemcode | artikkel |         |          |
| sn       | sn       |         |          |
| variant  | variant  |         |          |
| quantity | kogus    |         |          |
| delete   | kustuta  |         |          |
| rn       | rn       |         |          |

### Liikumised

what=movement [Skeem](#)

### Päis

| XML väli   | SQL väli    | UI väli    | Selgitus                                                                                                                                          |
|------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id | x           |            | for internal use at Directo side, do not send this field!                                                                                         |
| number     | number      | Number     | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| date       | aeg         | Aeg        |                                                                                                                                                   |
| datafield1 | lisa_field1 | Lisaväli 1 |                                                                                                                                                   |
| datafield2 | lisa_field2 | Lisaväli 2 |                                                                                                                                                   |
| datafield3 | lisa_field3 | Lisaväli 3 |                                                                                                                                                   |
| datafield4 | lisa_field4 | Lisaväli 4 |                                                                                                                                                   |
| datafield5 | lisa_field5 | Lisaväli 5 |                                                                                                                                                   |
| datafield6 | lisa_field6 | Lisaväli 6 |                                                                                                                                                   |

| XML väli        | SQL väli        | UI väli         | Selgitus               |
|-----------------|-----------------|-----------------|------------------------|
| datafield7      | lisa_field7     | Lisaväli 7      |                        |
| status          | staatus         | Staatus         |                        |
| fromstock       | laost           | Laost           |                        |
| tostock         | lattu           | Lattu           |                        |
| confirm         | kinnita         |                 | „1“ - confirm document |
| project         | projekt         | Projekt         |                        |
| toproject       | projekti        | Projekti        |                        |
| customer        | kl_kood         | Klient          |                        |
| contact         | kl_kontakt      | Kontaktisik     |                        |
| duedate         | kl_aeg          | Tähtaeg         |                        |
| deliveryterm    | lahetustingimus | Läh. ting.      |                        |
| deliverymethod  | lahetusviis     | Lähetusviis     |                        |
| order           | tellimus        | Tell. nr.       |                        |
| productionorder | tootmistellimus | Tootmistellimus |                        |
| comment         | tekst           | Tekst           |                        |
| type            | liik_tyyp       | Tüüp            |                        |
| user            | kasutaja        |                 |                        |
| parentmovement  | liikumine       |                 |                        |
| stockorder      | laotellimus     | Laotellimus     |                        |
| text1           | tekst1          |                 |                        |
| text2           | tekst2          |                 |                        |

**read**

| XML väli     | SQL väli     | UI väli    | Selgitus                           |
|--------------|--------------|------------|------------------------------------|
| item         | artikkel     | Artikkel   |                                    |
| qty          | kogus        | Soovitud   |                                    |
| receivedqty  | kogus_saadud | Saadud     |                                    |
| serialnumber | seerianumber | SN/Mudel   |                                    |
| variant      | variant      |            |                                    |
| fromshelf    | r_riulist    | Riulist    |                                    |
| toshelf      | r_riulisse   | Riulisse   |                                    |
| comment      | kommentaar   | Kommentaar |                                    |
| project      | r_projekt    | Projektist |                                    |
| toproject    | r_projekti   | Projekti   |                                    |
| rn           | rn           | Nr         | row order number in document 1 - N |

**Laotellimused**

what=stockorder [Skeem](#)

**päis**

| XML väli   | SQL väli | UI väli | Selgitus                                                  |
|------------|----------|---------|-----------------------------------------------------------|
| session_id | x        |         | for internal use at Directo side, do not send this field! |

| XML väli     | SQL väli     | UI väli      | Selgitus                                                                                                                                          |
|--------------|--------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| number       | number       | Ostutellimus | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| text         | tekst        |              |                                                                                                                                                   |
| user         | kasutaja     |              |                                                                                                                                                   |
| fromstock    | laost        |              |                                                                                                                                                   |
| tostock      | lattu        |              |                                                                                                                                                   |
| date         | aeg          |              |                                                                                                                                                   |
| project      | projekt      |              |                                                                                                                                                   |
| toproject    | projekti     |              |                                                                                                                                                   |
| fromobject   | objektist    |              |                                                                                                                                                   |
| toobject     | objekti      |              |                                                                                                                                                   |
| fromaccount  | kontolt      |              |                                                                                                                                                   |
| toaccount    | kontole      |              |                                                                                                                                                   |
| account      | konto        |              |                                                                                                                                                   |
| status       | staatus      |              |                                                                                                                                                   |
| lisa_field1  | lisa_field1  |              |                                                                                                                                                   |
| lisa_field2  | lisa_field2  |              |                                                                                                                                                   |
| lisa_field3  | lisa_field3  |              |                                                                                                                                                   |
| lisa_field4  | lisa_field4  |              |                                                                                                                                                   |
| lisa_field5  | lisa_field5  |              |                                                                                                                                                   |
| lisa_field6  | lisa_field6  |              |                                                                                                                                                   |
| lisa_field7  | lisa_field7  |              |                                                                                                                                                   |
| deliverymode | lahetusviis  |              |                                                                                                                                                   |
| type         | tyyp         |              |                                                                                                                                                   |
| order        | tellimus     |              |                                                                                                                                                   |
| reqduedate   | soov_tahtaeg |              |                                                                                                                                                   |

**read**

| XML väli  | SQL väli     | UI väli | Selgitus |
|-----------|--------------|---------|----------|
| item      | artikkel     |         |          |
| qty       | kogus        |         |          |
| name      | nimetus      |         |          |
| sn        | seerianumber |         |          |
| comment   | kommentaar   |         |          |
| variant   | variant      |         |          |
| fromstock | r_laost      |         |          |
| constant1 | konstant1    |         |          |
| constant2 | konstant2    |         |          |
| constant3 | konstant3    |         |          |
| constant4 | konstant4    |         |          |
| text1     | tekst1       |         |          |
| text2     | tekst2       |         |          |
| text3     | tekst3       |         |          |
| text4     | tekst4       |         |          |

| XML väli | SQL väli | UI väli | Selgitus |
|----------|----------|---------|----------|
| rn       | rn       |         |          |
| rr       | rv       |         |          |

## Ostutellimused

what=purchaseorder [Skeem](#)

## Päis

| XML väli       | SQL väli        | UI väli | Selgitus |
|----------------|-----------------|---------|----------|
| session_id     | x               |         |          |
| ext_unique_id  | ext_unique_id   |         |          |
| number         | number          |         |          |
| supplier       | hankija_kood    |         |          |
| payterm        | tingimus        |         |          |
| suppliername   | hankija_nimi    |         |          |
| country        | asumaa          |         |          |
| date           | aeg             |         |          |
| comment        | kommentaar      |         |          |
| intcomment     | sisekommentaar  |         |          |
| order          | tellimus        |         |          |
| receivedate    | lahetusaeg      |         |          |
| deliveryterm   | lahetustingimus |         |          |
| stock          | ladu            |         |          |
| vatregion      | maa             |         |          |
| language       | keel            |         |          |
| supplier_regno | hankija_regnr1  |         |          |
| supplier_class | hankija_klass   |         |          |
| user           | kasutaja        |         |          |
| type           | tyyp            |         |          |
| status         | staatus         |         |          |
| datafield1     | lisa_field1     |         |          |
| datafield2     | lisa_field2     |         |          |
| datafield3     | lisa_field3     |         |          |
| datafield4     | lisa_field4     |         |          |
| datafield5     | lisa_field5     |         |          |
| datafield6     | lisa_field6     |         |          |
| datafield7     | lisa_field7     |         |          |
| address1       | aadress1        |         |          |
| address2       | aadress2        |         |          |
| address3       | aadress3        |         |          |
| stockaddress1  | laduaadress1    |         |          |
| stockaddress2  | laduaadress2    |         |          |
| stockaddress3  | laduaadress3    |         |          |
| phone          | telefon         |         |          |

| XML väli    | SQL väli      | UI väli | Selgitus |
|-------------|---------------|---------|----------|
| tolerance   | viga          |         |          |
| delivermode | lahetusviis   |         |          |
| origin      | piirkonnakood |         |          |
| dealttype   | tehinguliik   |         |          |
| bankaccount | pangakonto    |         |          |
| reference   | viide         |         |          |
| confirm     | kinnita       |         |          |

**read**

| XML väli      | SQL väli         | UI väli | Selgitus |
|---------------|------------------|---------|----------|
| code          | kood             |         |          |
| unit          | yhik             |         |          |
| price         | yhikuhind        |         |          |
| qty           | kogus            |         |          |
| name          | nimi             |         |          |
| receivedate   | saabumisaeg      |         |          |
| comment       | r_kommentaar     |         |          |
| intcomment    | r_sisekommentaar |         |          |
| constant1     | konstant1        |         |          |
| constant2     | konstant2        |         |          |
| constant3     | konstant3        |         |          |
| constant4     | konstant4        |         |          |
| tekst1        | tekst1           |         |          |
| tekst2        | tekst2           |         |          |
| tekst3        | tekst3           |         |          |
| tekst4        | tekst4           |         |          |
| project       | r_projekt        |         |          |
| stock         | r_ladu           |         |          |
| purchaseprice | soetushind       |         |          |
| object        | r_objekt         |         |          |
| variant       | variant          |         |          |
| received1     | saadud1          |         |          |
| received2     | saadud2          |         |          |
| origin        | piirkonnakood    |         |          |
| rr            | rv               |         |          |
| rn            | rn               |         |          |

**Tellimuse transpordi parameetrid**

| TÜÜP | KOOD               | PARAMEETER 1 | PARAMEETER 2  | SELGITUS                                |
|------|--------------------|--------------|---------------|-----------------------------------------|
| XML  | xd_updateconfirmed | 1            | PURCHASEORDER | Lubab kinnitatud ostutellimuse muutmist |

**Sissetulekud**

what=stockreceipt [Skeem](#)

## Päis

| XML väli            | SQL väli            | UI väli | Selgitus |
|---------------------|---------------------|---------|----------|
| session_id          | x                   |         |          |
| number              | number              |         |          |
| date                | aeg                 |         |          |
| supplier            | hankija_kood        |         |          |
| suppliername        | hankija_nimi        |         |          |
| purchaseorder       | number_ostutellimus |         |          |
| stock               | ladu                |         |          |
| text                | tekst               |         |          |
| currency            | valuuta             |         |          |
| currencyrate        | kurssbv1            |         |          |
| creditaccount       | konto               |         |          |
| object              | objekt              |         |          |
| project             | projekt             |         |          |
| supplierinvoice     | hankija_arve        |         |          |
| country             | asumaa              |         |          |
| dealttype           | tehinguliik         |         |          |
| deliverymode        | lahetusviis         |         |          |
| deliveryterm        | lahetustingimus     |         |          |
| paymentterm         | tingimus            |         |          |
| status              | staatus             |         |          |
| type                | tyyp                |         |          |
| purchaseinvoicetime | aeg_oarve           |         |          |
| datafield1          | lisa_field1         |         |          |
| datafield2          | lisa_field2         |         |          |
| datafield3          | lisa_field3         |         |          |
| datafield4          | lisa_field4         |         |          |
| datafield5          | lisa_field5         |         |          |
| datafield6          | lisa_field6         |         |          |
| datafield7          | lisa_field7         |         |          |
| user                | kasutaja            |         |          |
| origin              | piirkonnakood       |         |          |
| intcomment          | sisekommentaar      |         |          |
| supplier_class      | hankija_klass       |         |          |
| supplier_vatcountry | hankija_maa_tasu    |         |          |
| supplier_regno      | hankija_regnr1      |         |          |
| supplier_vatregno   | hankija_kmregnr     |         |          |
| supplier_email      | hankija_email       |         |          |
| confirm             | kinnita             |         |          |

## read

| XML väli      | SQL väli         | UI väli | Selgitus |
|---------------|------------------|---------|----------|
| item          | artikkel         |         |          |
| qty           | kogus            |         |          |
| content       | sisu             |         |          |
| price         | yhikuhind        |         |          |
| purchaseprice | soetushind       |         |          |
| serialnumber  | seerianumber     |         |          |
| stock         | ladu             |         |          |
| bestbefore    | parimenne        |         |          |
| origin        | piirkonnakood    |         |          |
| project       | r_projekt        |         |          |
| object        | r_objekt         |         |          |
| variant       | variant          |         |          |
| comment       | r_kommentaar     |         |          |
| intcomment    | r_sisekommentaar |         |          |
| purchaseorder | ostutellimus     |         |          |
| shelf         | riiul            |         |          |
| orn           | trn              |         |          |
| rn            | rn               |         |          |

## Ostuarved

what=purchase [Skeem](#)

## Päis

| XML väli          | SQL väli      | UI väli               | Selgitus                                                                                                                                                                       |
|-------------------|---------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id        | x             |                       | for internal use at Directo side, do not send this field!                                                                                                                      |
| ext_unique_id     | ext_unique_id | ! vastavalt seadetele | if Directo number/code is not used, this is alternative ID; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| number            | number        | Number                | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary                              |
| date              | aeg           | Arve aeg              | ALT.FROM: current time                                                                                                                                                         |
| duedate           | tas_aeg       | Tas. aeg              |                                                                                                                                                                                |
| sum               | summa         | Tasuda                | sum with vat                                                                                                                                                                   |
| supplierinvoiceno | hankija_arve  | Hankija arve          |                                                                                                                                                                                |
| paymentterm       | tingimus      | Tas. ting.            | ALT.FROM: supplier                                                                                                                                                             |
| suppliercode      | hankija_kood  | Hankija               |                                                                                                                                                                                |
| suppliername      | hankija_nimi  |                       | ALT.FROM: supplier                                                                                                                                                             |

| XML väli            | SQL väli         | UI väli                | Selgitus                                               |
|---------------------|------------------|------------------------|--------------------------------------------------------|
| bankaccount         | pangakonto       |                        | ALT.FROM: supplier                                     |
| reference           | viide            | Viitenumber            | ALT.FROM: supplier                                     |
| transactiontime     | kande_aeg        | Op. aeg                |                                                        |
| creditaccount       | kred_konto       | Kred. konto            | ALT.FROM: supplier > glob.settings                     |
| factoring           | arve_tasub       | Arve tasub             |                                                        |
| currency            | valuuta          | Valuuta                | ALT.FROM: glob.settings > 'EUR'                        |
| currencyrate        | kurssbv1         | Kurss                  | ALT.FROM: ECB current published rates                  |
| vatzone             | maa              | KM Maa (peidetud väli) | local = 0, EU = 1, export = 2 , ALT.FROM: supplier > 0 |
| comment             | kommentaar       | Kommentaar             |                                                        |
| vat                 | arvestatudkm     | KM kokku               |                                                        |
| object              | objekt           | Objekt                 | ALT.FROM: supplier > tr.params                         |
| bankcode            | pangakood        | Pangakood              |                                                        |
| creditpurchase      | kredost          | Kred. ost              |                                                        |
| purchaseorder       | ostutellimus     | Ostutellimus           |                                                        |
| project             | projekt          | Projekt                |                                                        |
| email               | email            | meil                   | ALT.FROM: supplier                                     |
| stockreceipt        | sissetulek       | Sissetulek             |                                                        |
| country             | asumaa           | Saatjariik             | ALT.FROM: supplier                                     |
| prepayment          | ettemaks         | Ettemaks               |                                                        |
| status              | staatus          | Staatus                |                                                        |
| type                | tyyp             | Tüüp                   |                                                        |
| dividedsum          | jagatav_summa    | Jagatav summa          |                                                        |
| vatdate             | km_aeg           | KM aeg                 | ALT.FROM: date > current time                          |
| reclamation         | reklamatsioon    | Reklamatsioon          |                                                        |
| reclamationcomment  | rekl_selgitus    | Rekl. selgitus         |                                                        |
| asset               | inventar         | Inventar               |                                                        |
| datafield1          | lisa_field1      |                        |                                                        |
| datafield2          | lisa_field2      |                        |                                                        |
| datafield3          | lisa_field3      |                        |                                                        |
| datafield4          | lisa_field4      |                        |                                                        |
| datafield5          | lisa_field5      |                        |                                                        |
| datafield6          | lisa_field6      |                        |                                                        |
| datafield7          | lisa_field7      |                        |                                                        |
| intcomment          | sisekommentaar   | Sisekommentaar         |                                                        |
| supplier_class      | hankija_klass    | Klass                  |                                                        |
| supplier_vatcountry | hankija_maa_tasu | KM-maa                 | local = 0, EU = 1, export = 2 , ALT.FROM: customer > 0 |
| supplier_regno      | hankija_regnr1   | Reg nr 1               |                                                        |
| supplier_vatregno   | hankija_kmregnr  | Km reg nr              |                                                        |
| supplier_type       | hankija_tyyp     | Tüüp                   |                                                        |
| confirm             | kinnita          | Olek                   | „1“ - confirm document                                 |

**read:**

| XML väli       | SQL väli         | UI väli        | Selgitus                              |
|----------------|------------------|----------------|---------------------------------------|
| account        | konto            | Konto          |                                       |
| object         | objekt           | Objekt         | ALT.FROM: project                     |
| name           | sisu             | Sisu           | ALT.FROM: account                     |
| linetotalwovat | summa            | Summa          |                                       |
| vatcode        | kmkood           | KMK            | ALT.FROM: supplier > account > object |
| project        | projekt          | Projekt        |                                       |
| customer       | klient_kood      | Klient         |                                       |
| item           | artikkel         | Artikkel       |                                       |
| quantity       | kogus            | Kogus          |                                       |
| date1          | r_aeg1           | Algus          |                                       |
| date2          | r_aeg2           | Löpp           |                                       |
| contract       | leping           | Leping         |                                       |
| user           | kasutaja         | Kasutaja       |                                       |
| oid            | oid              | OID            |                                       |
| orderrn        | trn              |                |                                       |
| asset          | r_inventar       | Inventar       |                                       |
| price          | myygihind        | Müügihind      |                                       |
| constant1      | konstant1        |                |                                       |
| constant2      | konstant2        |                |                                       |
| constant3      | konstant3        |                |                                       |
| constant4      | konstant4        |                |                                       |
| text1          | tekst1           |                |                                       |
| text2          | tekst2           |                |                                       |
| text3          | tekst3           |                |                                       |
| text4          | tekst4           |                |                                       |
| intcomment     | r_sisekommentaar | Sisekommentaar |                                       |
| vatsum         | km               | KM             |                                       |
| rn             | rn               | Nr             |                                       |

**manused**

| XML väli      | SQL väli        | UI väli | Selgitus                                                                                                                                                                                                 |
|---------------|-----------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| element: data | attachment      |         | Use this field when the document attachment is stored internally in Directo. Embedded attachment that will be saved to Directo server, size is unlimited, but whole XML size limit is 19 Mb              |
| element: name | attachment_name |         | Use this field when the document attachment is stored internally in Directo. This field MUST be used exclusively and MUST NOT be combined with SharePoint, Google Drive or Public URL attachment fields. |
| attributes:   |                 |         |                                                                                                                                                                                                          |
| name          | attachment_name |         | 200; Use this field when the document attachment is stored in Microsoft SharePoint, Google Drive or document attachment is publicly accessible via a direct URL                                          |

| XML väli        | SQL väli             | UI väli | Selgitus                                                                                                                                                                                                                                                                                              |
|-----------------|----------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| description     | attachment_kirjeldus |         | Use this field when the document attachment is stored in Microsoft SharePoint, Google Drive or document attachment is publicly accessible via a direct URL                                                                                                                                            |
| code            | kood                 |         | Only for updating existing attachments, do not send this field for new attachments                                                                                                                                                                                                                    |
| sharepoint_link | cloud_preview_query  |         | external Sharepoint attachment link. Use this field when the document attachment is stored in Microsoft SharePoint. Do NOT use this field if the attachment is stored in Directo, Google Drive or published via a public URL.                                                                         |
| gdrive_link     | cloud_gdrive         |         | external Google Drive attachment link. Use this field when the document attachment is stored in Google Drive. This field is mutually exclusive with Directo, SharePoint and Public URL attachment references and MUST NOT be used together with them.                                                 |
| ext_link        | cloud_ext_link       |         | external attachment link, must be full external link starting with <b>http://</b><br>Use this field when the document attachment is publicly accessible via a direct URL without authentication. This field MUST NOT be used together with Directo, SharePoint or Google Drive attachment references. |

#### Ostuarve transpordi parameetrid

| TÜÜP | KOOD                     | PARAMEETER 1 | PARAMEETER 2 | SELGITUS                                                                                                                         |
|------|--------------------------|--------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|
| XML  | xd_autosupplier          | 1            | PURCHASE     | Automaatne seotud hankija loomine, kui hankija koodi ei eksisteeri, unikaalne regnr on eelduseks                                 |
| XML  | xd_autosupplier_autocode | 0            | PURCHASE     | Seotud hankija loomisel luuakse kood liideses, unikaalne reg.number on vajalik ja hankija koodi süsteemiseadistused on vajalikud |
| XML  | xd_update                | 0            | PURCHASE     | Luba dokumendi update, kui puuduvad seotud dokumendid                                                                            |
| XML  | xd_supplier_update       | 0            | PURCHASE     | Hankija andmete osaline update, (email, ... ) väljad on vaja spekis täpsustada                                                   |
| XML  | xd_object                | VEEB         | PURCHASE     | Vaikimisi objekt, kui ei saadeta                                                                                                 |
| XML  | xd_confirm               | 0            | PURCHASE     | Automaatne dokumendi kinnitamine, seda saab ka juhtida XML väljaga „confirm“                                                     |

#### Projektid

what=project [Skeem](#)

**Päis:**

| XML väli             | SQL väli           | UI väli         | Selgitus                                                                                                                                          |
|----------------------|--------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id           | x                  |                 | for internal use at Directo side, do not send this field!                                                                                         |
| code                 | kood               | Kood            | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| name                 | nimi               | Nimi            |                                                                                                                                                   |
| manager              | juht               | Juht            |                                                                                                                                                   |
| members              | liikmed            | Liikmed         |                                                                                                                                                   |
| start                | aeg1               | Algus           |                                                                                                                                                   |
| end                  | aeg2               | Lõpp            |                                                                                                                                                   |
| currency             | valuuta            | Valuuta         |                                                                                                                                                   |
| master               | master             | Peaprojekt      |                                                                                                                                                   |
| customer             | klient_kood        | Kliendi kood    | ALT.FROM: using „customerregno“                                                                                                                   |
| customerregno        | klient_regnr       | Kliendi reg.nr  |                                                                                                                                                   |
| customername         | klient_nimi        | Kliendi nimi    | ALT.FROM: customer                                                                                                                                |
| customercontact      | kl_kontakt         | Kl.kontakt      | ALT.FROM: customer                                                                                                                                |
| customercontactphone | kl_kontakt_telefon | Kliendi telefon | ALT.FROM: customer                                                                                                                                |
| customercontactemail | kl_kontakt_email   | Kliendi e-mail  | ALT.FROM: customer                                                                                                                                |
| supplier             | hankija_kood       | Hankija kood    | ALT.FROM: using „supplierregno“                                                                                                                   |
| supplierregno        | hankija_regnr      | Hankija reg.nr  |                                                                                                                                                   |
| suppliername         | hankija_nimi       | Hankija nimi    | ALT.FROM: supplier                                                                                                                                |
| suppliercontact      | h_kontakt          | H.kontakt       | ALT.FROM: supplier                                                                                                                                |
| suppliercontactphone | h_kontakt_telefon  | Hankija telefon | ALT.FROM: supplier                                                                                                                                |
| suppliercontactemail | h_kontakt_email    | Hankija email   | ALT.FROM: supplier                                                                                                                                |
| memo                 | memo               | Memo            |                                                                                                                                                   |
| memo2                | memo2              | Memo2           |                                                                                                                                                   |
| plannedprofit        | pl_kate            | Plan.kate       |                                                                                                                                                   |
| url                  | url                | Url             |                                                                                                                                                   |
| object               | objekt             | objekt          |                                                                                                                                                   |
| customerinventory    | kl_inventar        | Kl. inventar    |                                                                                                                                                   |
| type                 | proj_tyyp          | Tüüp            | ALT.FROM: tr.params                                                                                                                               |
| address1             | aadress1           | Tänav           | ALT.FROM: customer                                                                                                                                |
| address2             | aadress2           | Indeks,linn     | ALT.FROM: customer                                                                                                                                |
| address3             | aadress3           | Maa             | ALT.FROM: customer                                                                                                                                |
| country              | asumaa             | Asumaa          | ALT.FROM: customer                                                                                                                                |
| county               | maakond            | Maakond         | ALT.FROM: customer                                                                                                                                |
| sraccount            | lskonto            | LS konto        |                                                                                                                                                   |
| contract             | leping             | Leping          |                                                                                                                                                   |
| orderer              | tellij_kood        | Tellij kood     |                                                                                                                                                   |
| orderername          | tellij_nimi        | Tellij nimi     | ALT.FROM: orderer                                                                                                                                 |

| XML väli             | SQL väli            | UI väli                         | Selgitus                      |
|----------------------|---------------------|---------------------------------|-------------------------------|
| orderercontact       | tl_kontakt          | Tl.kontakt                      | ALT.FROM: orderer             |
| orderercontactphone  | tl_kontakt_telefon  | Tellija telefon                 | ALT.FROM: orderer             |
| orderercontactemail  | tl_kontakt_email    | Tellija email                   | ALT.FROM: orderer             |
| ordereraddress1      | tellija_aadress1    | Tellija tänav                   | ALT.FROM: orderer             |
| ordereraddress2      | tellija_aadress2    | Tellija Indeks, linn            | ALT.FROM: orderer             |
| ordereraddress3      | tellija_aadress3    | Tellija maa                     | ALT.FROM: orderer             |
| orderercountry       | tellija_asumaa      | Tellija asumaa                  | ALT.FROM: orderer             |
| orderercounty        | tellija_maakond     | Tellija maakond                 | ALT.FROM: orderer             |
| payterm              | tingimus            | Tas.ting                        | ALT.FROM: customer            |
| status               | staatus             | staatus                         | ALT.FROM: tr.params           |
| closed               | suletud             | suletud                         | closed = 1, open = 0          |
| contractend          | garantii            | Garantii%                       |                               |
| worth                | maksumus            | Maksumus                        |                               |
| costbudget           | summa_kulud         | Kulude eelarve                  |                               |
| customer_vatregno    | klient_kmregnumber  | Kliendikaardil: Km reg nr       |                               |
| customer_vatzone     | klient_maa          | Kliendikaardil: Maa             | local = 0, EU = 1, export = 2 |
| customer_type        | klient_tyyp         | Kliendikaardil: Tüüp            |                               |
| customer_class       | klient_klass        | Kliendikaardil: Klass           |                               |
| customer_loyaltycard | klient_kliendikaart | Kliendikaardil:<br>Kliendikaart |                               |

**read:**

| XML väli       | SQL väli      | UI väli              | Selgitus       |
|----------------|---------------|----------------------|----------------|
| action         | tegevus       | Tegevus              | ALT.FROM: item |
| start          | algus         | Algus                |                |
| manager        | juht          | Juht                 |                |
| workers        | tegijad       | Tegijad              |                |
| comment        | kommentaar    | Kommentaar           |                |
| Preliminaryend | oletatav_lopp | Oletatav valmimisaeg |                |
| done           | valmis        | Valmis               |                |
| actualend      | tegelik_lopp  | Tegelik valmimisaeg  |                |
| sum            | summa         | Summa                |                |
| plannedtime    | aeg_raha1     | Planeeritud          |                |
| actualtime     | aeg_raha2     | Tegelik              |                |
| points         | punktid       | Punktid              |                |
| after          | peale         | Peale                |                |
| event          | event         |                      |                |
| object         | objekt        |                      |                |
| item           | r_artikkel    |                      |                |
| quotation      | pakkumine     |                      |                |
| costs          | kulud         | Kulud                |                |
| worker         | teostaja      | Teostaja             |                |
| budget         | eelarve       |                      |                |
| amount         | rea_kogus     |                      |                |
| invoice        | arve          |                      |                |

| XML väli  | SQL väli  | UI väli   | Selgitus                                                 |
|-----------|-----------|-----------|----------------------------------------------------------|
| text1     | tekst1    |           |                                                          |
| text2     | tekst2    |           |                                                          |
| constant1 | konstant1 | Konstant1 |                                                          |
| constant2 | konstant2 | Konstant2 |                                                          |
| rn        | rn        | Nr        | row order number in document 1 - N ,<br>ALT.FROM: random |

**lisaväljad:**

| XML väli | SQL väli | UI väli    | Selgitus |
|----------|----------|------------|----------|
| code     | kood     |            |          |
| content  | sisu     | Sisu       |          |
| param    | param    | Parameeter |          |

**Sündmused**

what=project [Skeem](#)

**Päis:**

| XML väli           | SQL väli      | UI väli                                                      | Selgitus                                                                                                                                                                                                                                                                |               |
|--------------------|---------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| session_id         | x             |                                                              | for internal use at Directo side,<br>do not send this field!                                                                                                                                                                                                            |               |
| ext_unique_id      | ext_unique_id | ! according<br>to settings,<br>default<br>field is<br>ext_id | Needed for creating new<br>events. Transport parameter<br>„uniqueid“ must be set up<br>correctly and „ext_id“ field is<br>best for that; It must be unique<br>for each document and remain<br>same if more than one<br>transaction of the same<br>document is necessary |               |
| code               | kood          | Sündmus                                                      | document number/ID used for<br>updating events; It must be<br>unique for each document and<br>remain same if more than one<br>transaction of the same<br>document is necessary                                                                                          |               |
| type               | tyyp          |                                                              | 32; UI                                                                                                                                                                                                                                                                  | Sündmuse tüüp |
| status             | status        | Staatus                                                      |                                                                                                                                                                                                                                                                         |               |
| startdate          | aeg1          |                                                              | UI                                                                                                                                                                                                                                                                      | Algus         |
| enddate            | aeg2          |                                                              | UI                                                                                                                                                                                                                                                                      | Lõpp          |
| eventcontacttype   | k_tyyp        |                                                              | KLIENT or HANKIJA (customer or<br>supplier)                                                                                                                                                                                                                             |               |
| eventcontactcode   | k_kood        |                                                              | 32; UI                                                                                                                                                                                                                                                                  | Kood          |
| eventcontactname   | k_nimi        |                                                              | ALT.FROM: customer                                                                                                                                                                                                                                                      |               |
| eventcontactperson | k_kontakt     |                                                              | ALT.FROM: customer                                                                                                                                                                                                                                                      |               |
| phone              | k_telefon     |                                                              | ALT.FROM: customer                                                                                                                                                                                                                                                      |               |

| XML väli        | SQL väli        | UI väli | Selgitus                      |                                                                |
|-----------------|-----------------|---------|-------------------------------|----------------------------------------------------------------|
| email           | k_email         |         | ALT.FROM: customer            |                                                                |
| address         | k_aadress       |         | ALT.FROM: customer            |                                                                |
| fax             | k_faks          |         | 64; UI                        | Faks                                                           |
| project         | projekt         |         | 32; UI                        | Projekt                                                        |
| assignedby      | kasutaja        |         | 32; UI                        | Kasutaja                                                       |
| assignedto      | tegija          |         | 32; UI                        | Tegija                                                         |
| description     | sisu            |         | 4000 or infinite (slower); UI | Sündmuse kirjeldus                                             |
| feedback        | feedback        |         | 4000 or infinite (slower); UI | Tagasiside                                                     |
| object          | objekt          |         | 255; UI                       | Objekt                                                         |
| comment         | markus          |         | 255; UI                       | Märkus                                                         |
| priceformula    | hinnavalem      |         | 32; UI                        | Hinnavalem                                                     |
| contract        | leping          |         | UI                            | Leping                                                         |
| asset           | inventar        |         | 32; UI                        | Inventar                                                       |
| priority        | prioriteet      |         | 32; UI                        | Prioriteet                                                     |
| extid           | ext_id          |         | 32; UI                        | do not use it if ext_unique_id is already used as ext_id field |
| sourceunit      | src_unit        |         | 32; UI                        | Source                                                         |
| sourcenumbr     | src_number      |         | 32; UI                        |                                                                |
| item            | artikkel        |         |                               |                                                                |
| itemname        | artikkel        |         |                               |                                                                |
| customtxtfield1 | customtxtfield1 |         | 255; customizable field       |                                                                |
| customtxtfield2 | customtxtfield2 |         | 255; customizable field       |                                                                |

### lisaväljad

| XML väli | SQL väli | UI väli    | Selgitus |
|----------|----------|------------|----------|
| code     | kood     |            |          |
| content  | sisu     | Sisu       |          |
| param    | param    | Parameeter |          |

### allikad

| XML väli    | SQL väli   | UI väli | Selgitus |        |
|-------------|------------|---------|----------|--------|
| sourceunit  | src_unit   |         | 32; UI   | Source |
| sourcenumbr | src_number |         | 32; UI   |        |

### Ressursid

what=resource [Skeem](#)

**Päis:**

| <b>XML väli</b> | <b>SQL väli</b>  | <b>UI väli</b> | <b>Selgitus</b> |
|-----------------|------------------|----------------|-----------------|
| session_id      | x                |                |                 |
| ext_unique_id   | ext_unique_id    |                |                 |
| number          | number           |                |                 |
| date            | aeg              |                |                 |
| comment         | kommentaar       |                |                 |
| customer        | vaik_klient_kood |                |                 |
| employee        | vaik_tegija      |                |                 |
| stock           | ladu             |                |                 |
| project         | projekt          |                |                 |
| asset           | inventar         |                |                 |
| datafield1      | lisa_field1      |                |                 |
| datafield2      | lisa_field2      |                |                 |
| datafield3      | lisa_field3      |                |                 |
| datafield4      | lisa_field4      |                |                 |
| datafield5      | lisa_field5      |                |                 |
| datafield6      | lisa_field6      |                |                 |
| datafield7      | lisa_field7      |                |                 |
| object          | objekt           |                |                 |
| confirm         | kinnita          |                |                 |

**Read:**

| <b>XML väli</b> | <b>SQL väli</b> | <b>UI väli</b> | <b>Selgitus</b> |
|-----------------|-----------------|----------------|-----------------|
| item            | artikkel        |                |                 |
| quantity        | kogus           |                |                 |
| date            | aeg             |                |                 |
| description     | nimetus         |                |                 |
| price           | hind            |                |                 |
| discount        | ale             |                |                 |
| comment         | kommentaar      |                |                 |
| event           | event           |                |                 |
| purchaseprice   | fifo            |                |                 |
| unit            | yhik            |                |                 |
| employee        | tegija          |                |                 |
| invoiced        | arvega          |                |                 |
| contract        | leping          |                |                 |
| timewindow1     | aeg_aken1       |                |                 |
| timewindow2     | aeg_aken2       |                |                 |
| project         | projekt         |                |                 |
| sum             | summa           |                |                 |
| customer        | klient_kood     |                |                 |
| customername    | klient_nimi     |                |                 |
| stock           | r_ladu          |                |                 |
| vatcode         | kmk             |                |                 |
| contact         | kontakt         |                |                 |

| XML väli     | SQL väli     | UI väli | Selgitus |
|--------------|--------------|---------|----------|
| object       | objektid     |         |          |
| closed       | suletud      |         |          |
| initialqty   | kogus_alg    |         |          |
| finishedqty  | kogus_tehtud |         |          |
| stopped      | peatatud     |         |          |
| customerqty  | klient_kogus |         |          |
| sn           | sn           |         |          |
| constant1    | konstant1    |         |          |
| constant2    | konstant2    |         |          |
| constant3    | konstant3    |         |          |
| constant4    | konstant4    |         |          |
| asset        | r_inventar   |         |          |
| capitalasset | pohivara     |         |          |
| shelf        | riiul        |         |          |
| department   | osakond      |         |          |
| text1        | tekst1       |         |          |
| text2        | tekst2       |         |          |
| text3        | tekst3       |         |          |
| text4        | tekst4       |         |          |
| delete       | kustuta      |         |          |
| rn           | rn           |         |          |

## Kasutajad

what=user [Skeem](#)

## Kasutajad

| XML väli     | SQL väli   | UI väli | Selgitus                                                                                                                                          |
|--------------|------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id   | x          |         | for internal use at Directo side, do not send this field!                                                                                         |
| code         | kood       | Kood    | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| name         | nimi       |         |                                                                                                                                                   |
| group        | grupp      |         |                                                                                                                                                   |
| email        | email      |         |                                                                                                                                                   |
| stock        | ladu       |         |                                                                                                                                                   |
| series       | Field19    |         |                                                                                                                                                   |
| object       | objekt     |         |                                                                                                                                                   |
| priceformula | hinnavalem |         |                                                                                                                                                   |
| closed       | suletud    |         |                                                                                                                                                   |
| gender       | sugu       |         |                                                                                                                                                   |
| dateofbirth  | synniaeg   |         |                                                                                                                                                   |

| XML väli           | SQL väli              | UI väli | Selgitus |
|--------------------|-----------------------|---------|----------|
| homeaddress        | k_aadress             |         |          |
| homeaddress2       | k_aadress2            |         |          |
| homeaddress3       | k_aadress3            |         |          |
| county             | k_maakond             |         |          |
| officeaddress      | t_aadress             |         |          |
| bank               | pank                  |         |          |
| accountno          | arveldusarve          |         |          |
| homephone          | telefon_kodu          |         |          |
| officephone        | telefon_too           |         |          |
| mobilephone        | telefon_tasku         |         |          |
| incometaxfree      | meetod_tulumaks       |         |          |
| vacation           | meetod_puhkus         |         |          |
| socialtax          | meetod_sotsmaks       |         |          |
| pid                | isikukood             |         |          |
| livingplace        | elukoht               |         |          |
| language           | keel                  |         |          |
| account            | konto                 |         |          |
| personnel          | personal              |         |          |
| nameinbank         | nimi_pangas           |         |          |
| resident           | resident              |         |          |
| skype              | skype                 |         |          |
| intcode            | int_kood              |         |          |
| extraobject        | lisa_objekt           |         |          |
| payday             | palgapaev             |         |          |
| healthinsurance    | ravikindlustus        |         |          |
| salaryemail        | email_palk            |         |          |
| pdfpassword        | per_pass              |         |          |
| reservcost         | reserv_kulu_konto     |         |          |
| reservliability    | reserv_kohustus_konto |         |          |
| pricegroup         | hinnagrupp            |         |          |
| averagebaseinmonth | kesk_kuud             |         |          |
| sessiontime        | session_time          |         |          |
| country            | maa                   |         |          |
| averagefee         | kesk_alus             |         |          |
| workingtimecalc    | tooaja_arvest         |         |          |
| toraddressid       | t_aadress_id          |         |          |

**lisaväljad**

| XML väli | SQL väli | UI väli    | Selgitus |
|----------|----------|------------|----------|
| code     | kood     |            |          |
| content  | sisu     | Sisu       |          |
| param    | param    | Parameeter |          |

**töösuhe**

| XML väli          | SQL väli          | UI väli | Selgitus |
|-------------------|-------------------|---------|----------|
| type              | tyyp              |         |          |
| contract          | leping            |         |          |
| started           | aeg1              |         |          |
| finished          | aeg2              |         |          |
| date              | aeg               |         |          |
| signer            | allkirjastaja     |         |          |
| department        | osakond           |         |          |
| occupation        | amet              |         |          |
| superior          | ylemus            |         |          |
| comment           | kommentaar        |         |          |
| rn                | rn                |         |          |
| stage             | etapp             |         |          |
| workload          | koormus           |         |          |
| endreason         | lop_alus          |         |          |
| closed            | suletud           |         |          |
| workscheduleitems | graafiku_artiklid |         |          |
| personsubstituted | asendatav         |         |          |
| rr                | rv                |         |          |
| arn               | a_rn              |         |          |

**haridus**

| XML väli      | SQL väli   | UI väli | Selgitus |
|---------------|------------|---------|----------|
| type          | tyyp       |         |          |
| code          | tunnistus  |         |          |
| qualification | eriala     |         |          |
| issuedby      | asutus     |         |          |
| comment       | kommentaar |         |          |
| startdate     | aeg1       |         |          |
| enddate       | aeg2       |         |          |
| level         | tase       |         |          |
| description   | nimetus    |         |          |
| rn            | rn         |         |          |

**dokumendid**

| XML väli  | SQL väli   | UI väli | Selgitus |
|-----------|------------|---------|----------|
| type      | tyyp       |         |          |
| code      | dokument   |         |          |
| name      | nimetus    |         |          |
| comment   | kommentaar |         |          |
| startdate | aeg1       |         |          |
| enddate   | aeg2       |         |          |
| rn        | rn         |         |          |

**isikud**

| XML väli | SQL väli   | UI väli | Selgitus |
|----------|------------|---------|----------|
| type     | tyyp       |         |          |
| idnumber | isikukood  |         |          |
| name     | nimi       |         |          |
| phone    | telefon    |         |          |
| comment  | kommentaar |         |          |
| rn       | rn         |         |          |

**valemid**

| XML väli  | SQL väli  | UI väli | Selgitus |
|-----------|-----------|---------|----------|
| formula   | valem     |         |          |
| user      | kasutaja  |         |          |
| price     | hind      |         |          |
| comment   | kirjeldus |         |          |
| startdate | aeg1      |         |          |
| enddate   | aeg2      |         |          |
| rn        | rn        |         |          |

**kasutaja maksud**

| XML väli         | SQL väli  | UI väli | Selgitus |
|------------------|-----------|---------|----------|
| formula          | valem     |         |          |
| startdate        | algus     |         |          |
| enddate          | lopp      |         |          |
| taxfree          | maksuvaba |         |          |
| taxfreestartdate | mv_algus  |         |          |
| taxfreeenddate   | mv_lopp   |         |          |
| rn               | rn        |         |          |

**Puudumised**

what=absence [Skeem](#)

**Puudumised**

| XML väli      | SQL väli | UI väli   | Selgitus                                                                                                                                          |
|---------------|----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| session_id    | x        |           | for internal use at Directo side, do not send this field!                                                                                         |
| number        | number   | Laekumine | document number/ID, mandatory; It must be unique for each document and remain same if more than one transaction of the same document is necessary |
| date1         | aeg1     |           |                                                                                                                                                   |
| date2         | aeg2     |           |                                                                                                                                                   |
| comment       | selgitus |           |                                                                                                                                                   |
| employeeecode | persoon  |           |                                                                                                                                                   |

| XML väli        | SQL väli        | UI väli | Selgitus                |
|-----------------|-----------------|---------|-------------------------|
| delete          | kustuta         |         | „1“ means delete        |
| customtxtfield1 | customtxtfield1 |         | 255; customizable field |
| customtxtfield2 | customtxtfield2 |         | 255; customizable field |

**read:**

| XML väli           | SQL väli           | UI väli | Selgitus                |
|--------------------|--------------------|---------|-------------------------|
| employeecode       | persoon            |         |                         |
| absencetype        | r_liik             |         |                         |
| date1              | r_aeg1             |         |                         |
| date2              | r_aeg2             |         |                         |
| newend             | uus_lopp           |         |                         |
| comment            | kommentaar         |         |                         |
| inadvance          | ette               |         |                         |
| substitute         | asendaja           |         |                         |
| customrowtxtfield1 | customrowtxtfield1 |         | 255; customizable field |
| customrowtxtfield2 | customrowtxtfield2 |         | 255; customizable field |
| customrowdecfield1 | customrowdecfield1 |         | customizable field      |
| customrowdecfield2 | customrowdecfield2 |         | customizable field      |
| rn                 | rn                 |         |                         |

## Väljundid

### Pakkumised (quotation)

- what=quotation [Skeem](#)  
Filtrid: number,ts

### Artiklid (Items)

- what=item [Skeem](#)  
Filtrid: class,code,type,barcode,supplier,supplieritem,closed,ts

### Artikli laolimiidid (Item stock limits)

- what=itemstocklimit [Skeem](#)  
Filtrid: code,stock,ts

### Artikli pakendid (Item packages)

- what=itempackage [Skeem](#)  
Filtrid: code,ts

**Seotud artikli (Item relations)**

- what=itemrelitem [Skeem](#)  
Filtrid: code,ts

**Artikli KM koodid ja kontod (Item VAT codes and Account codes)**

- what=itemaccountvatcode [Skeem](#)  
Filtrid: item

ws\_artiklid\_kontod\_kmkoodid

**Kliendid (Customers)**

- what=customer [Skeem](#)  
Filtrid: code,loyaltycard,regno,email,phone,closed,ts

**Hankijad (Suppliers)**

- what=supplier
- [Skeem](#)
- Filtrid: code,regno,email,closed,ts

**Kontaktid (contact)**

- what=contact
- [Skeem](#)
- Filtrid: code,customercode,suppliercode,email,closed,ts

**Laod(stock)**

- what=stock
- [Skeem](#)
- Filtrid: code

**Laoseis (Stock levels)**

- what=stocklevel [Skeem](#)
  - Filtrid: code,stock,ts

**Laoseis tegelik ilma vaba koguse arvutusega ning vaba laoseisu mõjutavad kogused (allocations)**

- what=stocklevel\_variant\_sn [Skeem](#)
  - Filtrid:code,variant,sn,stock,ts

- what=allocation [Skeem](#)
  - Filtrid: code,variant,sn,stock
  - **Info:** Sisaldab koguseid, et arvutada vaba laoseisu. Kasutamiseks juurde liita ja lahutada erinevatelt sisenenvatelt ja väljuvatelt dokumentidelt vaba laoseisu arvutuseks. Kasutada koos laoseisu väljundiga what=stocklevel\_variant\_sn kus on tegeliku laoseisu koguse väli level.

### Hinnavalemi read (Price formula rows)

- what=priceformularow [Skeem](#)  
Filtrid: class,code,ts

### Artikli klassid (Item classes)

- what=itemclass [Skeem](#)  
Filtrid: code, master

### Artikliajalugu (itemhistoryrow)

- what=itemhistoryrow [Skeem](#)  
Filtrid: type,number,code,id

### Retseptid (recipe)

- what=recipe [Skeem](#)  
Filtrid: code,ts

### Arved (Invoices)

- what=invoice [Skeem](#)  
Filtrid: number,customercode,transactiondate,date1,date2,ts, ordernumber

### Tellimused (Orders)

- what=order [Skeem](#)  
Filtrid: number,date1,date2,ts, projekt, customerordernumber, stock, status

### Finantskanded (Transactions) ja Finantskande read (Transactionrows)

- what=transaction [Skeem](#)  
Filtrid: number,date1,date2,ts
- what=transactionrow [Skeem](#)  
Filtrid: number,type,account,date1,date2,ts

## Laekumised (Receipts)

- what=receipt [Skeem](#)  
Filtrid: number,date1,date2,paymentmode,confirmed,ts

## Lähetused (delivery)

- what=delivery [Skeem](#)  
Filtrid: number,date1,date2,supplier,confirmed,status,ts

## Inventuurid (taking)

- what=taking [Skeem](#)  
Filtrid: number,date1,date2,supplier,confirmed,status,ts

## Liikumised (movement)

- what=movement [Skeem](#)  
Filtrid: number,date1,date2,confirmed,status,ts

## Laotellimused (stockorder)

- what=stockorder [Skeem](#)  
Filtrid: number,date,status,ts

## Ostutellimused (purchaseorder)

- what=purchaseorder [Skeem](#)  
Filtrid: number,date1,date2,supplier,confirmed,status,ts

## Sissetulekud (stockreceipt)

- what=stockreceipt [Skeem](#)  
Filtrid: number,date1,date2,supplier,confirmed,status,ts

## Ostuarved (Purchase)

- what=purchase [Skeem](#)  
Filtrid: number,date1,date2,supplier,confirmed,status,ts

## Kontod (account)

- what=account [Skeem](#)

Filtrid: code,closed,class

### Objektid (object)

- what=object [Skeem](#)  
Filtrid: code,ts

### Projektid (project)

- what=project [Skeem](#)
- Filtrid: code,type,status,confirmed,createdts,ts

### Sündmused(event)

- what=event [Skeem](#)
- Filtrid: code,extid,customercode,type,status,ts

### Ressursid (resource)

- what=resource [Skeem](#)
- Filtrid: number,confirmed,ts

### Kasutajad(user)

- what=user [Skeem](#)
- Filtrid: code,idnumber,ts

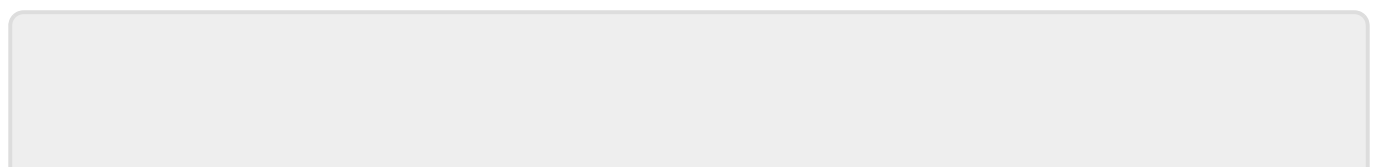
### Asenduste log (Replacement log )

Customer code replacements

- what=replacementlog [Skeem](#)  
Filtrid: number, document, old, new, ts

### Kustutatud dokumendid (Deleted documents )

- what=delete [Skeem](#)  
Filtrid: number,code,document,ts



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