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Fix Me! **This page is not fully translated, yet.**

WMS Direct

Warehouse Management Interface WMS Direct – enter data only once and directly at the point of origin

Users of Directo business software who deal with warehouse management and production can simplify and automate their workflows by using the new interface **WMS Direct**.

WMS Direct is a new standard interface in Directo business software for managing logistics and warehouse documents with external WMS solutions (WMS = Warehouse Management System). Using this powerful new interface allows you to handle various warehouse processes completely paperless in an external application (goods receipt, order picking, inventories, production, etc.). With WMS Direct, you can do this quickly, easily, and securely. In short, it saves your time and minimizes the risk of errors.

WMS Direct features:

1. Goods receipt – quickly and securely enter data for incoming goods using a scanner (scanners are not included in the WMS Direct monthly fee), which automatically posts the information to the Receipt document in Directo.
2. Goods dispatch – quickly and accurately enter data for outgoing goods, automatically generating the necessary information in the Delivery document in Directo. You can also initiate the creation and confirmation of invoices for already dispatched but unbilled goods.
3. Inventory – quickly and safely correct errors, eliminate shortages, and perform stocktaking using scanners.
4. Write-offs – allows marking defective products in real time, sending information from the warehouse or production directly to Directo.
5. Inter-warehouse movements – convenient, fast, and error-free transfer of goods between warehouses.
6. Ability to develop scanner solutions with Directo production module documents.
7. And many more possibilities to automate your warehouse data management.

In summary, WMS Direct means that warehouse-related data is always entered only once, directly at the point and time of origin.

The WMS Direct interface costs €199/month (excluding VAT). See the price list. The number of transactions and devices accessing the interface is not limited per monthly package.

NB! This amount only covers the use of the WMS Direct solution in Directo software; necessary scanners and other hardware are additional (not a service provided by Directo).

WMS Direct is developed for seamless cooperation with WMS solutions, and users do not need to worry about obsolescence or changes due to technological evolution, as all updates are included in the monthly fee. Installation costs are also included in the monthly fee.

Ordering and using the service

WMS Direct can be used with any warehouse management system if the service provider is willing to develop their software to allow integration with Directo. To order the service, contact us, and we will help you start integrating Directo with your current WMS software or recommend reliable WMS providers we have worked with, who already have the necessary developments for using the WMS Direct interface.

Partners and contacts

Some WMS service providers with experience in WMS Direct:

- VTMF
  - Alo Toom
  - +372 501 8161
  - alo@vtmf.ee
  - general email: wmsterminal@vtmf.ee
  - #scanner solution
- RIS
  - Raino Einroos
  - +372 5015625
  - raino@ris.ee
  - general email: ris@ris.ee
  - #scanner solution
- Tovacom
  - Jüri Vau
  - +372 5066007
  - jyri.vau@tovacom.com
  - #warehouse service

Interfaces

	Output	**Input**					
		Header			**Row**		
	View	**Add**	**Edit**	**Delete**	**Add**	**Edit**	**Delete**
Articles	x	-	x	-			
Article classes	x						
Batch additional info	x	-	-	-	x	x	-
Batch classes	x	-	-	-	-	-	-
Recipes	x						
Article history	x						
Warehouses	x						
Stock levels free	x						
Stock levels shelf	x						
Customers	x						
Suppliers	x						

Users	x						
Objects	x						
Projects	x						
Shelves	x						
Work centers	x						
Sales orders	x						
Deliveries	x	-	x	-	-[4]	x	-
Receipts	x	x/-[2]	x	-	x	x	-
Inventories	x	x	x	-	x	x	x
Warehouse movements	x	x	x	-	x	x	-
Productions	x	x	x	-	x	x	-
Purchase orders	x						
Write-offs	x	x	x	-	x	x	-
Invoice (warehouse affecting)	x	x	x	-	x	x	-
Returns	x	x	x	-	x	x	-
Deletions	x						

2 - Create receipt based on purchase order number, and create receipt if no purchase order exists
4 - Rows can be added to delivery only if the item exists in the original delivery

General

The interface assumes that documents are created in Directo. If a document is created via the interface, all required information (account, objects, projects, etc.) must be provided, as the interface cannot behave like the Directo UI. The interface is standard, i.e., uniform for all clients, and all developments are the same for all clients. Output interfaces show all records, and restrictions can be applied using query filters. To reduce data volume, it is necessary to use the TimeStamp (`ts`) filter.

Common endpoint

Compared to usual xmlcore interfaces, WMS Direct uses a new common endpoint. Accordingly, there are some differences to consider.

Access endpoint (Base URL): https://login.directo.ee/xmlcore/wmsd/xmlcore.asp
Access requires a token. Finding the token. The token replaces the older appkey and database name method. The token must be sent via POST in the variable TOKEN (similar to an HTML form submission) to the URL to get results. Incorrect or incorrectly sent tokens return `<result type=”5” desc=”Unauthorized”/>`

If the TOKEN variable is not used, the response is `<err>token required</err>`

CURL example

```
curl --location 'https://login.directo.ee/xmlcore/wmsd/xmlcore.asp' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'token=••••••' \
```

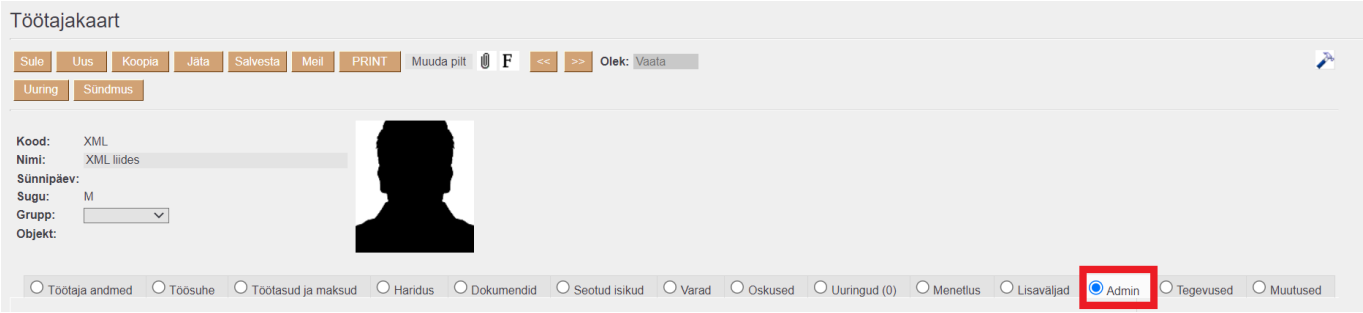
```
--data-urlencode 'get=1' \
--data-urlencode 'what=xxxxx' \
--data-urlencode 'ts=xx.xx.xxxx'
```

XML key / token

To find the interface XML key:
1. Log in to Directo with a user having SUPER rights
2. Open the employee card 'XML'



3. Go to the `Admin` tab



4. Go to the `XML interfaces` section

5. On the line `WMS Direct` click the button 

to view the key

Testing

Test web interface: https://login.directo.ee/xmlcore/wmsd/webupload.html

Postman

Output and Input for Postman can be downloaded here and then imported as a Postman Collection for testing.

Registers

Articles

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_artiklid.xsd
what=item

get=1
Filter ”class”,”code”,”type”,”barcode”,”supplier”,”supplieritem”,”closed”,”ts”

Input

Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_artiklid.xsd
what=item
put=1

Article classes

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_artikliklassid.xsd
what=itemclass
get=1
Filter ”code”,”master”

Batch additional info

Input interface

For entering info into batch/sn additional fields for a specific article batch. Batch must already exist. Do not use field qty!!!
Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_sn_lisavaljad.xsd
what=sndatafield
put=1

Output interface

For retrieving batch/sn additional field info by batch/sn and article code Schema: https://login.directo.ee/xmlcore/wmsd/ws_sn_lisavaljad.xsd
what=sndatafield
get=1

Filter: ”code”,”class”,”sn”

Batch/Serial number classes output

Needed to get batch/sn structure info

Schema: https://login.directo.ee/xmlcore/wmsd/ws_sn_lisavalja_klassid.xsd
what=sndatafieldclass

get=1
Filter ”code”,”class”

Additional info

`type` explanation: 1=number; 3=time; 4=option (See also: Lisaväljad)

Recipes

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_retseptid.xsd
what=recipe
get=1
Filter ”code”,”ts”

Stock

Only outputs. Can query stock by TimeStamp using `ts` filter. Using `ts` filter shows also items whose quantity changed to zero during the period. Without `ts`, only quantities greater than zero are shown.

 First time, load all stock without using `ts` filter!

Shows actual and free stock

Schema: https://login.directo.ee/xmlcore/wmsd/ws_laoseis.xsd
what=stocklevel
get=1
Filter ”code”,”stock”,”ts”

Shows stock by shelf

 Note:

- Shelves must be mandatory in the database per WarehouseId
- Shows only actual stock
- If Projects are used, also shows stock by Shelf and Project

Schema: https://login.directo.ee/xmlcore/wmsd/ws_laoseis_riiul.xsd
what=shelfstocklevel
get=1
Filter ”code”,”stock”,”shelf”,”ts”

Article History

Article history is intended for viewing the movement history (in-out movements) of an item.

Schema: https://login.directo.ee/xmlcore/wmsd/ws_artikli_ajalugu.xsd
what=itemhistoryrow
get=1
Filter ”code”,”stock”,”type”,”date1”,”date2”

Warehouses

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_laod.xsd
what=stock
get=1
Filter ”code”,”closed”

Customers

Output

https://login.directo.ee/xmlcore/wmsd/ws_kliendid.xsd
what=customer
get=1
Filter ”code”,”loyaltycard”,”regno”,”email”,”phone”,”closed”,”ts”,”class”

Suppliers

Output

https://login.directo.ee/xmlcore/wmsd/ws_hankijad.xsd
what=supplier
get=1
Filter ”code”,”class”,”regno”,”email”,”type”,”closed”,”ts”

Users

Schema: https://login.directo.ee/xmlcore/wmsd/ws_kasutajad.xsd
what=user
get=1
Filter ”code”,”internalcode”,”idnumber”,”closed”,”email”,”ts”

Objects

Schema: https://login.directo.ee/xmlcore/wmsd/ws_objektid.xsd
what=object
get=1
Filter ”code”,”master”,”type”,”level”,”ts”

Projects

Schema: https://login.directo.ee/xmlcore/wmsd/ws_projektid.xsd
what=project
get=1
Filter ”code”,”customer”,”supplier”,”orderer”,”contract”,”closed”,”ts”

Warehouse Shelves

Schema: https://login.directo.ee/xmlcore/wmsd/ws_riiulid.xsd
what=shelf
get=1
Filter ”stock”

Work Centers

Schema: https://login.directo.ee/xmlcore/wmsd/ws_tookeskused.xsd
what=workcenter
get=1
Filter ”code”

Documents

Sales Orders

Sales order documents are informative and output-only.

Output

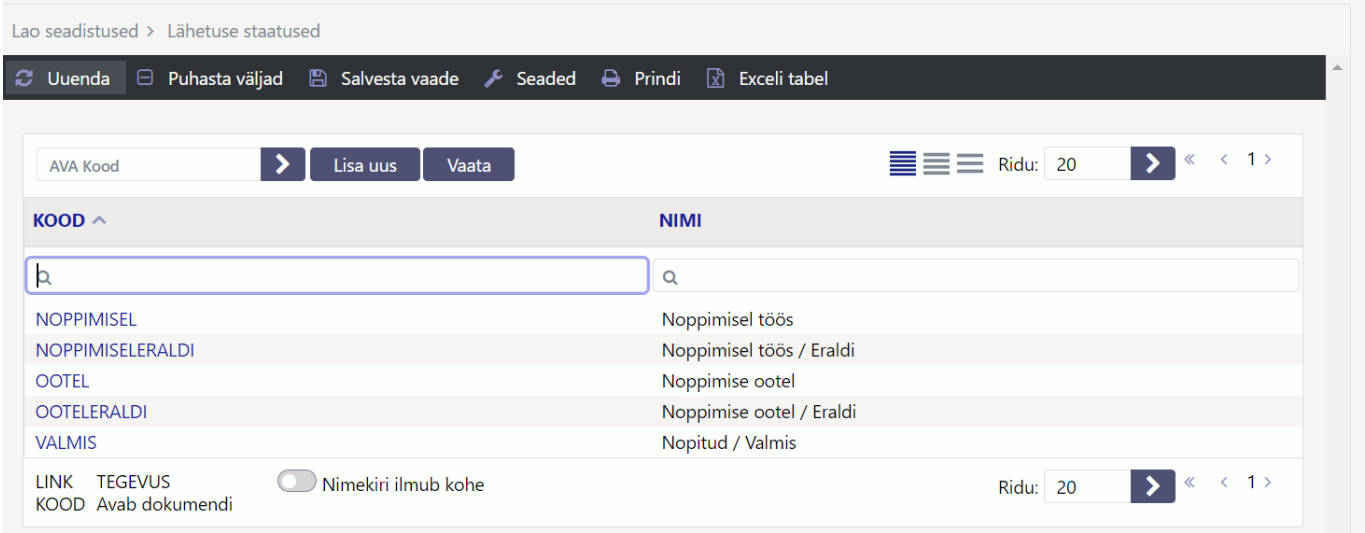
Schema: https://login.directo.ee/xmlcore/wmsd/ws_tellimused.xsd
what=order
get=1

Filters

Filter	Description
number	Sales order number
customercode	Customer code
class	Customer class
orderercode	Orderer code
date1,date2	Order date range
object	Order object
stock	Warehouse
confirmed	Confirmed order
ts	Timestamp – last modification

Deliveries

Warehouse delivery statuses need to be set up (example of use)



Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_lahetused.xsd
what=delivery
get=1
Filter ”number”,”ordernumber”,”customercode”,”status”,”stock”,”confirmed”,”ts”

Input

In the delivery interface, existing delivery documents can be modified.
Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_lahetused.xsd
what=delivery
put=1

Exceptions

- When using serial numbers, the interface must initially ”split” the row, i.e., assign a line number to the existing item; the interface checks the relation to the old row
  - If multiple rows with the same rn are sent, both are saved: <rows> <row item=”8000-5669” rn=”2” qty=”1.000” serialnumber=”ZZZ”/> <row item=”8000-5669” rn=”2” qty=”1.000” serialnumber=”AAA”/> </rows> Original row is deleted!
- To change status, only the document header can be sent without rows
- If the delivery document is deleted and the interface attempts to save, error ”Not Found” and type=11 occurs
- When confirming delivery with confirm=2, an invoice is also created; the response returns the invoice number

Creating Invoice from Delivery

The delivery number locates the order and triggers the invoice creation procedure for all delivered but unbilled items. The interface returns the created invoice number.
In delivery input, confirm=2 means confirm and create confirmed invoice (not direct invoice!).

Locking Delivery by WMS

If a delivery needs to be locked so that the document cannot be modified in Directo while the WMS system is processing it, statuses and Directo setting ”Delivery statuses that lock the delivery” must be used.

Receipts

The receipt interface is for creating Receipt documents based on Purchase Orders. It is recommended to post the entire document at once to avoid complexity, though posting line by line is possible.

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_sissetulekud.xsd
what=stockreceipt
get=1
Filter ”number”,”date1”,”date2”,”supplier”,”confirmed”,”status”,”ts”,”stock”

Input

The receipt interface allows modification of existing documents. To create a new document, the relation to the purchase order must be posted exactly (see Exceptions).
Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_sissetulekud.xsd
what=stockreceipt
put=1

Transport Parameters

TYPE	CODE	PARAM1	PARAM2	DESCRIPTION
XML	wmsd_confirm	0	STOCKRECEIPT	Automatic document confirmation, can also be controlled with XML field ”confirm”
XML	wmsd_stock	PL	STOCKRECEIPT	Default warehouse if not sent
XML	wmsd_supplier_update	0	STOCKRECEIPT	Partial supplier update (email, etc.); fields must be specified in spec
XML	wmsd_autosupplier	0	STOCKRECEIPT	Automatic creation of related supplier if supplier code does not exist, unique regno required
XML	wmsd_autosupplier_autocode	0	STOCKRECEIPT	Code is created in the interface when creating a related supplier; unique reg. number required; Directo system settings needed
XML	wmsd_series	DOK	STOCKRECEIPT	Series for creating document number in interface, ”uniqueid” transport parameter must be configured; schema must include ”ext_unique_id”
XML	wmsd_uniqueid	lisa_field7	STOCKRECEIPT	Database field for external unique identifier (e.g., customer_order, lisa_field7, customer card); if document number/code not sent, ”ext_unique_id” must exist in schema
XML	wmsd_ladu_sis_kreedit	xxxxxxx	STOCKRECEIPT	Default account; used if missing in interface or supplier card
XML	wmsd_valuuta	EUR	STOCKRECEIPT	Default currency; if missing, EUR is used

Exceptions

- If same row number (rn) is sent, it overwrites. Applies also to SN
- If original document has one product per row but multiple batches arrive, send multiple rows with same rn; both rows are saved as in example:
  - `<rows> <row item=”8000-5669” rn=”2” qty=”1.000” serialnumber=”ZZZ”/> <row item=”8000-5669” rn=”2” qty=”1.000” serialnumber=”AAA”/> </rows>` Original row deleted
- Interface does not check if product is SN-tracked
- Adding/modifying receipt rows:
  - omit row number for new rows
  - include row number for existing rows; interface checks relation to old row
- If a receipt exists in Directo, all fields received, even if not modified, must be included
- Fields required by system if missing:
  - Supplier name (from supplier card)
  - Warehouse (from transport parameter, default stock)
  - Currency (from transport parameter or EUR)
  - Currency rate
  - Account (from transport parameter ladu_sis_kreedit)
  - Country (from supplier card)
  - Transaction type (from supplier card)

    - Delivery method (from supplier card)
    - Payment term (from supplier card)
- To create a new receipt linked to a purchase order, header must include PO number and rows must reference correct PO line number - orn = purchase order line
- PO number in receipt header must not be repeated in rows; rows may reference other POs (see example)

```
<?xml version="1.0" encoding="utf-8"?>
<stockreceipts>
  <stockreceipt number="100001" supplier="0001"
suppliername="Directo OÜ" stock="TL1" user="SUPER"
purchaseorder="100001">
    <rows>
      <row item="0001" qty="10" orn="1" />
      <row item="0002" qty="10" purchaseorder="100002" orn="1" />
    </rows>
  </stockreceipt>
</stockreceipts>
```

Inventory

To perform inventory:

- Create inventory documents in Directo without rows (recommended)
- Allocate warehouses once counting is finished
- If using multiple scanners:
    - Create chain main document with no items
    - Create inventory documents for one chain
    - Add comment for document use

NB! If inventory document number is missing, interface creates a new document!

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_inventuurid.xsd
what=taking
get=1
Filter ”number”,”chain”,”stock”,”confirmed”,”ts”

Input

Interface allows adding and modifying existing inventory documents.
Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_inventuurid.xsd
what=taking
put=1

Exceptions

- If document missing, interface creates new
- To delete a row, add delete=1; row and item accuracy required

Before inventory:

- Create document in Directo (header only).  Recommended to make inventory chain main document in Directo but not mandatory
- No warehouse split if quantities sent via interface
- Always send with row number (row number is ID!)
- Document must be confirmed in Directo and warehouse split done

Warehouse Movements

Movement interfaces can be used for transfers between warehouses, rearrangement within shelves (shelf-based inventory)

Directo displays status info on movement document; status field not in schema

Status field in Directo

Database	Directo browser	Description
0	0	Not received or not confirmed
1	O	Partially received and confirmed
2	L	Received and confirmed

Field `parentmovement`

Used when one movement is part of a series of sequential movements. Links each movement to its original or previous movement (”parent”).

Allows:

- tracking entire chain from start (e.g., original withdrawal or receipt)
- identifying warehouse or inventory at start
- linking related movements for reporting or traceability

Example: Item moved from warehouse (movement A) to intermediate (movement B) to final destination (movement C)

- B parentmovement points to A
- C parentmovement points to B

This allows system (or API) to trace back to original movement.

Field optional for simple movements; important for complex or multi-step movements.

Input

Can modify and add movement documents.
Schema https://login.directo.ee/xmlcore/wmsd/xml_IN_liikumised.xsd
what=movement
put=1

Exceptions

- If existing number provided, update occurs
- If movement number not in Directo, new document created
- External ID can be used for new document; system tries to create document with series ”DOK” or configured series. Avoid using external ID for creation!!!
- Fields *qty* and *receivedqty* mandatory and must be equal

Locking warehouse movements by WMS

To lock a movement document during WMS processing, statuses and Directo setting ”Warehouse movement statuses that lock the movement” must be used.

Output

Schema https://login.directo.ee/xmlcore/wmsd/ws_liikumised.xsd
what=movement
get=1
Filter ”number”,”fromstock”,”tostock”,”confirmed”,”ts”

Production

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_tootmised.xsd
what=production
get=1
Filter ”number”,”productiondate”,”status”,”kinnitatud”,”ts”

Input

Can modify and add production documents.
Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_tootmised.xsd
what=production
put=1

Transport Parameters

TYPE	CODE	PARAM1	PARAM2	DESCRIPTION
XML	wmsd_object		PRODUCTION	Default object if not sent
XML	wmsd_account		PRODUCTION	Default account if not sent

Purchase Orders

Output

Schema https://login.directo.ee/xmlcore/wmsd/ws_otellimused.xsd
what=purchaseorder
get=1
Filter ”number”,”date1”,”date2”,”supplier”,”confirmed”,”status”,”type”,”ts”,”stock”

To create receipt from purchase order, post exactly same data and ensure receipt references PO lines!

Write-offs

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_mahakandmised.xsd
what=writeoff
get=1
Filter ”number”,”status”,”project”,”stock”,”ts”

Input

Add and modify documents. See also projektid
Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_mahakandmised.xsd
what=writeoff
put=1

Exceptions

- Row account taken from Article class `WRITE-OFF ACCOUNT`

Inventory Sales Invoice

Output

Schema https://login.directo.ee/xmlcore/wmsd/ws_arved.xsd

what=invoice
get=1
Filter ”number”,”customercode”,”transactiondate”,”date1”,”date2”,”ts”,”status”

Input

Add and modify documents.
https://login.directo.ee/xmlcore/wmsd/xml_IN_arved.xsd
what=invoice
put=1

Transport Parameters

Default parameters not required.

TYPE	CODE	PARAM1	PARAM2	DESCRIPTION
XML	wmsd_changestock	0	INVOICE	Inventory affecting invoice (Param.1=1 modifies stock)
XML	wmsd_uniqueid	lisa_field1	INVOICE	Database field for external unique identifier; must exist in schema if doc number/code not sent
XML	wmsd_autocustomer_autocode	0	INVOICE	Creates customer code automatically; unique email required; system settings required
XML	wmsd_update	1	INVOICE	Allow document update if related documents missing
XML	wmsd_series	DOK	INVOICE	Series for document number creation; uniqueid transport parameter must be configured; schema must include ”ext_unique_id”
XML	wmsd_customer_update	0	INVOICE	Partial update of customer data (name, email, phone)
XML	wmsd_object		INVOICE	Default object if not sent
XML	wmsd_salesman	XML	INVOICE	Default salesperson
XML	wmsd_stock	PL	INVOICE	Default warehouse if not sent
XML	wmsd_confirm	0	INVOICE	Automatic document confirmation; can also be controlled via XML ”confirm”
XML	wmsd_paymentvatcode	0	INVOICE	VAT code for related receipt line; must exist in schema
XML	wmsd_confirmpayment	1	INVOICE	Automatic confirmation of related receipt; must exist in schema
XML	wmsd_posinvoice	0	INVOICE	1=POS invoice
XML	wmsd_autocustomer	0	INVOICE	Automatic related customer creation if code does not exist
XML	wmsd_2_salesman	TEST	INVOICE	Default salesperson
XML	wmsd_updateconfirmed	1	INVOICE	Allows modifying header fields on confirmed document

Returns

Output

Schema: https://login.directo.ee/xmlcore/wmsd/ws_tagastused.xsd
what=stockreturn
get=1
Filter number, customercode, status, project, stock, confirmed, ts

Input

Create and modify documents.
Schema: https://login.directo.ee/xmlcore/wmsd/xml_IN_tagastused.xsd
what=stockreturn
put=1

Exceptions

- Input creates new document if no return exists with given number
- If return exists: header overwritten, rows deleted and re-added
- If posting `confirm=1`, document confirmed and cannot be changed
- see also projektid

Deletions

Output

Interface outputs information about all deletions in Directo!
Schema: https://login.directo.ee/xmlcore/wmsd/ws_kustutamised.xsd
what=delete
get=1
Filters: document, ts

Document filter explanations:

document	**name**
allahindluskood	Discount codes
ametikoht	Positions
artikkel	Articles
aal_retsept	AAL recipes
variant	Variants
aklassid	Article classes
arvutid	Computers
color	Colors

document	name
kurss	Exchange rates
elukoht	Residences
event_prioriteedid	Event priorities
event_statuses	Event statuses
event_types	Event types
event	Events
eventk	Event repetitions
aastaaru	Annual reports
algsaldo	Opening balances
bilanss	Balance
fin_kaive	Revenue declaration
fin_kasu	Profit statement
fin_stat	Financial – Statistics
eelarve	Budgets
kanne	Entries
finkm	VAT codes
konto	Accounts
kulutus	Expenses
fin_kulutus_marsruut	Expense routes
fin_kulutus_tyyp	Expense types
objekt	Objects
obj_tase	Object levels
fin_retseptid	Financial recipes
tasaarveldus	Offsetting
valjamaks	Payouts
valjavote	Bank statements
valjavotte_reeglid	Bank statement import rules
hankija	Suppliers
hankija_klass	Supplier classes
haridus	Educations
hinnakiri	Price lists
int_pv_tegevused	Fixed assets activities
inventar_pv	Fixed assets
inventar_vv	Small assets
inventar	Assets
kl_inventar	Customer assets
inventar_hinnamuutus	Fixed assets revaluation
inventar_id	Asset ID
inventar_inventuur	Asset inventory
inventar_mahakandmine	Asset write-off
fin_varamah	Reason for asset write-off
inventar_muutused_pv	Fixed asset changes
inventar_muutused_vv	Small asset changes
inv_klass	Asset classes
inv_reg_klass	Asset depreciation classes

document	name
kalendrimall	Calendar template
kampaania	Campaigns
kassaK	Correspondences
kassa_liikumine	Cash movements
kassain	Cash in
kassaT	Payment methods
kassaout	Cash out
user	Users
personal	Staff
kas_klass	User groups
keel	Languages
klient	Customers
klklassid	Customer classes
klient_inventuur	Customer inventory
kl_myyk	Customer sales
finkmmaa	VAT countries
kontakt	Contacts
asumaad	Countries
ladu_cn8	CN8 codes
hinnamuutus	Price changes
hinnamuutused_staatused	Price change statuses
hinnamuutused_tyybid	Price change types
inventuur	Inventories
kuluarvestus	Expense accounting
lahetus	Deliveries
ladu_lahetused_staatused	Delivery statuses
lahting	Warehouse delivery conditions
ladulah	Warehouse delivery methods
liikumine	Movements
maha	Write-offs
sissetulek	Receipts
tagastus	Returns
tehinguliigid	Transaction types
ladu_tellimus	Warehouse orders
ltell_staatused	Warehouse order statuses
ladu_tollikood	Customs codes
laod	Warehouse list
leping	Contracts
lepingu_staatused	Contract statuses
lepingu_tyybid	Contract types
lepklassid	Contract classes
ale_grupp	Discount groups
arve	Invoices
kassa_arve	Cash invoices
myygi_eelarve	Sales budgets

document	name
hinnavalem	Price formulas
laekumine	Receipts
tingimus	Payment terms
myygipaevad	Sales days
naitude_seosed	Reading connections
nousolekute_kanalid	Consent channels
nousolekute_liigid	Consent types
oarve	Purchase invoices
tasumine	Payments
osakond	Departments
oskused	Skills
ostpakkumine	Purchase offers
ostugrupid	Purchase groups
otellimus	Purchase orders
otell_staatused	Purchase order statuses
pakendi_klassid_aruanne	Package report classes
pakkumine	Offers
pakkumise_staatused	Offer statuses
pakkeyksuse_klassid	Package unit classes
pakkeyksus	Package units
pank	Banks
per_ajad	Work times
per_liigid	Time types
per_lisatasud	Salary additions
per_lopu_alus	Employment termination bases
maks_valem	Tax formulas
palk	Salary
palgagrupid	Salary groups
palk_valem	Salary formulas
per_pyhad	Holidays
per_tasu	Salary payments
periood	Periods
projekt	Projects
proj_stat	Project statuses
proj_tyyp	Project types
ressurs	Resources
retseptid	Recipe list
seeria	Series
seeriaFin	Financial series
seisaku_pohjused	Downtime reasons
sn_klassid	Serial number classes
statj	Statistical distribution
statk	Statistics locations
tagastuskood	Return codes
taitur	Executors

document	name
tegevusplaan	Activity plans
tellimus	Orders
tell_jargud	Order sequences
tell_staatused	Order statuses
tell_tyybid	Order types
toode_staatused	Production statuses
aru_toode_res	Product resource
tookeskuse_grupp	Workcenter group
tookeskused	Workcenters
tookeskuste_liinid	Workcenter lines
tr_params	Transport parameters
tr_dok	Document transport
uuringu_tyybid	Study types
uuring	Studies
valuuta	Currencies
yld_aadressid	Addresses
yld_aadressid_tyybid	Address types
lisavaljad	Extra fields
datatyyp	Extra data types
data_relation	Extra data relations
maakond	Counties
menetlus_mallid	Procedure templates
yld_otsing	General search
tegevus	Activities
tekstid	Texts

Error messages

type=”0” means success

type	description
0	Created
0	Updated (if document update feature is used)
0	Confirmed (if auto document confirmation is used)
2	Too secure location
3	Database is moved to a new server. Takes about 15 minutes
4	Database is closed - user count is zero
5	Unauthorized
6	Invalid user given
7	Invalid IP source given
8	Invalid xml given: …
9	Error on import: …
11	Duplicate
12	Missing document identifier
13	Missing customer code / Missing customer regno (if code is not used)

type	description
14	Update not allowed (if document is committed or has related documents)
17	Document insert failed
18	uniqueid field not found (needs to be set up correctly in transport parameters)
19	Removal of document not allowed
29	Not confirmed: ... (if auto document confirmation is used)
30	Created (creation of related document like customer, payment etc.)
30	Updated (update of related document like customer, payment etc.)
30	Confirmed (confirmed related document like payment etc.)
31	... not found (prerequisite of creation of related document like customer, payment etc. not met)
39	... not confirmed: ... (if auto document confirmation for related document is in use)
99	No processable XML data found for document: ...

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