



ZSAPI

Structure of Entities

API Version: 3

Database Version: >=2024

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Entities ZSAPI

Addresses - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
cliente	NO 0	integer	Client ID
tipo	NO 0	integer	Type of address 0 - Other * 1 - Invoice 2 - Delivery
morada	YES null	string(255)	Address
codpostal4	YES null	string(4)	Postal Code 4 digits "0000"
codpostal3	YES null	string(3)	Postal Code 3 digits "000"
localidade	YES null	string(255)	City
telefone	YES null	string(10)	Telephone
fax	YES null	string(10)	Fax
telemovel	YES null	string(10)	Mobile
nome_contacto	YES null	string(255)	Name of person to contact

ATResponse - v1.3

Attribute	Null Default	Tipo	Description
ATResponseCode	No 0	integer	Response Code returned by the Portuguese tax authority or one the ZSAPI's internal error codes. See table below.
ATDocCodeID	NO 0	string	Document code by the Portuguese tax authority - if communication was successful.

List of internal codes generated by ZSAPI

Código	Description
-1001	The Document was successfully communicated to the Portuguese tax authority, but an error occurred while writing to the database. The document should be re-submitted to ZSAPI using the method Documents::saveInstances . Field ATResponse.ATDocCodeID is filled in with the code returned by Portuguese tax authority.
-1002	There was a communication error with the Portuguese tax authority service. The document was not reported. Document not saved to database The document may be resubmitted.
-1004	The AT communication settings are not set for the store in use. The document was not reported. The document was not saved to the database.

Breaks - v2.8

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
idcx	YES NULL	integer	Breaks ID
data	NO	date	Date
datahora	NO	datetime	The datetime instance was saved
mesa	YES NULL	integer	Table number
empid	YES NULL	integer	Operator ID
codigo	YES NULL	integer	ID
qtd	YES NULL	decimal(19,4)	Quantity
valor	YES NULL	decimal(19,4)	Value
motivo	YES NULL	integer	Reasons for status
motivodesc	YES NULL	string(50)	Description of the Reasons for the status
armazem	YES NULL	integer	Warehouse ID

posto	NO	integer	POS ID
precompra	YES NULL	decimal(19,4)	Purchase price
precovenda	YES NULL	decimal(19,4)	Price
lastupdate	NO	datetime	Instance's last update timestamp

Characteristic - v2.0

Attribute	Null Default	Tipo	Description
id	NO	integer	ID
valor	NO	string(100)	Description
ativo	NO 1	integer	State that defines whether or not the feature is active 0 - Inactive 1 - Active *
caracteristicas_valor	YES	array	Array of instances of <u>characteristicValue</u>

CharacteristicValue - v1.0

Attribute	Null Default	Tipo	Description
id_caracteristica	NO	integer	Characteristic ID
id	NO	integer	ID
valor	NO	string(100)	Value

Card - v2.0

Attribute	Null Default	Tipo	Description
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loja	NO	integer	Store ID
numero	NO	integer	ID
cliente	YES 0	integer	Client ID
saldo	YES	decimal(19,4)	Balance
estado	YES 0	integer	Status
motivo	YES	text	Reasons for status
data	YES	date	Date
prepago	YES 0	integer	Card type: 0 - Normal * 1 - Prepaid
minimo	YES	decimal(19,4)	Minimum value
mingrupo	YES	decimal(19,4)	Minimum value for a group
maximo	YES	decimal(19,4)	Maximum value
maxgrupo	YES	decimal(19,4)	Maximum value for a group
zona	YES 0	integer	Zone
serie	YES 0	integer	Serie
perfil	YES 0	integer	Profile
creditos	YES 0	integer	Credits
gravacao	YES	string(255)	Recording
maxcredito	YES	decimal(19,4)	Maximum Credit
lastupdate	NO	datetime	Instance's last update timestamp

Cardseries - v2.0

Attribute	Null Default	Tipo	Description
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codigo	NO	integer	ID
descricao	NO	string(50)	Description
saldoexpira	NO 0	integer	Valid if the balance expires: 0 - No * 1 - Yes
minimo	YES	decimal(19,4)	Minimum value
maximo	YES	decimal(19,4)	Maximum value
tipo	YES 0	integer	Card Type: 0 - Normal * 1 - Prepaid 2 - Table 3 - Staff 4 - VIP
autoprod	YES 0	integer	Product code to be automatically released when the card is opened
restricted	YES 0	integer	Reserved 0 - No * 1 - Yes
carregamento	YES 0	integer	Prepaid card 0 - No * 1 - Yes
valorcarregamento	YES	decimal(19,4)	Charged Amount
tipopagamento	YES 1	integer	Payment Type
lastupdate	YES NULL	datetime	Instance's last update timestamp

Cashflowmotive - v2.5

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(100)	Description
tipo	NO 0	integer	Types of motive

sync	NO 0	integer	Client type
cod_externo	YES NULL	string(20)	External codigo
categoria	YES NULL	integer	Category of motive

Cashoutflows - v2.5

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
caixa	NO	integer	Teller ID
data	YES NULL	datetime	Date
valor	YES NULL	decimal(19,4)	Value
descricao	YES NULL	string(250)	Description
empid	YES NULL	integer	Operator ID
empnome	YES NULL	string(50)	Operator name
datahora	NO	datetime	The datetime instance was saved
idcx	YES 0	integer	Cashoutflows ID
numero	YES 0	Integer	Cashoutflows number
doc	YES “	string(10)	Document type
serie	YES “	string(20)	Document serie
produto	YES 0	integer	Product ID
codigo_motivo	YES NULL	integer	Reason for the move
lastupdate	NO	datetime	Instance's last update timestamp

Category - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
loja	NO	integer	Store ID
subcategories	NO	array	Instances of the Subcategory entity that belong to the Category instance.
lastupdate	NO	datetime	Instance's last update timestamp

Client - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
nome	NO	string(50)	Name
datacriacao	NO	datetime	Date time the instance was created
bloqueado	NO 0	integer	Client blocked 0 - No * 1 - Yes
morada	YES NULL	string(250)	Address
codpostal	YES NULL	string(20)	Postal Code "0000"
codpostal1	YES NULL	string(20)	Postal Code "000"
localidade	YES NULL	string(50)	City
telefone	YES NULL	string(50)	Telephone
fax	YES NULL	string(50)	Fax

telemovel	YES NULL	string(50)	Mobile
email	YES NULL	string(50)	Email
web	YES NULL	string(50)	website
obs	YES NULL	string(250)	Comments
contribuinte	YES NULL	string(15)	VAT number
limitecredito	YES NULL	decimal(19,4)	Credit limit
desconto	YES NULL	decimal(19,4)	Discount Percentage
foto	YES NULL	string base64encoded	Picture
mododesconto	YES 0	integer	Discount mode (see table below)
datanascimento	YES NULL	date	Birthdate
nomecontacto	YES NULL	string(50)	Contact name
rfid	YES NULL	string(50)	RFID
matriculas	YES “	string(1024)	Enrollment
isento	YES 0	integer	Tax exemption code
motivo	YES “”	string(10)	Tax exemption description
retencao	YES 0	integer	Does withholding tax: 0 - No * 1 - Yes
lastupdate	YES NULL	datetime	Instance's last update timestamp
sujeitopassivo	YES 0	integer	Indicates whether the client is a taxable person 0 - No * 1 - Yes
ivacaixa	YES 0	integer	Indicates whether the client has ivacaixa (Portuguese Tax Authority) 0 - No * 1 - Yes
ivacaixainicio	YES NULL	date	Date ivacaixa initiated

ivacaixafim	YES NULL	date	Date ivacaixa ended
percentagemretencao	YES "0.0000"	decimal(19,4)	Percentage withholding tax
pais	YES "PT"	string(4)	Country Code
addresses	NO	array	Instances of the Addresses entity that belong to the Customers instance. Example: { "codigo":1,"cliente":1,"morada": "Rua X", "codpostal4":0000,"codpostal3":000,"localidade": "XYZ", "telefone":123456789,"fax":123456789,"telemovel":123456789,"nome_conta": "abcdef", "tipo":0 } No tipo os valores válidos são: 0 - Outra * 1 - Faturação 2 - Transporte

Discount modes

Código	Description
0	Fixed discount on sale *
1	First registration discount
2	Sale price1 on First registration
3	Sale price2on First registration
4	Sale price3 on First registration
5	Sale price4 on First registration
6	Sale price5 on First registration
7	Sale price1 on all registrations
8	Sale price2 on all registrations
9	Sale price3 on all registrations
10	Sale price4 on all registrations
11	Sale price5 on all registrations

CounterBalance - v1.3

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
docNum	NO	integer	Document Number that identifies this Counterbalance
docType	NO	string	Document Type that identifies this Counterbalance
docSerie	NO	string(20)	Document Series that identifies this Counterbalance
valor	NO	decimal(19,4)	Amount
data	NO	date	Date

Couvert - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
peessoas	NO 0	integer	Number of people per quantity
qtd	NO 0	integer	Quantity of couverts to launch for Number of people
lastupdate	YES NULL	datetime	Instance's last update timestamp
couvertzones	YES NULL	array	Array of instances CouvertZone

Couvertzone - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	Couvert ID
zona	NO	integer	Zone ID

Document - v2.5

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID.
Número	NO	integer	Document number
doc	NO	string(10)	Document type
serie	NO	string(20)	Document serie
hash	NO NULL	string(255)	Document hash
data	NO	date	Date
cliente	YES NULL	integer	Client ID
nome	YES NULL	string(50)	Client name
liquido	YES NULL	decimal(19,4)	Net value
total	YES NULL	decimal(19,4)	Gross value
anulado	YES 0	integer	Status 0 - Not nullified * 1 - Nullified
emp	YES NULL	integer	Operator ID
pago	YES 1	integer	Payment status 0 - Not payed 1 - Payed *
datapag	YES NULL	date	Payment date
tipo	YES 0	integer	Value varies for each document type
pagamento	YES NULL	integer	Payment type ID
datahora	YES NULL	datetime	document's Datetime
deve	YES NULL	decimal(19,4)	Value in debt
idcx	YES NULL	integer	Salesession ID
mesa	YES 0	integer	Registered from [0... 1000] - Tables

			[1001... 1100] - Balconies [1101... 2000] - Spaces > 2000 - Cards
contribuinte	YES NULL	string(20)	Client VAT number
morada	YES NULL	string(1024)	Client Address
descricao	YES NULL	string(1024)	Description
levantamento	YES NULL	datetime	Pickup date
dataentrega	YES NULL	datetime	Delivery date
telefone	YES NULL	string(50)	Telephone
hashcontrol	YES 0	integer	
carga	YES NULL	string(255)	Loading address
datacarga	YES NULL	date	Loading date
horacarga	YES NULL	time	Loading Hour
descarga	YES NULL	string(255)	Unloading address
datadescarga	YES NULL	date	Unloading date
horadescarga	YES NULL	time	Unloading hour
viatura	YES NULL	string(20)	Vehicle License plate
peso	YES NULL	string(10)	Weight of goods
ljorigem	YES 0	integer	Origin Store ID (some documents)
armorigem	YES 0	integer	Origin Warehouse ID (some documents)
ljdestino	YES 0	integer	Destination Store ID (some documents)
armdestino	YES 0	integer	Destination Warehouse ID (some documents)
empanulado	YES NULL	integer	Operator ID that nullified the document
descanulado	YES NULL	string(1024)	Reason why document was nullified
data_alteracao	YES NULL	datetime	Date at which the document was modified

descarga_localidade	YES NULL	string(45)	Unloading city
descarga_distrito	YES NULL	string(45)	Unloading province
descarga_codigo_postal	YES NULL	string(45)	Unloading postal code
carga_localidade	YES NULL	string(45)	Loading city
carga_codigo_postal	YES NULL	string(45)	Loading Postal Code
carga_distrito	YES NULL	string(45)	Loading district da carga
ATDocCodeID	YES ""	string(200)	
ATDocCodeSource	YES ""	string(2)	
motivo_isencao	YES ""	string(255)	Tax exemption reason description
isencao	YES ""	string(5)	Exemption reason ID
vendas	YES NULL	Array	Array of instances of <u>sales</u>
documentos_pagamento	YES NULL	Array	Array of instances of <u>paymentDoc</u>
documentos_info	YES NULL	Array	Array of instances of <u>infoDoc</u>
compensacoes	YES NULL	Array	Array of instances of <u>counterbalance</u>
lastupdate	YES NULL	datetime	Instance's last update timestamp
dpercent	YES NULL	decimal(19,4)	Percent Discount
descontos	YES NULL	decimal(19,4)	Discount in currency
ivaincluido	YES 0	integer	Included Taxes 0 - No * 1- Yes
docforn	YES NULL	string(50)	Supplier's Document Number
numpag	YES NULL	string(50)	Number of the payment document
liqorigem	YES NULL	string(5)	Origin of Settlement S - Online L - Local
dataDoc	YES NULL	date	Document Settlement Date

dataPagamento	YES NULL	date	Payment deadline
diasPagamento	YES NULL	integer	Days for payment
arredondamento	YES NULL	decimal(9,4)	Rounding of the document total
Comments	YES NULL	string	Notes to the document
CashVATScheme	YES 0	integer	Document under the Cash Regime 0 - No * 1 - Yes
latitude	YES NULL	string(25)	Coordinate for latitude
longitude	YES NULL	string(25)	Coordinate for longitude
hashcontrol2	YES NULL	string(25)	Identification field of the Number and the version of the certification of the software that produced the document, when it originated in other certified software, external to ZoneSoft, and needs to be integrated into ZoneSoft certified software. Must have the standard required by AT legislation: '000.1'. This field is obligatory when the document is communicated in the SAFT, documents of the type: 'TK', 'VD', 'FA', 'FS', 'FT', 'GT', 'GR', 'TA', 'GD', 'CM', 'RC'

For documents of the type 'VD' and 'FT' the following fields are mandatory:

Attribute	Null Default	Tipo	Description
doc	NO	string(10)	Document type
cliente	NO	integer	Client ID
pagamento	NO	integer	Payment type ID
ivaincluido	NO	integer	Included Taxes 0 - No * 1- Yes
vendas	NO	array	Array of instances of <u>sales</u>
fornecedor	NO	integer	Supplier ID

For documents of the type 'EC' the following fields are mandatory:

Attribute	Null Default	Tipo	Description
doc	NO	string(10)	Document type
cliente	NO	integer	Client ID
pagamento	NO	integer	Payment type ID
ivaincluido	NO	integer	Included Taxes 0 - No * 1- Yes
vendas	NO	array	Array of instances of <u>sales</u>

For documents of the type 'TA' the following fields are mandatory:

Attribute	Null Default	Tipo	Description
doc	NO	string(10)	Document type
cliente	NO	integer	Client ID
vendas	NO	array	Array of instances of <u>sales</u>
armorigem	NO	integer	Warehouse ID of origin
ardestino	NO	integer	Warehouse ID of destination
ljdestino	NO	integer	Store ID of destination

datacarga	NO	date	Loading date
horacarga	NO	time	Loading Hour
datadescarga	NO	date	Unloading date
horadescarga	NO	time	Unloading hour
carga	NO	string(255)	Loading address
carga_codigo_postal	NO	string(45)	Loading Postal Code
carga_localidade	NO	string(45)	Loading city
descarga	NO	string(255)	Unloading address
descarga_codigo_postal	NO	string(45)	Unloading Postal Code
descarga_localidade	NO	string(45)	Unloading city
armorigem	NO	integer	Origin Warehouse ID
armdestino	NO	integer	Warehouse ID of destination

Delivery - v2.1

Attribute	Null Default	Tipo	Description
contacto	YES NULL	string(50)	Phone number
dataentrega	NO	datetime	Delivery date and time
morada	NO	string(1024)	Delivery address
obs	YES NULL	string(256)	Observations
lastupdate	YES NULL	datetime	Instance's last update timestamp

Exemptionreason - v2.0

Attribute	Null Default	Tipo	Description
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codigo	NO	string(5)	ID (ex: M01)
descricao	NO	string(255)	Description
norma	NO	string(255)	Motive's Legislative regulation
lastupdate	YES NULL	datetime	Instance's last update timestamp

Family - v1.2

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
frontoffice	YES 1	integer	Visible in frontoffice 0 - No 1 - Yes *
posicaofront	YES 0	integer	Position in frontoffice
posicaoprint	YES 0	integer	Position in printout
fundo	YES "#808080"	string(10)	Background color (HTML color code)
letra	YES "#FFFFFF"	string(10)	Color for the letter (HTML color code)
tipo	NO 0	integer	Type of family 0 - Beverage * 1 - Food
subfamilies	NO	array	Instances of the SubFamily entity that belong to the Family instance
lastupdate	YES NULL	datetime	Instance's last update timestamp

Group - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
comentauto	YES 0	integer	Automatic comments 0 - No * 1 - Yes
lastupdate	YES NULL	datetime	Instance's last update timestamp

Happyhour - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
inicio	NO	time(HH:mm:ss)	Start Time
fim	NO	time(HH:mm:ss)	End time
dom	NO 0	integer	Happyhour is active on Sundays: 0 - No * 1 - Yes
seg	NO 0	integer	Happyhour is active on Mondays: 0 - No * 1 - Yes
ter	NO 0	integer	Happyhour is active on Tuesdays: 0 - No * 1 - Yes
qua	NO 0	integer	Happyhour is active on Wednesdays: 0 - No * 1 - Yes
qui	NO 0	integer	Happyhour is active on Thursdays: 0 - No * 1 - Yes
sex	NO 0	integer	Happyhour is active on Fridays: 0 - No *

			1 - Yes
sab	NO 0	integer	Happyhour is active on Saturdays: 0 - No * 1 - Yes
fer	NO 0	integer	Happyhour is active on holidays: 0 - No * 1 - Yes
lastupdate	YES NULL	datetime	Instance's last update timestamp

Movements- v2.3

Attribute	Null Default	Tipo	Description
id	NO	integer	Movements ID
loja	NO	integer	Store ID
cartao	NO NULL	integer	Customer card number used for payment
codigo	NO NULL	integer	ID
pos	NO NULL	integer	POS ID
emp	NO NULL	integer	Operator ID
nome	NO NULL	string(50)	Name
data	NO NULL	data	Date
datahora	NO NULL	datetime	The datetime instance was saved
valor	NO NULL	decimal(19,4)	Value
descricao	NO NULL	string(255)	Description
qtd	NO NULL	decimal(19,4)	Existing product quantity affects this bar code
serie	NO NULL	integer	Serie
sync	NO NULL	integer	Movement Synchronized

codprom	NO NULL	integer	Promotion ID
processado	NO NULL	integer	Movement Processed
lastupdate	YES NULL	datetime	Instance's last update timestamp
id_loja	NO	integer	Store ID

Operator - v2.0

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
codigo	NO	integer	ID
nome	NO	string(50)	Name
datacriacao	NO	datetime	Date on which registration was created
gestaocaixa	NO 0	integer	Can manage the teller 0 - Can not open or close * 1 - Full control 2 - Just open and close
frontoffice	NO 0	integer	Types of operations 0 - Point, Internal Consumption and Frontoffice * 1 - Point Only and Internal Consumption
password	YES ""	string(50)	Employee Password (MD5)
foto	YES NULL	string base64encoded	Picture
bloqueado	YES 0	integer	Blocked 0 - No * 1 - Yes
obs	YES	string(250)	Comments
identificação	YES	string(50)	Identification document number
telefone	YES	string(50)	Telephone

email	YES	string(255)	Email
demissao	YES	datetime	Date of dismissal
cor	YES "#000000"	string(10)	Registered line color (HTML color)
lastupdate	YES NULL	datetime	Instance's last update timestamp
postos	NO	array	Array of JSON objects with information about the sales points that the Operator has access to. Example: [{"codigo":1,"descricao":"Sale point description"}]
zonas	NO	array	Array of JSON objects with information about the zones that the Operator has access to. Example: [{"codigo":1,"descricao":"descrição Zone"}]
cashe	YES NULL	decimal(19,4)	Operator Cache
comissao	YES NULL	decimal(19,4)	Percentage to calculate commission
limite_ci_dia	YES NULL	decimal(19,4)	Limit daily internal consumption
limite_ci_doc	YES NULL	decimal(19,4)	Internal consumption limit per document
permissoes	NO	array	Array of JSON objects with the information regarding the permissions that the Operator has. Example: [{"loja":1,"operador":1,"permissao":1}]
transparente	YES 0	integer	Activate the color on the consumption line: 0 - No * 1 - Yes

Option - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description

grupo	NO	integer	Group ID
lastupdate	YES NULL	datetime	Instance's last update timestamp

PaymentDoc - v1.2

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
numero	No	integer	Document number
doc	NO	string(2)	Document type
tipo	NO	integer	Type of payment (See Table)
valor	NO	decimal(19,4)	Amount of payment partial
cartao	NO 0	integer	Customer card number used for payment
serie	NO "	string(20)	Document serie

Nota: Quando o tipo está a 0 tem o valor total do documento.

PaymentOptions - v2.0

Attribute	Null Default	Tipo	Description
id	NO	integer	ID
descricao	YES NULL	string(50)	Description
dias	YES NULL	string(2)	Days for payment

PaymentType - v2.11

Attribute	Null Default	Tipo	Description
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codigo	NO	integer	ID
descricao	NO	string	Description
bill	YES 1	integer	Present in 'show account'
sale	YES 1	integer	Sale
depositar	YES 0	integer	Present on the deposit slip
comissao	NO	decimal(19,4)	Percentage value of the commission to apply
financeiro	NO	integer	Available for FF 0 - No 1 - Yes
editavel	NO	integer	Available for edit 0 - No 1 - Yes
lastupdate	YES NULL	datetime	Instance's last update timestamp

Product - v2.8

Attribute	Null Default	Tipo	Description
loja	NO 0	integer	Store ID
codigo	NO 0	integer	ID
descricao	NO ""	string(50)	Description
familia	NO 0	integer	Family ID
subfam	NO 0	integer	Subfamily ID
unidade	NO 0	integer	Unit ID
iva	NO 0	decimal	Tax
fornecedor	YES 0	integer	Supplier ID
foto	YES ""	string base64encoded	Picture

precocompra	YES 0	decimal	Purchase price
dataultcompra	YES 0	date	Date of last purchase
ultprecocompra	YES 0	decimal	Last purchase price
datacriacao	NO NOW()	date	Creation Date
obs	YES ""	string(250)	Comments
retalho	NO 0	integer	Available for sale: 0 - No * 1 - Yes
ultprecovenda	YES 0	decimal	Last sale price
topo	YES 0	integer	Active Bestsellers: 0 - No * 1 - Yes
cozinha	YES 0	integer	Code Center Production: 0 deactivated
grupo	YES 0	integer	Comment group ID
referencia	YES 0	string(50)	Reference
ivacompra	YES 0	decimal	Purchase tax
balanca	YES 0	integer	Sold to weight: 0 - No * 1 - Yes
qtdstock	YES 0	decimal	Quantity to be withdrawn from stock
stocks	YES 0	integer	Stock activ: 0 - No * 1 - Yes
meiadose	YES 0	integer	Half-dose active: 0 - No * 1 - Yes
qtdmeia	YES 0	decimal	Amount of half-dose
ordemtop	YES 0	integer	Order in the best sellers
ordem	YES 0	integer	Order in families
ordemlocal	YES 0	integer	Priority in searches

listseparado	YES 0	integer	Separate list in orders
codbarras	YES 0	string(20)	Main barcode
armazem	YES 0	integer	Warehouse ID
tempoprep	YES 0	time	Preparation time
maxopcoes	YES 0	integer	Maximum number of extras
iva2	YES 0	decimal	Second sales tax
tara	YES 0	decimal	Product tare
prepagamento	YES 0	integer	Active prepayment: 0 - No * 1 - Yes
fundo	NO "#808080"	string(10)	Background color (HTML color)
letra	NO "#FFFFFF"	string(10)	Font color (HTML color)
descricaoocurta	YES ""	string(50)	Short Description
margembruta	YES 0	decimal	Gross product gross margin
codigopp	YES 0	integer	PLU
consumominimo	YES 0	integer	Exclude from minimum consumption
vendersemstock	NO 0	integer	Enable to sell without stock: 0 - No * 1 - Yes
dosedesc	YES ""	string(50)	Description for Dose
meiadosedesc	YES ""	string(50)	Description for Half-Dose
categoria	YES 0	integer	Merchandise Category
subcategoria	YES 0	integer	Subcategory Merchandise
isencao	YES 0	string(20)	Tax Exemption reason ID
precovenda	YES 0	decimal	Sale price 1
precomeia	YES 0	decimal	Sale price Half-dose 1

revenda	YES 0	integer	Enable resale: 0 - No * 1 - Yes
precorevenda	YES 0	decimal	Resale price
ivarevenda	YES 0	decimal	Resale VAT
autoquebra	YES 0	integer	Enable auto break at the end of the day: 0 - No * 1 - Yes
pvp2	YES 0	decimal	Sale price 2
pvp3	YES 0	decimal	Sale price 3
pvp4	YES 0	decimal	Sale price 4
pvp5	YES 0	decimal	Sale price 5
pvp6	YES 0	decimal	Sale price 6
pvp7	YES 0	decimal	Sale price 7
pvp8	YES 0	decimal	Sale price 8
pvp9	YES 0	decimal	Sale price 9
pvp10	YES 0	decimal	Sale price 10
pvpmeia2	YES 0	decimal	Sale price Half-dose 2
pvpmeia3	YES 0	decimal	Sale price Half-dose 3
pvpmeia4	YES 0	decimal	Sale price Half-dose 4
pvpmeia5	YES 0	decimal	Sale price Half-dose 5
pvpmeia6	YES 0	decimal	Sale price Half-dose 6
pvpmeia7	YES 0	decimal	Sale price Half-dose 7
pvpmeia8	YES 0	decimal	Sale price Half-dose 8
pvpmeia9	YES 0	decimal	Sale price Half-dose 9
pvpmeia10	YES 0	decimal	Sale price Half-dose 10
precominimo	YES 0	decimal	Minimum sale price

excluidescontos	YES 0	integer	Disallow product from any discount
restricted	YES 0	integer	Product can only be sold to people over 18
retencao	YES 0	integer	Product makes withholding tax
percentagemretencao	YES 0.00	decimal	Percentage of retention
codigosbarras	YES ""	string	String with all product bar codes separated by commas (,) - except for the barcode in the codbarras property if it exists.
lastupdate	YES NULL	datetime	Instance's last update timestamp
caracteristicas	YES NULL	Array	Array of instances of ProductCharacteristic
produtos_codigosbarras	YES NULL	Array	Array of instances of ProductBarcode .
produtos_propriedades	YES NULL	Array	Array of instances of ProductProperties
produtoscentrosprod	YES NULL	Array	Array of instances of Produtoscentrosprod
famlojasanalogas	YES NULL	Array	Array of instances of Famlojasanalogas

Note: **codigosbarras** contains partial information (barcodes only) of **produtos_codigosbarras**. When saving, whenever **produtos_codigosbarras** Array, even if empty, this value takes precedence over the values of **codigosbarras**.

Note: **produtos_propriedades** and **caracteristicas** are mutually exclusive: A product CANNOT have both **produtos_propriedades** and **caracteristicas**. If a Product has **produtos_propriedades** then **caracteristicas** MUST BE null. If a Product has **caracteristicas** then **produtos_propriedades** MUST BE null.

ProductBarcode - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	Product ID
codbarras	NO	string(50)	bar code
qtd	YES	decimal(19,4)	Existing product quantity affects this bar code

ProductCharacteristic - v2.0

Attribute	Null Default	Tipo	Description
produto	NO 0	integer	Product ID
uid	NO 0	integer	ID - Code that identifies the combination of values of various characteristics in a product.
descricao	YES "	string(500)	Description -read only; this value is not written to the database.
variacao_preco_venda	NO 0.00	decimal	Variation in sales price that the combination of characteristic values will have on the product.
preco_compra	NO 0.00	decimal	Purchase price
codigo_barras	YES "	string(100)	bar code of the combination of characteristics + product values
estado	NO 1	integer	A state that defines whether the combination of characteristic values is active or inactive for the product 0 - Inactive 1 - Active *
valores	NO NULL	Array	Array of instances of ProductCharacteristicsValue

ProductCharacteristicsValue - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
valor	NO	string(100)	Characteristic Value. For example: 'xxl'
estado	NO 1	integer	State that defines whether the value is active for the characteristic 0 - Inactive 1 - Active *

codigo_caracteristica	NO	integer	ID of the characteristic to which this value belongs
descricao_caracteristica	NO	string(100)	Description of the characteristic to which this value belongs

ProductProperty - v2.4

Attribute	Null Default	Tipo	Description
cod_produto	NO	integer	Product ID
cod_propriedade	NO	integer	Property ID
uid	NO	integer	Property ID - alias of cod_propriedade
estado	NO 1	integer	Status for the product + property relation. 0 - inactive/disabled 1 - active/enabled *

Productioncentre - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
lastupdate	YES NULL	datetime	Instance's last update timestamp

ProductStock - v2.1 - Read only entity

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID

armazem	NO 0	integer	Warehouse ID
produto	NO	integer	Product ID
stock	NO 0	decimal	Quantity in stock
stkmin	NO 0	decimal	Minimum stock quantity
stkmax	NO 0	decimal	Maximum stock quantity
data	YES	date	Request Date
Store	YES ""	Store	An instance of the Store entity. It is used only in Responses to Requests of ProductStocks::getCurrentStockInStores .
uid_caracteristica	NO 0	integer	Characteristics combo ID
stock_uninventario	NO 0	decimal	Quantity in stock in Inventory unit
stock_uncompra	NO 0	decimal	Quantity in stock in Buying unit

Productstockmovement - v2.1 - Read only entity

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
id	NO	integr	Movement ID
armazem	NO 0	integer	Warehouse ID
produto	NO	integer	Product ID
descricao	NO	string	Product description (includes characteristics values if any)
qtd	NO 0	decimal	Quantity moved
doc	NO	string	Documents' ID
serie	NO	string	Document's serie
numero	NO	string	Document's number

datahora	NO	datetime	Date time the movement occurred
uid_caracteristica	NO 0	integer	Characteristics combo ID

Property - v2.4

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
id	NO 0	integer	Property ID
nome	NO	string	The property description
compra	NO 0	integer	Sets how the property value will be handled for a product when a supplier document is issued on our softwares: 0 - Does not apply * 1 - Optional 2 - Mandatory
ativo	NO 1	integer	Sets the property status: 0 - Inactive/disabled 1 - Active/enabled *
ordenacao	NO "nofx"	string	Defines the priority for the property values upon selling: nofx - No effect/ignore * fifo - First In - First Out lifo - Last In - First Out
tipo_dados	NO "string"	string	Data type for the values for the property: string - text value * date - date value datetime - datetime value numeric - numbers These values affects how the field will be rendered on apps' forms.
valores_multiplos	NO 0	integer	Flag that identifies if property should accept multiple values when buying/selling
venda	NO 0	integer	Sets how the property value will be handled for a product when an invoice document is issued on our softwares: 0 - Does not apply *

			1 - Optional - will force <i>property.compra</i> = 0 2 - Mandatory
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Note: If *property.venda* = 1 the API will forcibly set *property.compra* = 0.

ReasonBreak - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
reposicao	YES 0	integer	Refund: 0 - No * 1 - Yes
lastupdate	NO	datetime	Instance's last update timestamp

Sale - v2.0

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
numero	NO	integer	Document number
doc	NO	string(10)	Document type
data	NO	date	Date
datahora	NO	datetime	Date/time of product sales
id	YES 0	integer	ID (sequential)
codigo	YES NULL	integer	Product ID
descricao	YES NULL	string(50)	Product Description
iva	YES NULL	decimal	VAT Tax

qtd	YES 0	decimal(19,4)	Quantity
punit	YES NULL	decimal(19,4)	Unit price of the product
valor	YES NULL	decimal(19,4)	Net total
desconto	YES NULL	decimal(19,4)	Discount Value
desconto2	YES NULL	decimal(19,4)	Discount Value 2
total	YES NULL	decimal(19,4)	Total of product sales
posto	YES 0	integer	POS ID
empid	YES 0	integer	Operator ID
armazem	YES 0	integer	Warehouse ID
qtdstock	YES 1.00	decimal(19,4)	Quantity to be withdrawn from stock
prodstock	YES 0	integer	Product ID
contribuinte	YES NULL	string(20)	Client VAT number
origem	YES 0	integer	Origin of consumption (tables or cards)
codprom	YES NULL	integer	Promotion ID
serie	NO NULL	string(20)	Document serie
lote	NO NULL	string(255)	Product Lot
desperdicio	YES NULL	decimal	Quantity of waste
ljorigem	YES NULL	integer	Store ID of origin
armorigem	YES NULL	integer	Warehouse ID of origin
ljdestino	YES NULL	integer	Store ID of destination
armdestino	YES NULL	integer	Warehouse ID of destination
unidade	YES 0	integer	Unit ID
motivo_isencao	YES NULL	string(255)	Description of the exemption reason
isencao	NO "	string(5)	Exemption reason ID

descform	NO “	string(50)	Supplier Description
referencia	NO “	string(50)	Reference
refform	NO “	string(50)	Supplier reference
ddoc	NO 0	decimal(9,4)	Discount document
dpercent	NO 0	decimal(9,4)	Percent Discount
dvalor	NO 0	decimal(9,4)	Discount on value
dextenso	NO 0	decimal(9,4)	Extensive discount
obs	NO “	string	Comments
pvp	NO 0	decimal(9,4)	Sale price
validade	NO	date	Expiration date
qtdunidades	NO	decimal(9,4)	Product of (Quantity * conversion factor)
PrecoLiquido	NO 0	decimal(9,4)	Net price
uid_caracteristica	NO 0	integer	Characteristics combo ID

SalesDay - v2.0

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
data	NO	date	Teller Date
caixa	NO	integer	Teller ID
Open	NO 0	integer	Day of Sale status 0 - Open * 1 - Closed
dataopen	NO	datetime	Opening date/time
opencx	YES NULL	varchar(50)	Opening Operator ID

dataclose	YES NULL	datetime	Closing date/time
closecx	YES NULL	varchar(50)	Closing Operator ID
saidascx	YES NULL	decimal(19,4)	Cash Outflows
vd	YES NULL	decimal(19,4)	Amount in VD 'Venda a Dinheiro'
tk	YES NULL	decimal(19,4)	Amount in TK 'Tickets'
cc	YES NULL	decimal(19,4)	Amount in credit invoices
ci	YES NULL	decimal(19,4)	Amount in intern consumption
nc	YES NULL	decimal(19,4)	Amount in credit notes
rc	YES NULL	decimal(19,4)	Amount in receipts
ad	YES NULL	decimal(19,4)	Amount in down payments
movimento	YES NULL	decimal(19,4)	Cash movement ammount
num	YES NULL	decimal(19,4)	Amount in cash
chq	YES NULL	decimal(19,4)	Amount in checks
deb	YES NULL	decimal(19,4)	Amount in debit cards
crd	YES NULL	decimal(19,4)	Amount in credit cards
entradascx	YES NULL	decimal(19,4)	Cash incoming
enc	YES NULL	decimal(19,4)	Amount in orders
adi	YES NULL	decimal(19,4)	Amount in down payments
cartoes	YES NULL	decimal(19,4)	Amount paid on customer card
etk	YES NULL	decimal(19,4)	Amount paid on Euroticket
comissaomb	YES NULL	decimal(19,4)	TPA commission value
numordem	YES NULL	integer	
fs	YES NULL	decimal(19,4)	Amount in simplified invoices
ft	YES NULL	decimal(19,4)	Amount in invoices

SalesDayDetails - v3.0

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
caixa	NO	integer	Teller ID
periodo	NO	integer	Period
data	NO	datetime	Date
pagamento	NO	integer	Payment ID
valor	YES NULL	decimal(19,4)	Amount
comissao	YES NULL	decimal(19,4)	Commission
obs	YES NULL	varchar(1024)	Observations

SalesSession - v2.0

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
idcx	NO	integer	ID (session)
caixa	NO	integer	Teller ID
dataopen	NO	datetime	Opening Date/time
data	YES NULL	date	Date
opencx	YES NULL	varchar(50)	Opening Operator ID
dataclose	YES NULL	datetime	Closing Date/time
closecx	YES NULL	varchar(50)	Closing Operator ID

saldoinicial	YES NULL	decimal(19,4)	Opening balance
saldofinal	YES NULL	decimal(19,4)	Closing balance
saidascx	YES NULL	decimal(19,4)	Cash Outflows
vd	YES NULL	decimal(19,4)	Amount in VD 'Venda a Dinheiro'
tk	YES NULL	decimal(19,4)	Amount in TK 'Tickets'
cc	YES NULL	decimal(19,4)	Amount in credit invoices
ci	YES NULL	decimal(19,4)	Amount in intern consumption
nc	YES NULL	decimal(19,4)	Amount in credit notes
rc	YES NULL	decimal(19,4)	Amount in receipts
ad	YES NULL	decimal(19,4)	Amount in down payments
movimento	YES NULL	decimal(19,4)	Amount in caixa
num	YES NULL	decimal(19,4)	Amount in cash
chq	YES NULL	decimal(19,4)	Amount in checks
deb	YES NULL	decimal(19,4)	Amount in debit cards
crd	YES NULL	decimal(19,4)	Value in credit cards
entradascx	YES NULL	decimal(19,4)	Cash incoming
enc	YES NULL	decimal(19,4)	Amount in orders
adi	YES NULL	decimal(19,4)	Amount in down payments
contado	YES 0	integer	Cash was verified 0 - No * 1 - Yes
empid	YES 0	integer	Verifying Operator ID
status	YES 0	integer	Status 0 - Closed * 1 - Open
cartoes	YES NULL	decimal(19,4)	Amount paid on customer card
etk	YES NULL	decimal(19,4)	Amount paid on Euroticket

contnum	YES NULL	decimal(19,4)	Amount accounted in cash
contchq	YES NULL	decimal(19,4)	Amount accounted in cheque
contdeb	YES NULL	decimal(19,4)	Amount accounted in cartão de débito
contcrd	YES NULL	decimal(19,4)	Amount accounted in cartão de crédito
contetk	YES NULL	decimal(19,4)	Amount accounted in Euroticket
fs	YES NULL	decimal(19,4)	Amount in simplified invoices
lastupdate	YES NULL	datetime	Instance's last update timestamp

Salestation - v1.8

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
armazem	NO	integer	Wharehouse ID
codigo	NO	integer	ID
descricao	NO	varchar(50)	Description
lastupdate	YES NULL	datetime	Instance's last update timestamp
perfilmaisvendidos	NO 0	integer	Most sold role/profile ID
postoszonas	YES NULL	array	Array of JSON objects with information about the zones that the Salestation has access to. Example: [{"zona":1}, {"zona":2}]
versao	YES NULL	varchar(50)	Software version (read only)
zona	YES NULL	integer	SaleZone ID
SaleStationSettings	YES NULL	array	Array of instances SaleStationSetting . Only available on specific requests

SaleStationSetting - v1.8

Attribute	Null Default	Tipo	Description
chave	YES	varchar(100)	Description (read only)
idconfig	NO	integer	Setting ID
idloja	NO	integer	Store ID
idposto	NO	integer	SaleStation ID
lastupdate	YES NULL	datetime	Instance's last update timestamp
valor	NO	varchar(150)	Setting value

Salezone - v2.8

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
codigo	NO	integer	Sale zone ID
centroproducao	YES 0	integer	Production Center ID
descricao	YES NULL	varchar(50)	Description
precozona	YES 0	integer	Sale price table ID
tabelaiva	YES 0	integer	Tax table ID
interno	YES 0	integer	Internal ID
printercontas	YES 0	integer	Printer Accounts ID
printerdocs	YES 0	integer	Printer Documents ID
height	YES 0	integer	Height
width	YES 0	integer	Width

lastupdate	YES NULL	datetime	Instance's last update timestamp
zonas_pagamentos	YES NULL	array	Array of instances zonas_pagamentos . Only available on specific requests

Signeddocumentscount - v2.1 - Read only entity

Attribute	Null Default	Tipo	Description
lastupdate	NO	datetime	Instance's last update timestamp
month	NO	integer	Month number
invoiceddocuments	NO '	integer	The amount of invoice documents (FT, VD) created in the current year + month
workingdocuments	NO '	integer	The amount of working documents (EC) created in the current year + month
year	NO	integer	Year

Store - v1.3

Attribute	Null Default	Tipo	Description
codigo	NO 0	integer	ID
descricao	YES NULL	string(50)	Description
designacao	YES NULL	string(50)	Commercial Name
contribuinte	YES NULL	string(20)	VAT Number
lastupdate	YES NULL	datetime	Last sync from store
logotipo	YES NULL	string base64encoded	Logo
morada	YES NULL	string(200)	Address
numero_porta	YES NULL	string(20)	Door number

cod_postal	YES NULL	string(10)	Postal Code "0000-000"
localidade	YES NULL	string(100)	City
regime_iva	YES NULL	string	Code of tax Area Regime (Example: Madeira = PT-MA)
pais	YES NULL	string	Country Code (Example: PT)
CashVATScheme	YES NULL	integer	VAT scheme Cash: Null - None * 0 - Inactive 1 - Active
CashVATSchemeBegin	YES NULL	DATETIME	Date/time of the activation of the VAT scheme Cash
CashVATSchemeEnd	YES NULL	DATETIME	Date/time of disabling the VAT scheme Cash
StoreSettings	YES NULL	array	Array of instances StoreSettings

StoreSettings - v2.0

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
idconfig	NO	integer	Config ID
valor	YES "	string	Value

Subcategory - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
categoria	NO	integer	Category ID

lastupdate	YES NULL	datetime	Instance's last update timestamp
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SubFamily - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO 0	integer	ID
descricao	NO NULL	string(50)	Description
familia	NO 0	integer	Family ID
fundo	NO "#808080"	string(10)	Background color (HTML color)
letra	NO "#FFFFFF"	string(10)	Font color (HTML color)
posicao	YES 0	integer	Position within the Family
lastupdate	YES NULL	datetime	Instance's last update timestamp

Supplier - v2.0

Attribute	Null Default	Tipo	Description
codigo	YES	integer	ID
nome	NO	string(50)	Name
morada	YES NULL	string(250)	Address
codpostal	YES NULL	string(4)	Postal Code "0000"
codpostal1	YES NULL	string(14)	Postal Code "000"
localidade	YES NULL	string(50)	City
telefone	YES NULL	string(50)	Telephone

fax	YES NULL	string(50)	Fax
telemovel	YES NULL	string(50)	Mobile
email	YES NULL	string(50)	Email
web	YES NULL	string(50)	website
datacriacao	YES	date	Creation Date
contribuinte	YES NULL	string(15)	VAT Number
ivaincluido	YES 0	integer	VAT is included in the prices 0 - No * 1 - Yes
opcaopagamento	YES 0	integer	Payment Option ID
paisorigem	YES "PT"	string(3)	Country Code
lastupdate	YES NULL	datetime	Instance's last update timestamp
descricao_opcaopagamento	YES NULL	string(50)	Description of the payment option
nome_contacto	YES NULL	string(100)	Name of contact person
iban	YES NULL	string(45)	Supplier's IBAN
descfinanceiro	YES 0	decimal(5,2)	Discount

Tablemovement - v2.0 - Read only entity

Attribute	Null Default	Tipo	Description
data	NO	date	Recording date
inicio	NO	datetime	Table opening datetime
fim	NO	datetime	Table closing datetime
peessoas	NO	integer	Number of people

mesa	NO	integer	Table number
Open	NO 0	integer	Status: 0 - Open * 1 - Closed
country	NO "PT"	string(10)	Country Code
lastupdate	YES NULL	datetime	Instance's last update timestamp

Tax - v1.2

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
codigo	NO	integer	ID
descricao	NO	string	Description
factor	YES NULL	decimal	Tax rate factor
activa	NO 1	integer	Status: 0 - Inactive 1 - Active *
lastupdate	YES NULL	datetime	Instance's last update timestamp

Technicalcard - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
empcriacao	NO	integer	Operator ID - created
empalteracao	NO	integer	Operator ID - last modified
datacriacao	NO	datetime	Created datetime

dataalteracao	NO	datetime	Modified datetime
custo	YES 0	decimal(19,4)	Estimated cost for production
tempo	YES 0	integer	Estimated time in minutes for production
lastupdate	YES NULL	datetime	Instance's last update timestamp
ingredients	YES NULL	array	Array of instances <u>Technicalcardingredient</u> - the ingredients
preparationItems	YES NULL	array	Array of instances <u>Technicalcardpreparation</u> - the steps for preparing

Technicalcardingredient - 2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	Product ID to be produced
id	NO	integer	Ingredient position in ingredient list
produto	NO	integer	Product ID used as an ingredient
descricao	NO	string(50)	Description of product used as an ingredient
qtd	YES 0	decimal(19,4)	Quantity
unidade	YES ""	string(50)	Description of ingredient unit
custo	YES 0	decimal(19,4)	Cost of each unit of ingredient
total	YES 0	decimal(19,4)	Total cost
Comments	YES NULL	string(250)	Comments
armazem	YES 0	integer	Warehouse ID
desperdicio	YES 0	decimal(19,4)	Quantity wasted

Technicalcardpreparation - v2.0

Attribute	Null Default	Tipo	Description
id	NO	integer	Position of the instance in the list of steps of the preparation of a technical card
codigo	NO	integer	Product ID to produce
produto	NO	string(255)	Description of the ingredient to be used
acciao	YES ""	string(255)	Description of the actions to be taken in the preparation of the ingredient
temperatura	YES ""	string(50)	Temperature to use
tempo	YES ""	string(50)	Ingredient preparation time
Comments	YES ""	string(255)	Comments

Teller - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
lastupdate	YES NULL	datetime	Instance's last update timestamp

Timeregister - v2.1 - Read only entity

Attribute	Null Default	Tipo	Description
datahora	NO	date	The datetime instance was saved
dataval	NO	datetime	The work day date the instance refers to

diasemana	NO	string(10)	Name of the week day (Portuguese)
empid	NO	integer	The employee's ID
empname	NO	string(50)	The employee's name
id	NO	integer	Instance's ID
sentido	NO	integer	Flag that identifies which way the instance refers to: 1 - Enter 2 - Exit
sentidochar	NO	string(10)	Text representing the value of property <i>sentido</i> (in portuguese): "Entrada" => "Enter" "Saída" => "Exit"
lastupdate	NO	datetime	Instance's last update timestamp

Type - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO ""	string(100)	Description
lastupdate	YES NULL	datetime	Instance's last update timestamp

Unit - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO ""	string(50)	Description
lastupdate	YES NULL	datetime	Instance's last update timestamp

Version - v2.0 - Read only entity

Attribute	Null Default	Tipo	Description
loja	NO	integer	ID
syncv	NO ""	string(100)	Sync version
appv	NO ""	string(100)	App version
db	NO ""	string(100)	Database version

Warehouse - v2.0

Attribute	Null Default	Tipo	Description
codigo	NO	integer	ID
descricao	NO	string(50)	Description
lastupdate	YES NULL	datetime	Instance's last update timestamp

InfoDoc - v2.5

Attribute	Null Default	Tipo	Description
loja	NO	integer	Store ID
numero	NO	integer	Document number
doc	NO	string(2)	Document type
tipo	NO	integer	Type of payment (See Table)
valor	NO	string(400)	document information value
chave	YES NULL	string(50)	document information key

serie	NO “	string(20)	Document serie
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