



## ZSAPI

# Structure of Entities

API Version: 3

Database Version: >=2024

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## Entities ZSAPI

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# Entities ZSAPI

## Addresses - v2.0

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

## ATResponse - v1.3

Attribute	Null   Default	Tipo	Description
<b>ATResponseCode</b>	No   0	integer	Response Code returned by the Portuguese tax authority or one the ZSAPI's internal error codes. See table below.
<b>ATDocCodeID</b>	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 <b>Documents::saveInstances</b> . Field <b>ATResponse.ATDocCodeID</b> 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

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

## Characteristic - v2.0

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

## CharacteristicValue - v1.0

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

## Card - v2.0

Attribute	Null   Default	Tipo	Description

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

## Cardseries - v2.0

Attribute	Null   Default	Tipo	Description

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

## Cashflowmotive - v2.5

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

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

## Cashoutflows - v2.5

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

## Category - v2.0

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

## Client - v2.0

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

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

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

## Discount modes

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

## CounterBalance - v1.3

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

## Couvert - v2.0

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

## Couvertzone - v2.0

Attribute	Null   Default	Tipo	Description
<b>codigo</b>	NO	integer	Couvert ID
<b>zona</b>	NO	integer	Zone ID

## Document - v2.5

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

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

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

<b>dataPagamento</b>	YES   NULL	date	Payment deadline
<b>diasPagamento</b>	YES   NULL	integer	Days for payment
<b>arredondamento</b>	YES   NULL	decimal(9,4)	Rounding of the document total
<b>Comments</b>	YES   NULL	string	Notes to the document
<b>CashVATScheme</b>	YES   0	integer	Document under the Cash Regime <b>0 - No *</b> 1 - Yes
<b>latitude</b>	YES   NULL	string(25)	Coordinate for latitude
<b>longitude</b>	YES   NULL	string(25)	Coordinate for longitude
<b>hashcontrol2</b>	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
<b>doc</b>	NO	string(10)	Document type
<b>cliente</b>	NO	integer	Client ID
<b>pagamento</b>	NO	integer	Payment type ID
<b>ivaincluido</b>	NO	integer	Included Taxes <b>0 - No *</b> 1- Yes
<b>vendas</b>	NO	array	Array of instances of <b><u>sales</u></b>
<b>fornecedor</b>	NO	integer	Supplier ID

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

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

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

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

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

## Delivery - v2.1

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

## Exemptionreason - v2.0

Attribute	Null   Default	Tipo	Description

<b>codigo</b>	NO	string(5)	ID (ex: M01)
<b>descricao</b>	NO	string(255)	Description
<b>norma</b>	NO	string(255)	Motive's Legislative regulation
<b>lastupdate</b>	YES   NULL	datetime	Instance's last update timestamp

## Family - v1.2

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

## Group - v2.0

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

## Happyhour - v2.0

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

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

## Movements- v2.3

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

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

## Operator - v2.0

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

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

## Option - v2.0

Attribute	Null   Default	Tipo	Description
<b>codigo</b>	NO	integer	ID
<b>descricao</b>	NO	string(50)	Description

<b>grupo</b>	NO	integer	Group ID
<b>lastupdate</b>	YES   NULL	datetime	Instance's last update timestamp

## PaymentDoc - v1.2

Attribute	Null   Default	Tipo	Description
<b>loja</b>	NO	integer	Store ID
<b>numero</b>	No	integer	Document number
<b>doc</b>	NO	string(2)	Document type
<b>tipo</b>	NO	integer	Type of payment (See Table)
<b>valor</b>	NO	decimal(19,4)	Amount of payment partial
<b>cartao</b>	NO   0	integer	Customer card number used for payment
<b>serie</b>	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
<b>id</b>	NO	integer	ID
<b>descricao</b>	YES   NULL	string(50)	Description
<b>dias</b>	YES   NULL	string(2)	Days for payment

## PaymentType - v2.11

Attribute	Null   Default	Tipo	Description

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

## Product - v2.8

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

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

<b>listseparado</b>	YES   0	integer	Separate list in orders
<b>codbarras</b>	YES   0	string(20)	Main barcode
<b>armazem</b>	YES   0	integer	Warehouse ID
<b>tempoprep</b>	YES   0	time	Preparation time
<b>maxopcoes</b>	YES   0	integer	Maximum number of extras
<b>Iva2</b>	YES   0	decimal	Second sales tax
<b>tara</b>	YES   0	decimal	Product tare
<b>prepagamento</b>	YES   0	integer	Active prepayment: <b>0 - No *</b> 1 - Yes
<b>fundo</b>	NO   "#808080"	string(10)	Background color (HTML color)
<b>letra</b>	NO   "#FFFFFF"	string(10)	Font color (HTML color)
<b>descricaocurta</b>	YES   ""	string(50)	Short Description
<b>margembruta</b>	YES   0	decimal	Gross product gross margin
<b>codigopp</b>	YES   0	integer	PLU
<b>consumominimo</b>	YES   0	integer	Exclude from minimum consumption
<b>vendersemstock</b>	NO   0	integer	Enable to sell without stock: <b>0 - No *</b> 1 - Yes
<b>dosedesc</b>	YES   ""	string(50)	Description for Dose
<b>meiadosedesc</b>	YES   ""	string(50)	Description for Half-Dose
<b>categoria</b>	YES   0	integer	Merchandise Category
<b>subcategoria</b>	YES   0	integer	Subcategory Merchandise
<b>isencao</b>	YES   0	string(20)	Tax Exemption reason ID
<b>precovenda</b>	YES   0	decimal	Sale price 1
<b>precomeia</b>	YES   0	decimal	Sale price Half-dose 1

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

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

**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 **características** are mutually exclusive: A product CANNOT have both **produtos\_propriedades** and **características**. If a Product has **produtos\_propriedades** then **características** MUST BE null. If a Product has **características** then **produtos\_propriedades** MUST BE null.

## [ProductBarcode](#) - v2.0

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

## ProductCharacteristic - v2.0

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

## ProductCharacteristicsValue - v2.0

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

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

## ProductProperty - v2.4

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

## Productioncentre - v2.0

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

## ProductStock - v2.1 - Read only entity

Attribute	Null   Default	Tipo	Description
<b>loja</b>	NO	integer	Store ID

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

## Productstockmovement - v2.1 - Read only entity

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

<b>datahora</b>	NO	datetime	Date time the movement occurred
<b>uid_caracteristica</b>	NO   0	integer	Characteristics combo ID

## Property - v2.4

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

			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
<b>codigo</b>	NO	integer	ID
<b>descricao</b>	NO	string(50)	Description
<b>reposicao</b>	YES   0	integer	Refund: <b>0 - No *</b> 1 - Yes
<b>lastupdate</b>	NO	datetime	Instance's last update timestamp

## Sale - v2.0

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

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

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

## SalesDay - v2.0

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

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

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

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

## Salestation - v1.8

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

## SaleStationSetting - v1.8

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

## Salezone - v2.8

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

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

## Signeddocumentscount - v2.1 - Read only entity

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

## Store - v1.3

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

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

## StoreSettings - v2.0

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

## Subcategory - v2.0

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

<b>lastupdate</b>	YES   NULL	datetime	Instance's last update timestamp
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## SubFamily - v2.0

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

## Supplier - v2.0

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

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

## Tablemovement - v2.0 - Read only entity

Attribute	Null   Default	Tipo	Description
<b>data</b>	NO	date	Recording date
<b>inicio</b>	NO	datetime	Table opening datetime
<b>fim</b>	NO	datetime	Table closing datetime
<b>pessoas</b>	NO	integer	Number of people

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

## Tax - v1.2

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

## Technicalcard - v2.0

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

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

## Technicalcardingredient - 2.0

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

## Technicalcardpreparation - v2.0

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

## Teller - v2.0

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

## Timeregister - v2.1 - Read only entity

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

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

## Type - v2.0

Attribute	Null   Default	Tipo	Description
<b>codigo</b>	NO	integer	ID
<b>descricao</b>	NO   “”	string(100)	Description
<b>lastupdate</b>	YES   NULL	datetime	Instance's last update timestamp

## Unit - v2.0

Attribute	Null   Default	Tipo	Description
<b>codigo</b>	NO	integer	ID
<b>descricao</b>	NO   “”	string(50)	Description
<b>lastupdate</b>	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

<b>serie</b>	NO   “	string(20)	Document serie
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