Trivec Docs

Private: API object structure

Sales ticket

A sales ticket you can pull out of the database has 3 levels:

- Ticket: a sales ticket for one customer with one or more orders underneath it
  - Order: a collection of 0 or more ordered products and 0 or more payment lines
    - Lines: an ordered product
    - Payments: a payment line

Ticket

- PcNr/TicketNr: When a ticket is billed a unique TicketNr is assigned. This number is only unique within the pc where it's billed on. The PC used to bill the ticket is identified by the PcNr. An open ticket will always have a TicketNr of 0 (zero).
- TicketType: a ticket is always one of these types:
  - Normal: A normal VAT ticket
  - Training : A ticket made by a trainee
  - ProForma : A Temporary ticket or print
- Refund: when a ticket is refunded, a new negative ticket is created and linked to the original ticket
- Reopen: when a ticket is reopened, a new negative ticket is created and linked to the original ticket. On top of that, a copy of the original ticket is made and set to open. This ticket will eventually be billed again.

Field	Type	Description	Optional

Field	Type	Description	Optional
key	string	Unique Id that can be used as reference for future actions on this ticket.	n
accountClientNr	string	If the customer is known in the POS, this will contain the clientnr. Not guaranteed to be unique.	y
accountName	string	If the customer is known in the POS, this will contain the name	y
totalPrice	decimal	the total amount (incl vat) of the ticket	n
totalQuantity	decimal	the total product count of the ticket	n
totalToPay	decimal	the total amount that is still unpaid (incl vat) on the ticket	n
pcNr	byte	identifier of the pc the ticket was created on. unique within our clients local installation	n
name	string	ticket name	y
createDT	ISO 8601 date	date/time the ticket was started	n
billDT	ISO 8601 date	date/time the ticket was billed. Only present if the ticket was actually billed.	y
billedBy	User	user that billed the ticket. Only present if actually billed	y
billedByName	string	name of user who billed the ticket	y
ticketNr	int	ticket nr unique within a pc. only assigned if the ticket was billed.	y
seal	string	unique seal generated for fiscal law	y
reservationNr	string	nr associated with external integrations (PMS, …)	y
info	string	info set by customer or external integration	y
orders	array[Order]	collection of orders	n
createdBy	User	the user/waiter that has created the ticket	n
createdByName	string	name of the waiter	n

pc Field	Pc Type	the pc the ticket was created on Description	Optional
pcName	string	name of the pc	n
center	Center	the center/sublocation the ticket was created in	n
centerName	string	name of the center	n

user	User	the last waiter who has changed the ticket	n
userName	string	name of the last waiter who has changed the ticket	n
ticketType	byte	0 = Normal, 1 = Training, 2 = ProForma	n
deliveryDT	ISO 8601 date/time	if delivery ticket, the date/time the ticket needs to be delivered	y
deliveryType	byte	0 = None, 1 = Training, 2 = ProForma	y
refundKey	string	if the ticket has been refunded, this will contain the key of the negative ticket	y
refundForKey	string	if the ticket is a refund for another ticket, this will contain the key of the other ticket	y
reOpenForKey	string	if the ticket is a reopen of another ticket, this will contain the key of the other ticket	y

Order

Field	Type	Description	Optional
totalPrice	decimal	Total amount for this order, incl VAT	y
totalPayed	decimal	Total amount paid in this order	y
user	User	User who created the order	n
createDT	ISO 8601 date	Date/time the order was created	n
lines	array[OrderLine]	collection of products ordered	y
payments	array[PaymentLine]	collection of payments	y

OrderLine

Field	Type	Description	Optional
productKey	string	Unique Id of the product being ordered. Reference to a product from the product catalog	n
totalPriceIncVat	decimal	Total price including vat	n
totalPriceExVat	decimal	Total price including vat	n
totalVat	decimal	Vat	n
vatPercentage	decimal	Vat percentage (eg 6, 12, 21)	n
vatCode	byte	Vat code being used (low, medium, high,..)	n
pageKey	string	Unique Id of the page the product was ordered from	n
menuId	string	Unique string that groups together lines that were ordered within a menu. 3 lines with the same menuId were ordered in the same menu	y
productName	string	product name	n
memo	string	memo entered on the orderline	y
quantity	decimal	quantity ordered	n
price	decimal	price per unit	n
createDT	ISO 8601 date/time	date/time the line was ordered on	n

PaymentLine

Field	Type	Description	Optional
name	string	payment mode name	n

Field	Type	Description	Optional
totalPrice	decimal	total price inc vat	n
transactionId	string	stored transaction id that came back from payment terminal	y
transactionError	string	transaction error, if one happened	y

memo	string	memo set on payment line	y
quantity	decimal	quantity or payment line	n
price	decimal	unit price	n
createDT	ISO 8601 date/time	date/time the payment line was added	n

Product groups

Our product and paymodes are divided into groups.

Nested set model

These groups are organised using a nested set model. This means that every group has a **LeftNr** and a **RightNr**. To give you an example:

Name	LeftNr	RightNr
Products	1	10
-Drinks	2	3
-Food	4	9
–Burgers	5	6
–Salads	7	8

Nested set model

As you can see, the root level group is **Products**. Underneath is a group **Drinks** and a group **Food**. Underneath food is **Burgers** and **Salads**.

You can look here https://en.wikipedia.org/wiki/Nested_set_model for the logic behind the numbering of the leftnr and rightnr .

Product group

Field	Type	Description	Optional
key	string	Unique id	n
name	string	Group name	n
groupNr	int	Group nr	n
data	string	Extra group data	y
color	Color	color	n
groupLevel	int	Indicates the level, root = 1	n
leftNr	int	leftnr of nested set level (see above)	n
rightNr	int	rightnr of nestes set level (see above)	n

Products

Our product catalog can be accessed through the api as well.

Field	Type	Description	Optional
key	string	Unique id	n
groupKey	string	unique id that refers to the product group	n
prodNr	int	product nr. not guaranteed to be unique	n
name	string	product name	n
shortName	string	short product name, used to show on buttons	n
displayName	string	translated friendly product name	y

Field	Type	Description	Optional
imageUrl	string	url to the product image	y
prepName	string	name that should appear on the prep ticket	y
preparationInfo	string	additional info for prep ticket	y
info	string	product description	y

allowDiscount	bool	whether or not discount is allowed on the product	n
color	Color	product color	n
price	decimal	unit price, including vat	n
printX	byte	number of times this product should be printed	n
printAddons	bool	whether or not addons should be printed	n
prepPrintAddons	bool	whether or not addons should be printed on the prep ticket	n

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Article Attachments

.ZIP DTOs