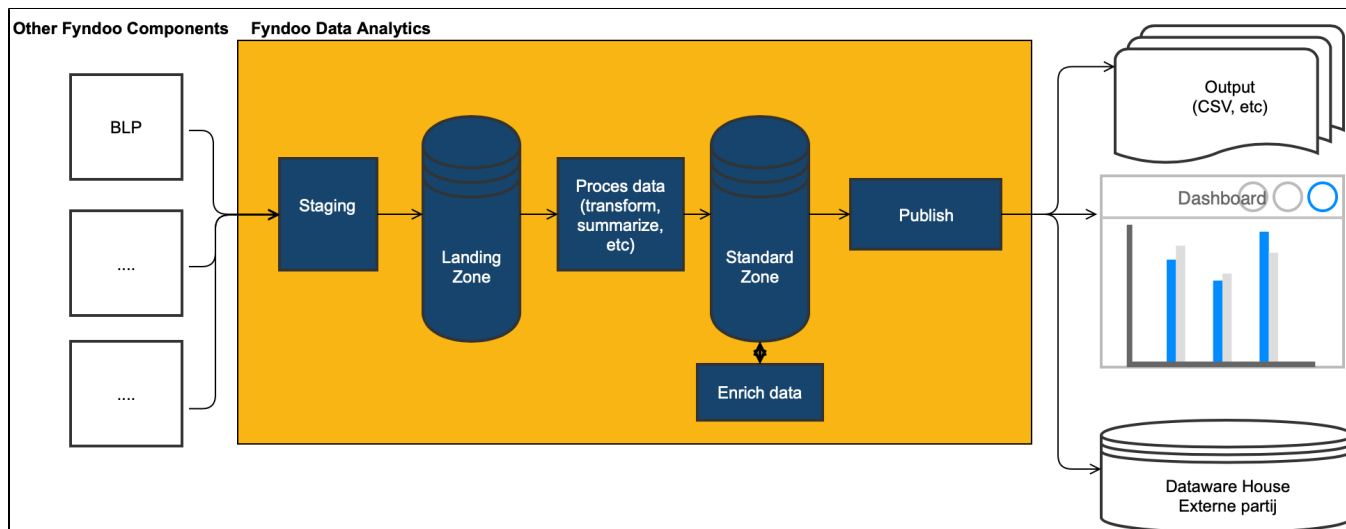


Data Export 'Standard Zone' version 2023.2

1.1.1. Global overview



Definition

	Description
Staging	A process where the data is imported from external component into 'Landing Zone'
Landing Zone	Raw data from external component
Process data	A process where the data is transformed (eg. ETL tooling) into the standard data model.
Standard Zone	Standard data model (is used for all customers) from which all 'information questions' can be answered
Publish	A process where the data is publish to a specific format

1.1.2. Export StandardZone data

In Fyndoo Data Analytics a standard export is available for the 'standard zone'. Below the specifications of this export

- The export of the standard Zone contains **all** data available in the standard Zone. Every day all data is supplied in the export
- All tables in the standard zone will be exported as csv-file. With the following specifications:
 - Encoding: UTF8
 - Separator: semicolon (;)
 - Timestamps as yyyy-MM-dd HH:mm:ss
 - Dates yyyy-MM-dd
 - Numbers will be exported with a dot (##.## with out a thousand separator)
 - Strings will be enclosed with a double quote (")
 - Booleans will be exported as 'Y' or 'N'
- The frequency will be on a daily basis (between 23:00 and 04:00)
- Every table will be in a separate csv-file
- All csv-files will be zipped in a zipfile with the following name specifications. The filename is <environment>-<whitelabel>-<versionnumber>-<date>.zip
eg:
 - PRODUCTION_xyzBank_v2022.1_2022-01-29.zip
 - ACCEPTANCE_xyzBank_v2022.1_2022-01-29.zip
- There is no automatic clean up of old zipfiles yet (this will be realized in the future)
For now we cleanup the files by hand, when cleaning up old files, at least the files of the last 7 days will remain on the sftp server.

1.1.3. Versioning Export StandardZone data

- The aim is to do a maximum of 4 version updates per year
- When a new version is available, the old version (t-1) will remain available.
We inform all customers when a new version is available and ask the customer to use this new version.
The old version (T-1) will be available for a maximum of 365 days, so the customer has one year to 'migrate' to a new version.
- New feature requests are only executed on the current version (NEVER on old versions!)
- Documentation of the standard zone data export version will be available online
See <https://fyndoo.github.io/FDA/>

1.1.4. Checks and monitoring

- All data is processed in a Postgres database and all tables have a 'primary key' so the uniqueness of a record is guaranteed by Postgres
- The team will be notified of all important ETL jobs on ACCEPTANCE and PRODUCTION via a SLACK notification (error and success)
- The data-export-job will not start if a previous job results in an error, so the data-export will NOT generate any data
- In the data-export there is a table with the name 'sz_meta.csv' with meta data, eg:
 - Number of records per table (available in FDA version 2022.4 - April 2022)
 - DateTime of the last synchronization with Fyndoo Lending database
- When a job is aborted or produces an error an email is sent (with the logging) to the team.
- Topicus will proactively inform the customer about the error by email.
The follow-up of this issue, will be done in the regular way (service desk) just like all other issues.

1.1.5. Service Level Agreement

- No specific SLA has been agreed for this component/product. The SLA agreements made for Fyndoo also apply to this component/product.

1.1.6. Other

- The schedules of the data-export jobs can be configured per customer and will be scheduled in consultation with the customer
Updates of Fyndoo Lending and OS updates of our datacenter are most of the time planned between 18:00 and 22:00, so we suggest to start the data-export jobs after 22:00
- We deliver the data in a zipfile on our own SFTP server (sftp.fyndoo.com), see document 'sftp.fyndoo.com'

1.1.7. Data Export 'Standard Zone'

Below are the definitions of the tables as populated by the FDA application in Postgres. These tables are exported 1 on 1 under the conditions as defined above.

sz_agreement							
Primary key (referenceid + processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
referenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of an agreement
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
whitelabel		varchar(255)	[NULL]	default	TRUE	[NULL]	The whitelabel
mainborrowerreferenceid		varchar(128)	[NULL]	default	FALSE	[NULL]	Unique identifier of a counterparty
startdate		date	[NULL]	[NULL]	TRUE	[NULL]	The start date of this credit agreement
enddate		date	[NULL]	[NULL]	FALSE	[NULL]	The end date of the agreement
reviewdate		date	[NULL]	[NULL]	FALSE	[NULL]	The review date of the agreement
agreementperfect		bool	[NULL]	[NULL]	FALSE	[NULL]	Whether or not this credit agreement is perfect
datelastchanged		timestamp	[NULL]	[NULL]	FALSE	[NULL]	The date the credit agreement was last changed (and lead to a new actual version of this credit agreement)
externalreferenceid		varchar(128)	[NULL]	default	FALSE	[NULL]	Unique external reference identifier of an agreement
sz_annualaccounts							
Primary key (annualaccountsid)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
annualaccountsid		varchar(128)	[NULL]	default	TRUE	[NULL]	Internal identifier of the document (eg. document of type history)
financialsid		varchar(128)	[NULL]	default	TRUE	[NULL]	Identifier of a group of documents (History /SLI/Prognoses) regarding the same counterparty

documenttype		varchar(128)	[NULL]	default	FALSE	[NULL]	Documenttype of underlying data (eg. history)
sz_annualaccountsdetails							
Primary key (annualaccountsid + columnenddate)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
annualaccountsid		varchar(128)	[NULL]	default	TRUE	[NULL]	Internal indentifier of the document of the history application
columnenddate		date	[NULL]	[NULL]	TRUE	now()	End date of the column in the history application
CashAndEquivalents		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
CurrentLiabilities		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
ebitda		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
FinancialExpenses		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
FinancialFixedAssets		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
IntangibleFixedAssets		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
Inventories		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
MaterialFixedAssets		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
MinorityInterests		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
NetSales		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
NetWorth		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
NonCurrentLiabilities		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
OperatingIncome		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
OtherShortTermDebt		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
OverdraftCurrentAccount		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
ProfitAfterTax		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
Provisions		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
Receivables		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
SubordinatedDebts		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
TotalAssets		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
TotalNumberOfEmployees		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
TradePayablesTotal		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
dscr		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
ValCheck		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
QuickRatio		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
CurrentRatio		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
SolvencyRatio		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
InterestCoverageRatio		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
ChangeInInventories		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
DepreciationOfAssets		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
ShareResultMinorityInterest		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
CurrentAssets		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
sz_approval							
Primary key (referenceid)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment

referenceid	varchar(255)	[NULL]	default	TRUE	[NULL]	[NULL]
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
approvaldate	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
name	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
resultdescription	varchar(800)	[NULL]	default	FALSE	[NULL]	[NULL]
resultcode	varchar(20)	[NULL]	default	FALSE	[NULL]	[NULL]

sz_businessrules

Primary key (referenceid, processnumber, fiatreferenceid)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	UUID
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
fiatreferenceid	varchar(255)	[NULL]	default	TRUE	[NULL]	[NULL]
description	varchar(1000)	[NULL]	default	FALSE	[NULL]	[NULL]
initial_result	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
final_result	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
overruled	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
override_motivation	varchar(4000)	[NULL]	default	FALSE	[NULL]	[NULL]
rejection_reason	varchar(1000)	[NULL]	default	FALSE	[NULL]	[NULL]
referenceid_sequence	varchar(16)	[NULL]	default	FALSE	[NULL]	[NULL]

sz_businessrules_parameters

Primary key (referenceid, businessrulereferenceid)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
businessrulereferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
fiatreferenceid	varchar(255)	[NULL]	default	TRUE	[NULL]	[NULL]
parametername	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
numericvalue	numeric(19, 5)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
alphanumericvalue	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
booleanvalue	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
datevalue	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
businessrulereferenceid_sequence	varchar(16)	[NULL]	default	FALSE	[NULL]	[NULL]

sz_collateral

Primary key (referenceid, agreementreferenceid, processnumber)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of a collateral
collateraltype	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
agreementreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of an agreement
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process

definitioncode	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
description	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
valuationdate	date	[NULL]	[NULL]	FALSE	[NULL]	Collateral > Valuation > ValuationDate
valuationcurrency	varchar(10)	[NULL]	default	FALSE	[NULL]	The currency code for identification of the currency
valuationamount	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Collateral > Valuation > ValuationValue.
externalreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	Unique external reference identifier of an collateral

sz_collateral_object

Primary key (referenceid, agreementreferenceid, processnumber)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
collateralreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	[NULL]
agreementreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
postalcode	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
place	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
marketvalue	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
purchasevalue	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
executionvalue	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
energylabel	varchar(25)	[NULL]	default	FALSE	[NULL]	[NULL]
sequenceid	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
externalreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	Unique external reference identifier of an collateral_object
propertyspecifications	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
insurance	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
constructionyear	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
leasehold	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
leaseholdenddate	date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
propertysurface	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
officespacesurface	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
street	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
country	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
rank	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
prioramount	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]

sz_collateral_object_rental

Primary key (referenceid, processnumber)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
collateral_objectreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
agreementreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
regulatedproperty	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
pointscoreforregulatedrent	numeric(9, 5)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]

admissiblemonthlyrent		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
coldrentpermonth		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
marketbasedrent		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
totalrentpermonth		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
totalrentperyear		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
sequenceid		int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
sz_collateral_object_taxation							
Primary key (referenceid, processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
referenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
collateral_objectreferenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
agreementreferenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
valuationdate		date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
valuationmethod		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
valuationvaluetype		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
valuationvalue		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	This is called 'marktwaarde' in the application. Correction is already applied on this value.
marketvaluecurrentstate		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Market value current state
correctionpercentage		float8	[NULL]	[NULL]	FALSE	[NULL]	Market value correction percentage. eg: 0.9 is 90%
sequenceid		int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
sz_contactperson							
Primary key (referenceid)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
referenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
organisationname		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
emailaddress		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
telephone		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
type		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
sz_counterparty							
Primary key (referenceid, processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
referenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of a counterparty
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
legalentity		bool	[NULL]	[NULL]	TRUE	[NULL]	Organisation (1) Personal (0)
datelastchanged		date	[NULL]	[NULL]	TRUE	[NULL]	Date of last change
address		varchar(255)	[NULL]	default	FALSE	[NULL]	The address of the counterparty
postalcode		varchar(10)	[NULL]	default	FALSE	[NULL]	Free formatted postalcode, no specific country restrictions
isholding		bool	[NULL]	[NULL]	FALSE	[NULL]	Derived information and indicaties if the counterparty is a Holding company

counterpartysegmentcode	varchar(255)	[NULL]	default	FALSE	[NULL]	The segment code of this counterparty.
counterpartycategorycode	varchar(255)	[NULL]	default	FALSE	[NULL]	The counterparty category this counterparty belongs to.
foundationdate	date	[NULL]	[NULL]	FALSE	[NULL]	The foundation date of the organisation
organisationname	varchar(255)	[NULL]	default	FALSE	[NULL]	Name of the organisation
numberofemployees	int4	[NULL]	[NULL]	FALSE	[NULL]	The number of employees of the organisation
cocnumber	varchar(20)	[NULL]	default	FALSE	[NULL]	Chamber of commerce code
legalform	varchar(100)	[NULL]	default	FALSE	[NULL]	The legal form of a counterparty. Example values (nl): BV, NV, VOF. The values should correspond with the configured values in Force Business Lending.
countrycode	varchar(25)	[NULL]	default	FALSE	[NULL]	The country code that matches with a country description. The list of country descriptions can differ per customer installation.
annualincome	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
employmentstatus	varchar(20)	[NULL]	default	FALSE	[NULL]	[NULL]
sectorcodestandard	varchar(100)	[NULL]	default	FALSE	[NULL]	[NULL]
sectorcodecustom	varchar(100)	[NULL]	default	FALSE	[NULL]	[NULL]
externalreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	Unique external reference identifier of an collateral_object
sz_counterparty_financials						
Primary key (counterpartyreferenceid)						
Column Name	Data type	Identity	Collation	Not Null	Default	Comment
counterpartyreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	Identifier of a counterparty
financialsid	varchar(128)	[NULL]	default	FALSE	[NULL]	Identifier of a group of documents (History /SLI/Prognoses) regarding the same counterparty
sz_counterpartyrating						
Primary key (referenceid, processnumber)						
Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
counterpartyreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
RatingType	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
RatingValue	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
pd	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
sz_facility						
Primary key (referenceid, processnumber)						
Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
mainfacilityreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	[NULL]
agreementreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of an agreement
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
productname	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]

productdefinitioncode	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
repaymenttype	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
agreedlimitamount	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	The agreed or contractual limit on top-facility level.
agreedlimitcurrency	varchar(10)	[NULL]	default	FALSE	[NULL]	The currency code for identification of the currency
limitamount	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	The amount of the limit
limitcurrency	varchar(10)	[NULL]	default	FALSE	[NULL]	The currency code for identification of the currency
facilitystartdate	date	[NULL]	[NULL]	FALSE	[NULL]	The start date of the facility
facilityduration	int4	[NULL]	[NULL]	FALSE	[NULL]	The duration of the facility
facilityenddate	date	[NULL]	[NULL]	FALSE	[NULL]	The end date of the facility
facilityaccountnumber	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
fixedrateperiod	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
floor	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
indicativebaserate	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
indicativeinterestmargin	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
liquidityspread	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offerbaserate	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offerinterestmargin	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offerinterestcorrection	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
loantovalue	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
annualinterestrate	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
annualannuity	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
redemptionatstartmonth	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
annualrentalincomesurplus	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
interestcoveragerationarrow	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
interestcoverageratiobroad	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
debtservicecoverageratio	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
reversionmargininterestrate	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
borrowerfee	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
interestreferencedate	date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
interestproductstartdate	date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
firstinterestpaymentdate	date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
interestproductenddate	date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
firstrepaymentdate	date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
repaymentfrequency	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
discountrate	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
discounttype	varchar(20)	[NULL]	default	FALSE	[NULL]	[NULL]
nominalratebeforediscount	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
interestratenam	varchar(128)	[NULL]	default	FALSE	[NULL]	Interest productname e.g. '3 month Euribor + opslag'
interestratecode	varchar(128)	[NULL]	default	FALSE	[NULL]	Interest productcode e.g. 'EU.IR.000003'
interesttype	varchar(128)	[NULL]	default	FALSE	[NULL]	Interest type e.g. 'Fixed' or 'Variable'
tenantformattedreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	ReferenceId generated by Fyndoo, but tenant formatted
externalreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	ReferenceId received from an external application

parenttenantformattedreferenceid		varchar(128)	[NULL]	default	FALSE	[NULL]	ReferenceId generated by Fyndoo, but tenant formatted of the parent facility
parentexternalreferenceid		varchar(128)	[NULL]	default	FALSE	[NULL]	ReferenceId received from an external application of the parent facility
sz_facilityreference							
Primary key (facilityreferenceid)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
facilityreferenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
sz_fee_agreement							
Primary key (referenceid, processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
referenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of an agreement
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
agreementreferenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
name		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
startdate		date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
fiatamountofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offeramountofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
fiatpercentageofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offerpercentageofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
frequency		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
daycountconvention		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
sz_fee_facility							
Primary key (referenceid, processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
referenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of an agreement
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
facilityreferenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
name		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
startdate		date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
fiatamountofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offeramountofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
fiatpercentageofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offerpercentageofthefee		float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
frequency		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
daycountconvention		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
sz_financials							
Primary key (financialsid)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
financialsid		varchar(128)	[NULL]	default	TRUE	[NULL]	Identifier of a group of documents (History /SLI/Prognoses) regarding the same counterparty

sz_financinggoal							
Primary key (referenceid, processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
referenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of a financinggoal
agreementreferenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of an agreement
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
definitioncode		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
description		varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
sz_metadata							
Primary key (key)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
key		varchar(128)	[NULL]	default	TRUE	[NULL]	Label of the information
value		varchar(128)	[NULL]	default	FALSE	[NULL]	Value of the information
description		varchar(128)	[NULL]	default	FALSE	[NULL]	Description of the key, value pair.
type		varchar(128)	[NULL]	default	FALSE	[NULL]	INFO, FACT, ASSERT
sz_otherproperties							
Primary key (processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
processnumber		int8	[NULL]	[NULL]	TRUE	[NULL]	[NULL]
additionalrentalincome		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
sz_periodicstatement							
Primary key (facilityreferenceid, periodtype,periodenddate)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment
facilityreferenceid		varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
reportreference		varchar(255)	[NULL]	default	TRUE	[NULL]	Unique identifier for the periodic statement
reportcreationdate		date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
periodtype		varchar(255)	[NULL]	default	TRUE	[NULL]	[NULL]
periodstartdate		date	[NULL]	[NULL]	TRUE	[NULL]	[NULL]
periodenddate		date	[NULL]	[NULL]	TRUE	[NULL]	[NULL]
balanceatstart		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Outstanding amount at startdate of period
balanceatend		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Outstanding amount at enddate of period
totalinterestpaid		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Total interest paid in period
totalinterestchargepaid		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Total interest charges paid in period
totalfeespaid		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Total fees paid in period
totalothercostspaid		numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	Total other costs (not fees or interest charges) paid in period
sz_process							
Primary key (processnumber)							
Column Name		Data type	Identity	Collation	Not Null	Default	Comment

processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
processname	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
whitelabel	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
contractnumber	int8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
externalreferencecontract	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
externalreferencerequest	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
processstatus	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
startdatetime	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
enddatetime	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
durationtimehours	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
currentstatus	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
loanpassingdate	date	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
latestexecutiondate	date	[NULL]	[NULL]	FALSE	[NULL]	Last possible loan passingdate
numberofstatuschanges	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
firsttimeright	int4	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
currency	varchar(10)	[NULL]	default	FALSE	[NULL]	[NULL]
teamcode	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
channel	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
processtype	varchar(255)	[NULL]	default	FALSE	[NULL]	processtype e.g. LoanOrigination, LoanReview, LoanModification, etc.
mainadministrator	varchar(128)	[NULL]	default	FALSE	[NULL]	User which is the main administrator of the process

sz_processevents

Primary key (processnumber)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	[NULL]
conditionalofferdate	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
conditionalofferdate_hours	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
bindingofferdate	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
bindingofferdate_hours	numeric(11, 2)	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
processedfinancialfiguresauto	bool	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
offersent	bool	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
finishedsuccessful	bool	[NULL]	[NULL]	FALSE	[NULL]	True if the process has reached a successful status
finishedsuccessfuldate	timestamp	[NULL]	[NULL]	FALSE	[NULL]	Date and time of when the process has reached a successful status

sz_processstatuschange

Primary key (referenceid)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
code	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
name	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
status_startdatetime	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
status_enddatetime	timestamp	[NULL]	[NULL]	FALSE	[NULL]	[NULL]
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process

processstatusgroupname	varchar(255)	[NULL]	default	FALSE	[NULL]	[NULL]
userreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	[NULL]
workingdaysinstatus	float8	[NULL]	[NULL]	FALSE	[NULL]	[NULL]

sz_relation

Primary key
(processnumber,
counterpartyreferenceid,
borrowerrelationtype)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
agreementreferenceid	varchar(128)	[NULL]	default	FALSE	[NULL]	Unique identifier of an agreement
processnumber	int8	[NULL]	[NULL]	TRUE	[NULL]	Unique identifier of an process
counterpartyreferenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of a counterparty
borrowerrelationtype	varchar(128)	[NULL]	default	FALSE	[NULL]	Type of borrower relation (Main borrower or Borrower)
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	Unique identifier of this table.

sz_user

Primary key (referenceid)

Column Name	Data type	Identity	Collation	Not Null	Default	Comment
referenceid	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
username	varchar(128)	[NULL]	default	TRUE	[NULL]	[NULL]
active	bool	[NULL]	[NULL]	TRUE	[NULL]	[NULL]



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