central_ledger

Tables

Name	Columns	Comment	Type
amountType	4		BASE TABLE
balanceOfPayments	4	See https://www.imf.org/external/np/sta/bopcode/guide.htm	BASE TABLE
bulkProcessingState	5		BASE TABLE
bulkTransfer	6		BASE TABLE
bulkTransferAssociation	8		BASE TABLE
bulkTransferDuplicateCheck	3		BASE TABLE
bulkTransferError	5		BASE TABLE
bulkTransferExtension	6		BASE TABLE
bulkTransferFulfilment	3		BASE TABLE
bulkTransferFulfilmentDuplicateCheck	3		BASE TABLE
bulkTransferState	5		BASE TABLE
bulkTransferStateChange	5		BASE TABLE
contactType	5		BASE TABLE
currency	5		BASE TABLE
endpointType	5		BASE TABLE
event	4		BASE TABLE
expiringTransfer	4		BASE TABLE
externalParticipant	4		BASE TABLE
fxCharge	7		BASE TABLE
fxParticipantCurrencyType	4		BASE TABLE
fxQuote	2		BASE TABLE
fxQuoteConversionTerms	12		BASE TABLE
fxQuoteConversionTermsExtension	5		BASE TABLE
fxQuoteDuplicateCheck	3		BASE TABLE
fxQuoteError	6		BASE TABLE
fxQuoteResponse	4		BASE TABLE
fxQuoteResponseConversionTerms	13		BASE TABLE
fxQuoteResponseConversionTermsExtension	5		BASE TABLE
fxQuoteResponseDuplicateCheck	4		BASE TABLE
fxTransfer	9		BASE TABLE

Name	Columns	Comment	Type
fxTransferDuplicateCheck	3		BASE TABLE
fxTransferError	5		BASE TABLE
fxTransferErrorDuplicateCheck	3		BASE TABLE
fxTransferExtension	7		BASE TABLE
fxTransferFulfilment	6		BASE TABLE
fxTransferFulfilmentDuplicateCheck	3		BASE TABLE
fxTransferParticipant	10		BASE TABLE
fxTransferStateChange	5		BASE TABLE
fxTransferTimeout	4		BASE TABLE
fxTransferType	4		BASE TABLE
fxWatchList	5		BASE TABLE
geoCode	5		BASE TABLE
ilpPacket	3		BASE TABLE
ledgerAccountType	6		BASE TABLE
ledgerEntryType	6		BASE TABLE
migration	4		BASE TABLE
migration_lock	2		BASE TABLE
participant	7		BASE TABLE
participantContact	8		BASE TABLE
participantCurrency	7		BASE TABLE
participantEndpoint	7		BASE TABLE
participantLimit	9		BASE TABLE
participantLimitType	5		BASE TABLE
participantParty	3		BASE TABLE
participantPosition	5		BASE TABLE
participantPositionChange	9		BASE TABLE
party	6	Optional pers. data provided during Quote Request & Response	BASE TABLE
partyIdentifierType	3		BASE TABLE
partyType	3		BASE TABLE
quote	14		BASE TABLE
quoteDuplicateCheck	3		BASE TABLE
quoteError	6		BASE TABLE
quoteExtension	7		BASE TABLE
quoteParty	15		BASE TABLE

Name	Columns	Comment	Type
quotePartyIdInfoExtension	5		BASE TABLE
quotePartyView	15	VIEW	VIEW
quoteResponse	14	This table is the primary store for quote responses	BASE TABLE
quoteResponseDuplicateCheck	4		BASE TABLE
quoteResponseIlpPacket	2		BASE TABLE
quoteResponseView	17	VIEW	VIEW
quoteView	13	VIEW	VIEW
segment	6		BASE TABLE
settlement	5		BASE TABLE
settlementContentAggregation	9		BASE TABLE
settlementDelay	5		BASE TABLE
settlementGranularity	5		BASE TABLE
settlementInterchange	5		BASE TABLE
settlementModel	12		BASE TABLE
settlementParticipantCurrency	7		BASE TABLE
settlementParticipantCurrencyStateChange	6		BASE TABLE
settlementSettlementWindow	4		BASE TABLE
settlementState	5		BASE TABLE
settlementStateChange	5		BASE TABLE
settlementTransferParticipant	8		BASE TABLE
settlementWindow	4		BASE TABLE
settlementWindowContent	8		BASE TABLE
settlementWindowContentStateChange	5		BASE TABLE
settlementWindowState	5		BASE TABLE
settlementWindowStateChange	5		BASE TABLE
token	5		BASE TABLE
transactionInitiator	4		BASE TABLE
transactionInitiatorType	4		BASE TABLE
transactionReference	3		BASE TABLE
transactionScenario	4		BASE TABLE
transactionSubScenario	4		BASE TABLE
transfer	6		BASE TABLE
transferDuplicateCheck	3		BASE TABLE
transferError	5		BASE TABLE

Name	Columns	Comment	Type
transferErrorDuplicateCheck	3		BASE TABLE
transferExtension	7		BASE TABLE
transferFulfilment	6		BASE TABLE
transferFulfilmentDuplicateCheck	3		BASE TABLE
transferParticipant	9		BASE TABLE
transferParticipantRoleType	5		BASE TABLE
transferRules	6		BASE TABLE
transferState	5		BASE TABLE
transferStateChange	5		BASE TABLE
transferTimeout	4		BASE TABLE

amountType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
amountTypeId	int unsigned		false	auto_increment	fxQuoteConversionTerms fxQuoteResponseConversionTerms quote	
name	varchar(256)		false			
description	varchar(1024)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
amounttype_name_unique	UNIQUE	UNIQUE KEY amounttype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (amountTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (amountTypeId) USING BTREE
amounttype_name_unique	UNIQUE KEY amounttype_name_unique (name) USING BTREE

balanceOfPayments

Description

See https://www.imf.org/external/np/sta/bopcode/guide.htm

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
balanceOfPaymentsId	int unsigned		false		quote	
name	varchar(256)		false			
description	varchar(1024)		true			Possible values and meaning are defined in https://www.imf.org/external/np/sta/bopcode/
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
balanceofpayments_name_unique	UNIQUE	UNIQUE KEY balanceofpayments_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (balanceOfPaymentsId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (balanceOfPaymentsId) USING BTREE
balanceofpayments_name_unique	UNIQUE KEY balanceofpayments_name_unique (name) USING BTREE

bulkProcessingState

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
bulkProcessingStateId	int unsigned		false	auto_increment	bulkTransferAssociation
name	varchar(50)		false		
description	varchar(512)		true		

Name	Type	Default	Nullable	Extra Definition	Children
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
bulkprocessingstate_name_unique	UNIQUE	UNIQUE KEY bulkprocessingstate_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkProcessingStateId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (bulkProcessingStateId) USING BTREE
bulkprocessingstate_name_unique	UNIQUE KEY bulkprocessingstate_name_unique (name) USING BTREE

bulkTransfer

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
bulkTransferId	varchar(36)		false		bulkTransferAssociation bulkTransferExtension bulkTransferFulfilmentDuplicateCheck bulkTransferStateChange	bulkTransferDuplicateCheck
bulkQuoteId	varchar(36)		true			
payerParticipantId	int unsigned		true			participant
payeeParticipantId	int unsigned		true			participant
expirationDate	datetime		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
bulktransfer_bulktransferid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferId) REFERENCES bulkTransferDuplicateCheck (bulkTransferId)
bulktransfer_payeeparticipantid_foreign	FOREIGN KEY	FOREIGN KEY (payeeParticipantId) REFERENCES participant (participantId)
bulktransfer_payerparticipantid_foreign	FOREIGN KEY	FOREIGN KEY (payerParticipantId) REFERENCES participant (participantId)

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferId)

Indexes

Name	Definition
bulktransfer_payeeparticipantid_index	KEY bulktransfer_payeeparticipantid_index (payeeParticipantId) USING BTREE
bulktransfer_payerparticipantid_index	KEY bulktransfer_payerparticipantid_index (payerParticipantId) USING BTREE
PRIMARY	PRIMARY KEY (bulkTransferId) USING BTREE

bulkTransferAssociation

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
bulkTransferAssociationId	bigint unsigned		false	auto_increment	
transferId	varchar(36)		false		
bulkTransferId	varchar(36)		false		bulkTransfer
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
bulkProcessingStateId	int unsigned		false		bulkProcessingState
lastProcessedDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
errorCode	int unsigned		true		
errorDescription	varchar(128)		true		

Constraints

Name	Type	Definition
bulktransferassociation_bulkprocessingstateid_foreign	FOREIGN KEY	FOREIGN KEY (bulkProcessingStateId) REFERENCES bulkProcessingState (bulkProcessingStateId)
bulktransferassociation_bulktransferid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferId) REFERENCES bulkTransfer (bulkTransferId)
bulktransferassociation_transferid_bulktransferid_unique	UNIQUE	UNIQUE KEY bulktransferassociation_transferid_bulktransferid_unique (transferId, bulkTransferId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferAssociationId)

Indexes

Name	Definition
bulktransferassociation_bulkprocessingstateid_foreign	KEY bulktransferassociation_bulkprocessingstateid_foreign (bulkProcessingStateId) USING BTREE
bulktransferassociation_bulktransferid_foreign	KEY bulktransferassociation_bulktransferid_foreign (bulkTransferId) USING BTREE
PRIMARY	PRIMARY KEY (bulkTransferAssociationId) USING BTREE
bulktransferassociation_transferid_bulktransferid_unique	UNIQUE KEY bulktransferassociation_transferid_bulktransferid_unique (transferId, bulkTransferId) USING BTREE

bulkTransferDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
bulkTransferId	varchar(36)		false		bulkTransfer
hash	varchar(256)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (bulkTransferId) USING BTREE

bulkTransferError

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
bulkTransferErrorId	bigint unsigned		false	auto_increment	
bulkTransferStateChangeId	bigint unsigned		false		bulkTransferStateChange
errorCode	int unsigned		false		
errorDescription	varchar(128)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
bulktransfererror_bulktransferstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferStateChangeId) REFERENCES bulkTransferStateChange (bulkTransferStateChangeId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferErrorId)

Indexes

Name	Definition
bulktransfererror_bulktransferstatechangeid_index	KEY bulktransfererror_bulktransferstatechangeid_index (bulkTransferStateChangeId) USING BTREE
PRIMARY	PRIMARY KEY (bulkTransferErrorId) USING BTREE

bulkTransferExtension

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
bulkTransferExtensionId	bigint unsigned		false	auto_increment	
bulkTransferId	varchar(36)		false		bulkTransfer
isFulfilment	tinyint(1)	0	false		
key	varchar(128)		false		
value	text		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
bulktransferextension_bulktransferid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferId) REFERENCES bulkTransfer (bulkTransferId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferExtensionId)

Indexes

Name	Definition
bulktransferextension_bulktransferid_index	KEY bulktransferextension_bulktransferid_index (bulkTransferId) USING BTREE
PRIMARY	PRIMARY KEY (bulkTransferExtensionId) USING BTREE

bulkTransferFulfilment

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
bulkTransferId	varchar(36)		false		bulkTransferFulfilmentDuplicateCheck
completedDate	datetime		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
bulktransferfulfilment_bulktransferid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferId) REFERENCES bulkTransferFulfilmentDuplicateCheck (bulkTransferId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (bulkTransferId) USING BTREE

bulkTransferFulfilmentDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
bulkTransferId	varchar(36)		false		bulkTransferFulfilment	bulkTransfer
hash	varchar(256)		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
bulktransferfulfilmentduplicatecheck_bulktransferid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferId) REFERENCES bulkTransfer (bulkTransferId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (bulkTransferId) USING BTREE

bulkTransferState

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
bulkTransferStateId	varchar(50)		false		bulkTransferStateChange	
enumeration	varchar(50)		false			bulkTransferState associated to the Mojaloop API
description	varchar(512)		true			
isActive	tinyint(1)	1	false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferStateId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (bulkTransferStateId) USING BTREE

bulkTransferStateChange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
bulkTransferStateChangeId	bigint unsigned		false	auto_increment	bulkTransferError	
bulkTransferId	varchar(36)		false			bulkTransfer
bulkTransferStateId	varchar(50)		false			bulkTransferState
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
bulktransferstatechange_bulktransferid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferId) REFERENCES bulkTransfer (bulkTransferId)
bulktransferstatechange_bulktransferstateid_foreign	FOREIGN KEY	FOREIGN KEY (bulkTransferStateId) REFERENCES bulkTransferState (bulkTransferStateId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (bulkTransferStateChangeId)

Indexes

Name	Definition
bulktransferstatechange_bulktransferid_index	KEY bulktransferstatechange_bulktransferid_index (bulkTransferId) USING BTREE
bulktransferstatechange_bulktransferstateid_index	KEY bulktransferstatechange_bulktransferstateid_index (bulkTransferStateId) USING BTREE
PRIMARY	PRIMARY KEY (bulkTransferStateChangeId) USING BTREE

contactType

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
contactTypeId	int unsigned		false	auto_increment	participantContact
name	varchar(50)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
contacttype_name_unique	UNIQUE	UNIQUE KEY contacttype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (contactTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (contactTypeId) USING BTREE
contacttype_name_unique	UNIQUE KEY contacttype_name_unique (name) USING BTREE

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currency

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
currencyId	varchar(3)		false		fxQuoteConversionTerms fxQuoteResponseConversionTerms fxTransfer participantCurrency quote quoteParty quoteResponse settlementModel settlementWindowContent transfer
name	varchar(128)		true		
isActive	tinyint(1)	1	false		

Name	Type	Default	Nullable	Extra Definition	Children
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
scale	int unsigned	4	false		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (currencyId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (currencyId) USING BTREE

endpointType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
endpointTypeId	int unsigned		false	auto_increment	participantEndpoint
name	varchar(50)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
endpointtype_name_unique	UNIQUE	UNIQUE KEY endpointtype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (endpointTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (endpointTypeId) USING BTREE

Name	Definition
endpointtype_name_unique	UNIQUE KEY endpointtype_name_unique (name) USING BTREE

event

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition
eventId	int unsigned		false	auto_increment
name	varchar(128)		false	
description	varchar(512)		true	
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (eventId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (eventId) USING BTREE

expiringTransfer

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
expiringTransferId	bigint unsigned		false	auto_increment	
transferId	varchar(36)		false		transfer
expirationDate	datetime		false		

Name	Type	Default	Nullable	Extra Definition	Parents
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
expiringtransfer_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)
expiringtransfer_transferid_unique	UNIQUE	UNIQUE KEY expiringtransfer_transferid_unique (transferId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (expiringTransferId)

Indexes

Name	Definition
expiringtransfer_expirationdate_index	KEY expiringtransfer_expirationdate_index (expirationDate) USING BTREE
PRIMARY	PRIMARY KEY (expiringTransferId) USING BTREE
expiringtransfer_transferid_unique	UNIQUE KEY expiringtransfer_transferid_unique (transferId) USING BTREE

externalParticipant

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
externalParticipantId	bigint unsigned		false	auto_increment	fxTransferParticipant transferParticipant	
name	varchar(30)		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		
proxyId	int unsigned		false			participant

Constraints

Name	Type	Definition
externalparticipant_name_unique	UNIQUE	UNIQUE KEY externalparticipant_name_unique (name)
externalparticipant_proxyid_foreign	FOREIGN KEY	FOREIGN KEY (proxyId) REFERENCES participant (participantId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (externalParticipantId)

Indexes

Name	Definition
externalparticipant_proxyid_foreign	KEY externalparticipant_proxyid_foreign (proxyId) USING BTREE
PRIMARY	PRIMARY KEY (externalParticipantId) USING BTREE
externalparticipant_name_unique	UNIQUE KEY externalparticipant_name_unique (name) USING BTREE

fxCharge

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
fxChargeId	bigint unsigned		false	auto_increment		
chargeType	varchar(32)		false			A description of the charge which is being levied.
conversionId	varchar(36)		false		fxQuoteResponseConversionTerms	
sourceAmount	decimal(18,4)		true			The amount of the charge which is being levied, expressed in the source currency.
sourceCurrency	varchar(3)		true			The currency in which the source amount charge is being levied.
targetAmount	decimal(18,4)		true			The amount of the charge which is being levied, expressed in the target currency.
targetCurrency	varchar(3)		true			The currency in which the target amount charge is being levied.

Constraints

Name	Type	Definition
fxcharge_conversionid_foreign	FOREIGN KEY	FOREIGN KEY (conversionId) REFERENCES fxQuoteResponseConversionTerms (conversionId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxChargeId)

Indexes

Name	Definition
fxcharge_conversionid_foreign	KEY fxcharge_conversionid_foreign (conversionId) USING BTREE
PRIMARY	PRIMARY KEY (fxChargeId) USING BTREE

fxParticipantCurrencyType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
fxParticipantCurrencyTypeId	int unsigned		false	auto_increment	fxTransferParticipant
name	varchar(50)		false		
description	varchar(512)		true		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxparticipantcurrencytype_name_unique	UNIQUE	UNIQUE KEY fxparticipantcurrencytype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxParticipantCurrencyTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (fxParticipantCurrencyTypeId) USING BTREE
fxparticipantcurrencytype_name_unique	UNIQUE KEY fxparticipantcurrencytype_name_unique (name) USING BTREE

fxQuote

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
conversionRequestId	varchar(36)		false		fxQuoteConversionTerms fxQuoteError fxQuoteResponse fxQuoteResponseConversionTerms fxQuoteResponseDuplicateCheck	
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (conversionRequestId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (conversionRequestId) USING BTREE

---

fxQuoteConversionTerms

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
conversionId	varchar(255)		false		fxQuoteConversionTermsExtension		
determiningTransferId	varchar(36)		true				
conversionRequestId	varchar(36)		false			fxQuote	
amountTypeId	int unsigned		false			amountType	This is part of the transaction type that contains valid elements for - Amount Type
initiatingFsp	varchar(255)		true				
counterPartyFsp	varchar(255)		true				
sourceAmount	decimal(18,4)		false				
sourceCurrency	varchar(3)		false			currency	
targetAmount	decimal(18,4)		true				
targetCurrency	varchar(3)		false			currency	
expirationDate	datetime		false				
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED			System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
fxquoteconversionterms_amounttypeid_foreign	FOREIGN KEY	FOREIGN KEY (amountTypeId) REFERENCES amountType (amountTypeId)
fxquoteconversionterms_conversionrequestid_foreign	FOREIGN KEY	FOREIGN KEY (conversionRequestId) REFERENCES fxQuote (conversionRequestId)
fxquoteconversionterms_sourcecurrency_foreign	FOREIGN KEY	FOREIGN KEY (sourceCurrency) REFERENCES currency (currencyId)

Name	Type	Definition
fxquoteconversionterms_targetcurrency_foreign	FOREIGN KEY	FOREIGN KEY (targetCurrency) REFERENCES currency (currencyId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (conversionId)

Indexes

Name	Definition
fxquoteconversionterms_amounttypeid_foreign	KEY fxquoteconversionterms_amounttypeid_foreign (amountTypeId) USING BTREE
fxquoteconversionterms_conversionrequestid_foreign	KEY fxquoteconversionterms_conversionrequestid_foreign (conversionRequestId) USING BTREE
fxquoteconversionterms_sourcecurrency_foreign	KEY fxquoteconversionterms_sourcecurrency_foreign (sourceCurrency) USING BTREE
fxquoteconversionterms_targetcurrency_foreign	KEY fxquoteconversionterms_targetcurrency_foreign (targetCurrency) USING BTREE
PRIMARY	PRIMARY KEY (conversionId) USING BTREE

fxQuoteConversionTermsExtension

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
fxQuoteConversionTermExtension	bigint unsigned		false	auto_increment		
conversionId	varchar(36)		false		fxQuoteConversionTerms	
key	varchar(128)		false			
value	text		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
fxquoteconversiontermsextension_conversionid_foreign	FOREIGN KEY	FOREIGN KEY (conversionId) REFERENCES fxQuoteConversionTerms (conversionId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxQuoteConversionTermExtension)

Indexes

Name	Definition
fxquoteconversiontermsextension_conversionid_foreign	KEY fxquoteconversiontermsextension_conversionid_foreign (conversionId) USING BTREE

Name	Definition
PRIMARY	PRIMARY KEY (fxQuoteConversionTermExtension) USING BTREE

fxQuoteDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Comment
conversionRequestId	varchar(36)		false		
hash	varchar(1024)		true		hash value received for the quote request
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (conversionRequestId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (conversionRequestId) USING BTREE

fxQuoteError

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
fxQuoteErrorId	bigint unsigned		false	auto_increment		
conversionRequestId	varchar(36)		false		fxQuote	
fxQuoteResponseId	bigint unsigned		true		fxQuoteResponse	The response to the initial fxQuote
errorCode	int unsigned		false			

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
errorDescription	varchar(128)		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
fxquoteerror_conversionrequestid_foreign	FOREIGN KEY	FOREIGN KEY (conversionRequestId) REFERENCES fxQuote (conversionRequestId)
fxquoteerror_fxquoteresponseid_foreign	FOREIGN KEY	FOREIGN KEY (fxQuoteResponseId) REFERENCES fxQuoteResponse (fxQuoteResponseId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxQuoteErrorId)

Indexes

Name	Definition
fxquoteerror_conversionrequestid_foreign	KEY fxquoteerror_conversionrequestid_foreign (conversionRequestId) USING BTREE
fxquoteerror_fxquoteresponseid_foreign	KEY fxquoteerror_fxquoteresponseid_foreign (fxQuoteResponseId) USING BTREE
PRIMARY	PRIMARY KEY (fxQuoteErrorId) USING BTREE

fxQuoteResponse

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
fxQuoteResponseId	bigint unsigned		false	auto_increment	fxQuoteError fxQuoteResponseConversionTerms fxQuoteResponseDuplicateCheck		
conversionRequestId	varchar(36)		false			fxQuote	
ilpCondition	varchar(256)		false				
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED			System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
fxquoteresponse_conversionrequestid_foreign	FOREIGN KEY	FOREIGN KEY (conversionRequestId) REFERENCES fxQuote (conversionRequestId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxQuoteResponseId)

Indexes

Name	Definition
fxquoteresponse_conversionrequestid_foreign	KEY fxquoteresponse_conversionrequestid_foreign (conversionRequestId) USING BTREE
PRIMARY	PRIMARY KEY (fxQuoteResponseId) USING BTREE

fxQuoteResponseConversionTerms

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
conversionId	varchar(255)		false		fxCharge fxQuoteResponseConversionTermsExtension		
determiningTransferId	varchar(36)		true				
conversionRequestId	varchar(36)		false			fxQuote	
fxQuoteResponseId	bigint unsigned		false			fxQuoteResponse	
amountTypeId	int unsigned		false			amountType	This is part of the transaction type that contains valid elements for - Amount Type
initiatingFsp	varchar(255)		true				
counterPartyFsp	varchar(255)		true				
sourceAmount	decimal(18,4)		false				
sourceCurrency	varchar(3)		false			currency	
targetAmount	decimal(18,4)		false				
targetCurrency	varchar(3)		false			currency	
expirationDate	datetime		false				
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED			System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
fxquoteresponseconversionterms_amounttypeid_foreign	FOREIGN KEY	FOREIGN KEY (amountTypeId) REFERENCES amountType (amountTypeId)
fxquoteresponseconversionterms_conversionrequestid_foreign	FOREIGN KEY	FOREIGN KEY (conversionRequestId) REFERENCES fxQuote (conversionRequestId)
fxquoteresponseconversionterms_fxquoteresponseid_foreign	FOREIGN KEY	FOREIGN KEY (fxQuoteResponseId) REFERENCES fxQuoteResponse (fxQuoteResponseId)
fxquoteresponseconversionterms_sourcecurrency_foreign	FOREIGN KEY	FOREIGN KEY (sourceCurrency) REFERENCES currency (currencyId)
fxquoteresponseconversionterms_targetcurrency_foreign	FOREIGN KEY	FOREIGN KEY (targetCurrency) REFERENCES currency (currencyId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (conversionId)

Indexes

Name	Definition
fxquoteresponseconversionterms_amounttypeid_foreign	KEY fxquoteresponseconversionterms_amounttypeid_foreign (amountTypeId) USING BTREE
fxquoteresponseconversionterms_conversionrequestid_foreign	KEY fxquoteresponseconversionterms_conversionrequestid_foreign (conversionRequestId) USING BTREE
fxquoteresponseconversionterms_fxquoteresponseid_foreign	KEY fxquoteresponseconversionterms_fxquoteresponseid_foreign (fxQuoteResponseId) USING BTREE
fxquoteresponseconversionterms_sourcecurrency_foreign	KEY fxquoteresponseconversionterms_sourcecurrency_foreign (sourceCurrency) USING BTREE
fxquoteresponseconversionterms_targetcurrency_foreign	KEY fxquoteresponseconversionterms_targetcurrency_foreign (targetCurrency) USING BTREE
PRIMARY	PRIMARY KEY (conversionId) USING BTREE

fxQuoteResponseConversionTermsExtension

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
fxQuoteResponseConversionTermsExtension	bigint unsigned		false	auto_increment		
conversionId	varchar(36)		false		fxQuoteResponseConversionTerms	
key	varchar(128)		false			
value	text		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
fxquoteresponseconversiontermsextension_conversionid_foreign	FOREIGN KEY	FOREIGN KEY (conversionId) REFERENCES fxQuoteResponseConversionTerms (conversionId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxQuoteResponseConversionTermsExtension)

Indexes

Name	Definition
fxquoteresponseconversiontermsextension_conversionid_foreign	KEY fxquoteresponseconversiontermsextension_conversionid_foreign (conversionId) USING BTREE
PRIMARY	PRIMARY KEY (fxQuoteResponseConversionTermsExtension) USING BTREE

fxQuoteResponseDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
fxQuoteResponseId	bigint unsigned		false	auto_increment	fxQuoteResponse	The response to the initial quote
conversionRequestId	varchar(36)		false		fxQuote	
hash	varchar(255)		true			hash value received for the quote response
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
fxquoteresponseduplicatecheck_conversionrequestid_foreign	FOREIGN KEY	FOREIGN KEY (conversionRequestId) REFERENCES fxQuote (conversionRequestId)
fxquoteresponseduplicatecheck_fxquoteresponseid_foreign	FOREIGN KEY	FOREIGN KEY (fxQuoteResponseId) REFERENCES fxQuoteResponse (fxQuoteResponseId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxQuoteResponseId)

Indexes

Name	Definition
fxquoteresponseduplicatecheck_conversionrequestid_foreign	KEY fxquoteresponseduplicatecheck_conversionrequestid_foreign (conversionRequestId) USING BTREE
PRIMARY	PRIMARY KEY (fxQuoteResponseId) USING BTREE

fxTransfer

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
commitRequestId	varchar(36)		false		fxTransferExtension fxTransferFulfilment fxTransferFulfilmentDuplicateCheck fxTransferParticipant fxTransferStateChange fxTransferTimeout fxWatchList	fxTransferDuplicateCheck
determiningTransferId	varchar(36)		true			
sourceAmount	decimal(18,4)		false			

Name	Type	Default	Nullable	Extra Definition	Children	Parents
targetAmount	decimal(18,4)		false			
sourceCurrency	varchar(3)		false			currency
targetCurrency	varchar(3)		false			currency
ilpCondition	varchar(256)		false			
expirationDate	datetime		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
fxtransfer_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransferDuplicateCheck (commitRequestId)
fxtransfer_sourcecurrency_foreign	FOREIGN KEY	FOREIGN KEY (sourceCurrency) REFERENCES currency (currencyId)
fxtransfer_targetcurrency_foreign	FOREIGN KEY	FOREIGN KEY (targetCurrency) REFERENCES currency (currencyId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (commitRequestId)

Indexes

Name	Definition
fxtransfer_determiningtransferid_index	KEY fxtransfer_determiningtransferid_index (determiningTransferId) USING BTREE
fxtransfer_sourcecurrency_index	KEY fxtransfer_sourcecurrency_index (sourceCurrency) USING BTREE
fxtransfer_targetcurrency_index	KEY fxtransfer_targetcurrency_index (targetCurrency) USING BTREE
PRIMARY	PRIMARY KEY (commitRequestId) USING BTREE

fxTransferDuplicateCheck

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
commitRequestId	varchar(36)		false		fxTransfer
hash	varchar(256)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (commitRequestId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (commitRequestId) USING BTREE

fxTransferError

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
commitRequestId	varchar(36)		false		
fxTransferStateChangeId	bigint unsigned		false		fxTransferStateChange
errorCode	int unsigned		false		
errorDescription	varchar(128)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxtransfererror_fxtransferstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (fxTransferStateChangeId) REFERENCES fxTransferStateChange (fxTransferStateChangeId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (commitRequestId)

Indexes

Name	Definition
fxtransfererror_fxtransferstatechangeid_index	KEY fxtransfererror_fxtransferstatechangeid_index (fxTransferStateChangeId) USING BTREE
PRIMARY	PRIMARY KEY (commitRequestId) USING BTREE

fxTransferErrorDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition
commitRequestId	varchar(36)		false	
hash	varchar(256)		false	
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (commitRequestId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (commitRequestId) USING BTREE

fxTransferExtension

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
fxTransferExtensionId	bigint unsigned		false	auto_increment	
commitRequestId	varchar(36)		false		fxTransfer
isFulfilment	tinyint(1)	0	false		
isError	tinyint(1)	0	false		
key	varchar(128)		false		
value	text		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxtransferextension_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransfer (commitRequestId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxTransferExtensionId)

Indexes

Name	Definition
fxtransferextension_commitrequestid_index	KEY fxtransferextension_commitrequestid_index (commitRequestId) USING BTREE
PRIMARY	PRIMARY KEY (fxTransferExtensionId) USING BTREE

fxTransferFulfilment

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
commitRequestId	varchar(36)		false		fxTransfer
ilpFulfilment	varchar(256)		true		
completedDate	datetime		false		
isValid	tinyint(1)		true		
settlementWindowId	bigint unsigned		true		settlementWindow
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxtransferfulfilment_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransfer (commitRequestId)
fxtransferfulfilment_commitrequestid_ilpfulfilment_unique	UNIQUE	UNIQUE KEY fxtransferfulfilment_commitrequestid_ilpfulfilment_unique (commitRequestId, ilpFulfilment)
fxtransferfulfilment_settlementwindowid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowId) REFERENCES settlementWindow (settlementWindowId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (commitRequestId)

Indexes

Name	Definition
fxtransferfulfilment_commitrequestid_index	KEY fxtransferfulfilment_commitrequestid_index (commitRequestId) USING BTREE
fxtransferfulfilment_settlementwindowid_index	KEY fxtransferfulfilment_settlementwindowid_index (settlementWindowId) USING BTREE
PRIMARY	PRIMARY KEY (commitRequestId) USING BTREE
fxtransferfulfilment_commitrequestid_ilpfulfilment_unique	UNIQUE KEY fxtransferfulfilment_commitrequestid_ilpfulfilment_unique (commitRequestId, ilpFulfilment) USING BTREE

fxTransferFulfilmentDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
commitRequestId	varchar(36)		false		fxTransfer
hash	varchar(256)		true		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxtransferfulfilmentduplicatecheck_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransfer (commitRequestId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (commitRequestId)

Indexes

Name	Definition
fxtransferfulfilmentduplicatecheck_commitrequestid_index	KEY fxtransferfulfilmentduplicatecheck_commitrequestid_index (commitRequestId) USING BTREE
PRIMARY	PRIMARY KEY (commitRequestId) USING BTREE

fxTransferParticipant

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
fxTransferParticipantId	bigint unsigned		false	auto_increment	
commitRequestId	varchar(36)		false		fxTransfer
participantCurrencyId	int unsigned		true		participantCurrency
transferParticipantRoleTypeId	int unsigned		false		transferParticipantRoleType
ledgerEntryTypeId	int unsigned		false		ledgerEntryType
fxParticipantCurrencyTypeId	int unsigned		true		fxParticipantCurrencyType
amount	decimal(18,4)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
participantId	int unsigned		false		
externalParticipantId	bigint unsigned		true		externalParticipant

Constraints

Name	Type	Definition
fxtransferparticipant_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransfer (commitRequestId)
fxtransferparticipant_externalparticipantid_foreign	FOREIGN KEY	FOREIGN KEY (externalParticipantId) REFERENCES externalParticipant (externalParticipantId)
fxtransferparticipant_fxparticipantcurrencytypeid_foreign	FOREIGN KEY	FOREIGN KEY (fxParticipantCurrencyTypeId) REFERENCES fxParticipantCurrencyType (fxParticipantCurrencyTypeId)
fxtransferparticipant_ledgerentrytypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerEntryTypeId) REFERENCES ledgerEntryType (ledgerEntryTypeId)
fxtransferparticipant_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
fxtransferparticipant_transferparticipantroletypeid_foreign	FOREIGN KEY	FOREIGN KEY (transferParticipantRoleTypeId) REFERENCES transferParticipantRoleType (transferParticipantRoleTypeId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxTransferParticipantId)

Indexes

Name	Definition
fxtransferparticipant_commitrequestid_index	KEY fxtransferparticipant_commitrequestid_index (commitRequestId) USING BTREE
fxtransferparticipant_externalparticipantid_index	KEY fxtransferparticipant_externalparticipantid_index (externalParticipantId) USING BTREE
fxtransferparticipant_fxparticipantcurrencytypeid_foreign	KEY fxtransferparticipant_fxparticipantcurrencytypeid_foreign (fxParticipantCurrencyTypeId) USING BTREE
fxtransferparticipant_ledgerentrytypeid_index	KEY fxtransferparticipant_ledgerentrytypeid_index (ledgerEntryTypeId) USING BTREE
fxtransferparticipant_participantcurrencyid_index	KEY fxtransferparticipant_participantcurrencyid_index (participantCurrencyId) USING BTREE
fxtransferparticipant_participantid_index	KEY fxtransferparticipant_participantid_index (participantId) USING BTREE
fxtransferparticipant_transferparticipantroletypeid_index	KEY fxtransferparticipant_transferparticipantroletypeid_index (transferParticipantRoleTypeId) USING BTREE
PRIMARY	PRIMARY KEY (fxTransferParticipantId) USING BTREE

fxTransferStateChange

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
fxTransferStateChangeId	bigint unsigned		false	auto_increment	fxTransferError participantPositionChange	
commitRequestId	varchar(36)		false			fxTransfer
transferStateId	varchar(50)		false			transferState
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
fxtransferstatechange_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransfer (commitRequestId)
fxtransferstatechange_transferstateid_foreign	FOREIGN KEY	FOREIGN KEY (transferStateId) REFERENCES transferState (transferStateId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxTransferStateChangeId)

Indexes

Name	Definition
fxtransferstatechange_commitrequestid_index	KEY fxtransferstatechange_commitrequestid_index (commitRequestId) USING BTREE
fxtransferstatechange_transferstateid_index	KEY fxtransferstatechange_transferstateid_index (transferStateId) USING BTREE
PRIMARY	PRIMARY KEY (fxTransferStateChangeId) USING BTREE

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fxTransferTimeout

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
fxTransferTimeoutId	bigint unsigned		false	auto_increment	

Name	Type	Default	Nullable	Extra Definition	Parents
commitRequestId	varchar(36)		false		fxTransfer
expirationDate	datetime		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxtransfertimeout_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransfer (commitRequestId)
fxtransfertimeout_commitrequestid_unique	UNIQUE	UNIQUE KEY fxtransfertimeout_commitrequestid_unique (commitRequestId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxTransferTimeoutId)

Indexes

Name	Definition
fxtransfertimeout_expirationdate_index	KEY fxtransfertimeout_expirationdate_index (expirationDate) USING BTREE
PRIMARY	PRIMARY KEY (fxTransferTimeoutId) USING BTREE
fxtransfertimeout_commitrequestid_unique	UNIQUE KEY fxtransfertimeout_commitrequestid_unique (commitRequestId) USING BTREE

fxTransferType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
fxTransferTypeId	int unsigned		false	auto_increment	fxWatchList
name	varchar(50)		false		
description	varchar(512)		true		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxtransfertype_name_unique	UNIQUE	UNIQUE KEY fxtransfertype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxTransferTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (fxTransferTypeId) USING BTREE
fxtransfertype_name_unique	UNIQUE KEY fxtransfertype_name_unique (name) USING BTREE

fxWatchList

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
fxWatchListId	bigint unsigned		false	auto_increment	
commitRequestId	varchar(36)		false		fxTransfer
determiningTransferId	varchar(36)		false		
fxTransferTypeId	int unsigned		false		fxTransferType
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
fxwatchlist_commitrequestid_foreign	FOREIGN KEY	FOREIGN KEY (commitRequestId) REFERENCES fxTransfer (commitRequestId)
fxwatchlist_fxtransfertypeid_foreign	FOREIGN KEY	FOREIGN KEY (fxTransferTypeId) REFERENCES fxTransferType (fxTransferTypeId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (fxWatchListId)

Indexes

Name	Definition
fxwatchlist_commitrequestid_index	KEY fxwatchlist_commitrequestid_index (commitRequestId) USING BTREE
fxwatchlist_determiningtransferid_index	KEY fxwatchlist_determiningtransferid_index (determiningTransferId) USING BTREE
fxwatchlist_fxtransfertypeid_foreign	KEY fxwatchlist_fxtransfertypeid_foreign (fxTransferTypeId) USING BTREE
PRIMARY	PRIMARY KEY (fxWatchListId) USING BTREE

geoCode

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
geoCodeId	int unsigned		false	auto_increment		
quotePartyId	bigint unsigned		false		quoteParty	Optionally the GeoCode for the Payer/Payee may have been provided. If the Quote Response has the GeoCode for the Payee, an additional row is added
latitude	varchar(50)		false			Latitude of the initiating Party
longitude	varchar(50)		false			Longitude of the initiating Party
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
geocode_quotepartyid_foreign	FOREIGN KEY	FOREIGN KEY (quotePartyId) REFERENCES quoteParty (quotePartyId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (geoCodeId)

Indexes

Name	Definition
geocode_quotepartyid_foreign	KEY geocode_quotepartyid_foreign (quotePartyId) USING BTREE
PRIMARY	PRIMARY KEY (geoCodeId) USING BTREE

ilpPacket

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
transferId	varchar(36)		false		transfer
value	text		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
ilppacket_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferId) USING BTREE

ledgerAccountType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
ledgerAccountTypeId	int unsigned		false	auto_increment	ledgerEntryType participantCurrency settlementModel settlementWindowContent
name	varchar(50)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
isSettleable	tinyint(1)	0	false		

Constraints

Name	Type	Definition
ledgeraccounttype_name_unique	UNIQUE	UNIQUE KEY ledgeraccounttype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (ledgerAccountTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (ledgerAccountTypeId) USING BTREE
ledgeraccounttype_name_unique	UNIQUE KEY ledgeraccounttype_name_unique (name) USING BTREE

ledgerEntryType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
ledgerEntryTypeId	int unsigned		false	auto_increment	fxTransferParticipant quoteParty settlementContentAggregation settlementTransferParticipant transferParticipant	
name	varchar(50)		false			
description	varchar(512)		true			
isActive	tinyint(1)	1	false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		
ledgerAccountTypeId	int unsigned		true			ledgerAccountType

Constraints

Name	Type	Definition
ledgerentrytype_ledgeraccounttypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerAccountTypeId) REFERENCES ledgerAccountType (ledgerAccountTypeId)
ledgerentrytype_name_unique	UNIQUE	UNIQUE KEY ledgerentrytype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (ledgerEntryTypeId)

Indexes

Name	Definition
ledgerentrytype_ledgeraccounttypeid_foreign	KEY ledgerentrytype_ledgeraccounttypeid_foreign (ledgerAccountTypeId) USING BTREE
PRIMARY	PRIMARY KEY (ledgerEntryTypeId) USING BTREE
ledgerentrytype_name_unique	UNIQUE KEY ledgerentrytype_name_unique (name) USING BTREE

migration

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition
id	int unsigned		false	auto_increment
name	varchar(255)		true	
batch	int		true	
migration_time	timestamp		true	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (id)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (id) USING BTREE

migration_lock

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition
index	int unsigned		false	auto_increment
is_locked	int		true	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (index)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (index) USING BTREE

participant

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
participantId	int unsigned		false	auto_increment	bulkTransfer externalParticipant participantContact participantCurrency participantEndpoint participantParty quoteParty token
name	varchar(256)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
createdBy	varchar(128)		false		
isProxy	tinyint(1)	0	false		

Constraints

Name	Type	Definition
participant_name_unique	UNIQUE	UNIQUE KEY participant_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (participantId) USING BTREE
participant_name_unique	UNIQUE KEY participant_name_unique (name) USING BTREE

participantContact

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
participantContactId	int unsigned		false	auto_increment	

Name	Type	Default	Nullable	Extra Definition	Parents
participantId	int unsigned		false		participant
contactTypeId	int unsigned		false		contactType
value	varchar(256)		false		
priorityPreference	int	9	false		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
createdBy	varchar(128)		false		

Constraints

Name	Type	Definition
participantcontact_contacttypeid_foreign	FOREIGN KEY	FOREIGN KEY (contactTypeId) REFERENCES contactType (contactTypeId)
participantcontact_participantid_foreign	FOREIGN KEY	FOREIGN KEY (participantId) REFERENCES participant (participantId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantContactId)

Indexes

Name	Definition
participantcontact_contacttypeid_index	KEY participantcontact_contacttypeid_index (contactTypeId) USING BTREE
participantcontact_participantid_index	KEY participantcontact_participantid_index (participantId) USING BTREE
PRIMARY	PRIMARY KEY (participantContactId) USING BTREE

participantCurrency

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
participantCurrencyId	int unsigned		false	auto_increment	fxTransferParticipant participantLimit participantPosition participantPositionChange settlementContentAggregation settlementParticipantCurrency settlementTransferParticipant transferParticipant	
participantId	int unsigned		false			participant
currencyId	varchar(3)		false			currency
ledgerAccountTypeId	int unsigned		false			ledgerAccountType
isActive	tinyint(1)	1	false			

Name	Type	Default	Nullable	Extra Definition	Children	Parents
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		
createdBy	varchar(128)		false			

Constraints

Name	Type	Definition
participantcurrency_currencyid_foreign	FOREIGN KEY	FOREIGN KEY (currencyId) REFERENCES currency (currencyId)
participantcurrency_ledgeraccounttypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerAccountTypeId) REFERENCES ledgerAccountType (ledgerAccountTypeId)
participantcurrency_participantid_foreign	FOREIGN KEY	FOREIGN KEY (participantId) REFERENCES participant (participantId)
participantcurrency_pcl_unique	UNIQUE	UNIQUE KEY participantcurrency_pcl_unique (participantId, currencyId, ledgerAccountTypeId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantCurrencyId)

Indexes

Name	Definition
participantcurrency_currencyid_index	KEY participantcurrency_currencyid_index (currencyId) USING BTREE
participantcurrency_ledgeraccounttypeid_foreign	KEY participantcurrency_ledgeraccounttypeid_foreign (ledgerAccountTypeId) USING BTREE
participantcurrency_participantid_index	KEY participantcurrency_participantid_index (participantId) USING BTREE
PRIMARY	PRIMARY KEY (participantCurrencyId) USING BTREE
participantcurrency_pcl_unique	UNIQUE KEY participantcurrency_pcl_unique (participantId, currencyId, ledgerAccountTypeId) USING BTREE

participantEndpoint

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
participantEndpointId	int unsigned		false	auto_increment	
participantId	int unsigned		false		participant
endpointTypeId	int unsigned		false		endpointType
value	varchar(512)		false		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
createdBy	varchar(128)		false		

Constraints

Name	Type	Definition
participantendpoint_endpointtypeid_foreign	FOREIGN KEY	FOREIGN KEY (endpointTypeId) REFERENCES endpointType (endpointTypeId)
participantendpoint_participantid_endpointtypeid_unique	UNIQUE	UNIQUE KEY participantendpoint_participantid_endpointtypeid_unique (participantId, endpointTypeId)
participantendpoint_participantid_foreign	FOREIGN KEY	FOREIGN KEY (participantId) REFERENCES participant (participantId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantEndpointId)

Indexes

Name	Definition
participantendpoint_endpointtypeid_index	KEY participantendpoint_endpointtypeid_index (endpointTypeId) USING BTREE
participantendpoint_participantid_index	KEY participantendpoint_participantid_index (participantId) USING BTREE
PRIMARY	PRIMARY KEY (participantEndpointId) USING BTREE
participantendpoint_participantid_endpointtypeid_unique	UNIQUE KEY participantendpoint_participantid_endpointtypeid_unique (participantId, endpointTypeId) USING BTREE

participantLimit

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
participantLimitId	int unsigned		false	auto_increment	
participantCurrencyId	int unsigned		false		participantCurrency
participantLimitTypeId	int unsigned		false		participantLimitType
value	decimal(18,4)	0.0000	false		
thresholdAlarmPercentage	decimal(5,2)	10.00	false		
startAfterParticipantPositionChangeId	bigint unsigned		true		participantPositionChange
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
createdBy	varchar(128)		false		

Constraints

Name	Type	Definition
participantlimit_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
participantlimit_participantlimittypeid_foreign	FOREIGN KEY	FOREIGN KEY (participantLimitTypeId) REFERENCES participantLimitType (participantLimitTypeId)
participantlimit_startafterparticipantpositionchangeid_foreign	FOREIGN KEY	FOREIGN KEY (startAfterParticipantPositionChangeId) REFERENCES participantPositionChange (participantPositionChangeId)
participantLimit_unique_idx	UNIQUE	UNIQUE KEY participantLimit_unique_idx (participantCurrencyId, participantLimitTypeId, isActive, participantLimitId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantLimitId)

Indexes

Name	Definition
participantlimit_participantcurrencyid_index	KEY participantlimit_participantcurrencyid_index (participantCurrencyId) USING BTREE
participantlimit_participantlimittypeid_index	KEY participantlimit_participantlimittypeid_index (participantLimitTypeId) USING BTREE
participantlimit_startafterparticipantpositionchangeid_index	KEY participantlimit_startafterparticipantpositionchangeid_index (startAfterParticipantPositionChangeId) USING BTREE
PRIMARY	PRIMARY KEY (participantLimitId) USING BTREE
participantLimit_unique_idx	UNIQUE KEY participantLimit_unique_idx (participantCurrencyId, participantLimitTypeId, isActive, participantLimitId) USING BTREE

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participantLimitType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
participantLimitTypeId	int unsigned		false	auto_increment	participantLimit
name	varchar(50)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
participantlimittype_name_unique	UNIQUE	UNIQUE KEY participantlimittype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantLimitTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (participantLimitTypeId) USING BTREE
participantlimittype_name_unique	UNIQUE KEY participantlimittype_name_unique (name) USING BTREE

participantParty

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
participantPartyId	bigint unsigned		false	auto_increment	
participantId	int unsigned		false		participant
partyId	bigint unsigned		false		

Constraints

Name	Type	Definition
participantparty_participantid_foreign	FOREIGN KEY	FOREIGN KEY (participantId) REFERENCES participant (participantId)
participantparty_participantid_partyid_unique	UNIQUE	UNIQUE KEY participantparty_participantid_partyid_unique (participantId, partyId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantPartyId)

Indexes

Name	Definition
participantparty_participantid_index	KEY participantparty_participantid_index (participantId) USING BTREE
PRIMARY	PRIMARY KEY (participantPartyId) USING BTREE
participantparty_participantid_partyid_unique	UNIQUE KEY participantparty_participantid_partyid_unique (participantId, partyId) USING BTREE

participantPosition

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
participantPositionId	bigint unsigned		false	auto_increment	participantPositionChange	
participantCurrencyId	int unsigned		false			participantCurrency
value	decimal(18,4)		false			
reservedValue	decimal(18,4)		false			
changedDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
participantposition_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantPositionId)

Indexes

Name	Definition
participantposition_participantcurrencyid_index	KEY participantposition_participantcurrencyid_index (participantCurrencyId) USING BTREE
PRIMARY	PRIMARY KEY (participantPositionId) USING BTREE

participantPositionChange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
participantPositionChangeId	bigint unsigned		false	auto_increment	participantLimit	
participantPositionId	bigint unsigned		false			participantPosition
transferStateChangeId	bigint unsigned		true			transferStateChange
value	decimal(18,4)		false			
reservedValue	decimal(18,4)		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		
participantCurrencyId	int unsigned		false			participantCurrency
change	decimal(18,4)		false			

Name	Type	Default	Nullable	Extra Definition	Children	Parents
fxTransferStateChangeId	bigint unsigned		true			fxTransferStateChange

Constraints

Name	Type	Definition
participantpositionchange_fxtransferstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (fxTransferStateChangeId) REFERENCES fxTransferStateChange (fxTransferStateChangeId)
participantpositionchange_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
participantpositionchange_participantpositionid_foreign	FOREIGN KEY	FOREIGN KEY (participantPositionId) REFERENCES participantPosition (participantPositionId)
participantpositionchange_transferstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (transferStateChangeId) REFERENCES transferStateChange (transferStateChangeId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (participantPositionChangeId)

Indexes

Name	Definition
participantpositionchange_fxtransferstatechangeid_foreign	KEY participantpositionchange_fxtransferstatechangeid_foreign (fxTransferStateChangeId) USING BTREE
participantpositionchange_participantcurrencyid_foreign	KEY participantpositionchange_participantcurrencyid_foreign (participantCurrencyId) USING BTREE
participantpositionchange_participantpositionid_index	KEY participantpositionchange_participantpositionid_index (participantPositionId) USING BTREE
participantpositionchange_transferstatechangeid_index	KEY participantpositionchange_transferstatechangeid_index (transferStateChangeId) USING BTREE
PRIMARY	PRIMARY KEY (participantPositionChangeId) USING BTREE

party

Description

Optional pers. data provided during Quote Request & Response

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
partyId	bigint unsigned		false	auto_increment	
quotePartyId	bigint unsigned		false		quoteParty
firstName	varchar(128)		true		
middleName	varchar(128)		true		
lastName	varchar(128)		true		
dateOfBirth	datetime		true		

Constraints

Name	Type	Definition
party_quotepartyid_foreign	FOREIGN KEY	FOREIGN KEY (quotePartyId) REFERENCES quoteParty (quotePartyId)
PRIMARY	PRIMARY KEY	PRIMARY KEY (partyId)

Indexes

Name	Definition
party_quotepartyid_foreign	KEY party_quotepartyid_foreign (quotePartyId) USING BTREE
PRIMARY	PRIMARY KEY (partyId) USING BTREE

partyIdentifierType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
partyIdentifierTypeId	int unsigned		false	auto_increment	quoteParty
name	varchar(50)		false		
description	varchar(512)		false		

Constraints

Name	Type	Definition
partyidentifiertype_name_unique	UNIQUE	UNIQUE KEY partyidentifiertype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (partyIdentifierTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (partyIdentifierTypeId) USING BTREE
partyidentifiertype_name_unique	UNIQUE KEY partyidentifiertype_name_unique (name) USING BTREE

partyType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
partyTypeId	int unsigned		false	auto_increment	quoteParty
name	varchar(128)		false		
description	varchar(256)		false		

Constraints

Name	Type	Definition
partytype_name_unique	UNIQUE	UNIQUE KEY partytype_name_unique (name)
PRIMARY	PRIMARY KEY	PRIMARY KEY (partyTypeId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (partyTypeId) USING BTREE
partytype_name_unique	UNIQUE KEY partytype_name_unique (name) USING BTREE

quote

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
quoteId	varchar(36)		false		quoteError quoteExtension quoteParty quoteResponse quoteResponseDuplicateCheck		
transactionReferenceId	varchar(36)		false			transactionReference	Common ID (decided by the Payer FSP) between the FSPs for the future transaction object
transactionRequestId	varchar(36)		true				Optional previously-sent transaction request
note	text		true				A memo that will be attached to the transaction

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
expirationDate	datetime		true				Optional expiration for the requested transaction
transactionInitiatorId	int unsigned		false			transactionInitiator	This is part of the transaction initiator
transactionInitiatorTypeId	int unsigned		false			transactionInitiatorType	This is part of the transaction initiator type
transactionScenarioId	int unsigned		false			transactionScenario	This is part of the transaction scenario
balanceOfPaymentsId	int unsigned		true			balanceOfPayments	This is part of the transaction type that contains the elements- balance of payment
transactionSubScenarioId	int unsigned		true			transactionSubScenario	This is part of the transaction type sub scenario as defined by the local scheme
amountTypeId	int unsigned		false			amountType	This is part of the transaction type that contains valid elements for - Amount Type
amount	decimal(18,4)	0.0000	false				The amount that the quote is being requested for. Need to be interpert in accordance with the amount type
currencyId	varchar(255)		true			currency	Trading currency pertaining to the Amount
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED			System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quoteId)
quote_amounttypeid_foreign	FOREIGN KEY	FOREIGN KEY (amountTypeId) REFERENCES amountType (amountTypeId)
quote_balanceofpaymentsid_foreign	FOREIGN KEY	FOREIGN KEY (balanceOfPaymentsId) REFERENCES balanceOfPayments (balanceOfPaymentsId)
quote_currencyid_foreign	FOREIGN KEY	FOREIGN KEY (currencyId) REFERENCES currency (currencyId)
quote_transactioninitiatorid_foreign	FOREIGN KEY	FOREIGN KEY (transactionInitiatorId) REFERENCES transactionInitiator (transactionInitiatorId)
quote_transactioninitiatortypeid_foreign	FOREIGN KEY	FOREIGN KEY (transactionInitiatorTypeId) REFERENCES transactionInitiatorType (transactionInitiatorTypeId)
quote_transactionreferenceid_foreign	FOREIGN KEY	FOREIGN KEY (transactionReferenceId) REFERENCES transactionReference (transactionReferenceId)
quote_transactionscenarioid_foreign	FOREIGN KEY	FOREIGN KEY (transactionScenarioId) REFERENCES transactionScenario (transactionScenarioId)
quote_transactionsubscenarioid_foreign	FOREIGN KEY	FOREIGN KEY (transactionSubScenarioId) REFERENCES transactionSubScenario (transactionSubScenarioId)

Indexes

Name	Definition
quote_amounttypeid_foreign	KEY quote_amounttypeid_foreign (amountTypeId) USING BTREE
quote_balanceofpaymentsid_foreign	KEY quote_balanceofpaymentsid_foreign (balanceOfPaymentsId) USING BTREE
quote_currencyid_foreign	KEY quote_currencyid_foreign (currencyId) USING BTREE
quote_transactioninitiatorid_foreign	KEY quote_transactioninitiatorid_foreign (transactionInitiatorId) USING BTREE
quote_transactioninitiatortypeid_foreign	KEY quote_transactioninitiatortypeid_foreign (transactionInitiatorTypeId) USING BTREE
quote_transactionreferenceid_foreign	KEY quote_transactionreferenceid_foreign (transactionReferenceId) USING BTREE

Name	Definition
quote_transactionrequestid_foreign	KEY quote_transactionrequestid_foreign (transactionRequestId) USING BTREE
quote_transactionscenarioid_foreign	KEY quote_transactionscenarioid_foreign (transactionScenarioId) USING BTREE
quote_transactionsubscenarioid_foreign	KEY quote_transactionsubscenarioid_foreign (transactionSubScenarioId) USING BTREE
PRIMARY	PRIMARY KEY (quoteId) USING BTREE

quoteDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
quoteId	varchar(36)		false		transactionReference	Common ID between the FSPs for the quote object, decided by the Payer FSP
hash	varchar(1024)		true			hash value received for the quote request
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quoteId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (quoteId) USING BTREE

quoteError

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
quoteErrorId	bigint unsigned		false	auto_increment		

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
quoteId	varchar(36)		false		quote	Common ID between the FSPs for the quote object, decided by the Payer FSP
quoteResponseId	bigint unsigned		true		quoteResponse	The response to the intial quote
errorCode	int unsigned		false			
errorDescription	varchar(128)		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quoteErrorId)
quoteerror_quoteid_foreign	FOREIGN KEY	FOREIGN KEY (quoteId) REFERENCES quote (quoteId)
quoteerror_quoteresponseid_foreign	FOREIGN KEY	FOREIGN KEY (quoteResponseId) REFERENCES quoteResponse (quoteResponseId)

Indexes

Name	Definition
quoteerror_quoteid_foreign	KEY quoteerror_quoteid_foreign (quoteId) USING BTREE
quoteerror_quoteresponseid_foreign	KEY quoteerror_quoteresponseid_foreign (quoteResponseId) USING BTREE
PRIMARY	PRIMARY KEY (quoteErrorId) USING BTREE

quoteExtension

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
quoteExtensionId	bigint unsigned		false	auto_increment		
quoteId	varchar(36)		false		quote	Common ID between the FSPs for the quote object, decided by the Payer FSP
quoteResponseId	bigint unsigned		true		quoteResponse	
transactionId	varchar(36)		true		transactionReference	The transaction reference that is part of the initial quote
key	varchar(128)		false			
value	text		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quoteExtensionId)
quoteextension_quoteid_foreign	FOREIGN KEY	FOREIGN KEY (quoteId) REFERENCES quote (quoteId)
quoteextension_quoteresponseid_foreign	FOREIGN KEY	FOREIGN KEY (quoteResponseId) REFERENCES quoteResponse (quoteResponseId)
quoteextension_transactionid_foreign	FOREIGN KEY	FOREIGN KEY (transactionId) REFERENCES transactionReference (transactionReferenceId)

Indexes

Name	Definition
quoteextension_quoteid_foreign	KEY quoteextension_quoteid_foreign (quoteId) USING BTREE
quoteextension_quoteresponseid_foreign	KEY quoteextension_quoteresponseid_foreign (quoteResponseId) USING BTREE
quoteextension_transactionid_foreign	KEY quoteextension_transactionid_foreign (transactionId) USING BTREE
PRIMARY	PRIMARY KEY (quoteExtensionId) USING BTREE

quoteParty

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
quotePartyId	bigint unsigned		false	auto_increment	geoCode party quotePartyIdInfoExtension		
quoteId	varchar(36)		false			quote	Common ID between the FSPs for the quote object, decided by the Payer FSP
partyTypeId	int unsigned		false			partyType	Specifies the type of party this row relates to; typically PAYER or PAYEE
partyIdentifierTypeId	int unsigned		false			partyIdentifierType	Specifies the type of identifier used to identify this party e.g. MSISDN, IBAN etc…
partyIdentifierValue	varchar(128)		false				The value of the identifier used to identify this party
partySubIdOrTypeId	varchar(128)		true				A sub-identifier or sub-type for the Party
fspId	varchar(255)		true				This is the FSP ID as provided in the quote. For the switch between multi-parties it is required
participantId	int unsigned		true			participant	Reference to the resolved FSP ID (if supplied/known). If not an error will be reported
merchantClassificationCode	varchar(4)		true				Used in the context of Payee Information, where the Payee happens to be a merchant accepting merchant payments
partyName	varchar(128)		true				Display name of the Party, could be a real name or a nick name
transferParticipantRoleTypeId	int unsigned		false			transferParticipantRoleType	The role this Party is playing in the transaction

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
ledgerEntryTypeId	int unsigned		false			ledgerEntryType	The type of financial entry this Party is presenting
amount	decimal(18,4)		false				
currencyId	varchar(3)		false			currency	Trading currency pertaining to the party amount
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED			System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quotePartyId)
quoteparty_currencyid_foreign	FOREIGN KEY	FOREIGN KEY (currencyId) REFERENCES currency (currencyId)
quoteparty_ledgerentrytypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerEntryTypeId) REFERENCES ledgerEntryType (ledgerEntryTypeId)
quoteparty_participantid_foreign	FOREIGN KEY	FOREIGN KEY (participantId) REFERENCES participant (participantId)
quoteparty_partyidentifiertypeid_foreign	FOREIGN KEY	FOREIGN KEY (partyIdentifierTypeId) REFERENCES partyIdentifierType (partyIdentifierTypeId)
quoteparty_partytypeid_foreign	FOREIGN KEY	FOREIGN KEY (partyTypeId) REFERENCES partyType (partyTypeId)
quoteparty_quoteid_foreign	FOREIGN KEY	FOREIGN KEY (quoteId) REFERENCES quote (quoteId)
quoteparty_transferparticipantroletypeid_foreign	FOREIGN KEY	FOREIGN KEY (transferParticipantRoleTypeId) REFERENCES transferParticipantRoleType (transferParticipantRoleTypeId)

Indexes

Name	Definition
quoteparty_currencyid_foreign	KEY quoteparty_currencyid_foreign (currencyId) USING BTREE
quoteparty_ledgerentrytypeid_foreign	KEY quoteparty_ledgerentrytypeid_foreign (ledgerEntryTypeId) USING BTREE
quoteparty_participantid_foreign	KEY quoteparty_participantid_foreign (participantId) USING BTREE
quoteparty_partyidentifiertypeid_foreign	KEY quoteparty_partyidentifiertypeid_foreign (partyIdentifierTypeId) USING BTREE
quoteparty_partysubidortypeid_foreign	KEY quoteparty_partysubidortypeid_foreign (partySubIdOrTypeId) USING BTREE
quoteparty_partytypeid_foreign	KEY quoteparty_partytypeid_foreign (partyTypeId) USING BTREE
quoteparty_quoteid_foreign	KEY quoteparty_quoteid_foreign (quoteId) USING BTREE
quoteparty_transferparticipantroletypeid_foreign	KEY quoteparty_transferparticipantroletypeid_foreign (transferParticipantRoleTypeId) USING BTREE
PRIMARY	PRIMARY KEY (quotePartyId) USING BTREE

quotePartyIdInfoExtension

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
quotePartyIdInfoExtensionId	bigint unsigned		false	auto_increment		
quotePartyId	bigint unsigned		false		quoteParty	quotePartyId: a common id between the tables quotePartyIdInfoExtension and quoteParty
key	varchar(128)		false			
value	text		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quotePartyIdInfoExtensionId)
quotepartyidinfoextension_quotepartyid_foreign	FOREIGN KEY	FOREIGN KEY (quotePartyId) REFERENCES quoteParty (quotePartyId)

Indexes

Name	Definition
quotepartyidinfoextension_quotepartyid_foreign	KEY quotepartyidinfoextension_quotepartyid_foreign (quotePartyId) USING BTREE
PRIMARY	PRIMARY KEY (quotePartyIdInfoExtensionId) USING BTREE

quotePartyView

Description

VIEW

▶ Table Definition

Columns

Name	Type	Default	Nullable	Comment
quoteId	varchar(36)		false	Common ID between the FSPs for the quote object, decided by the Payer FSP
quotePartyId	bigint unsigned	0	false	
partyType	varchar(128)		false	
identifierType	varchar(50)		false	
partyIdentifierValue	varchar(128)		false	The value of the identifier used to identify this party
partySubIdOrType	varchar(128)		true	A sub-identifier or sub-type for the Party
fspId	varchar(255)		true	This is the FSP ID as provided in the quote. For the switch between multi-parties it is required

Name	Type	Default	Nullable	Comment
merchantClassificationCode	varchar(4)		true	Used in the context of Payee Information, where the Payee happens to be a merchant accepting merchant payments
partyName	varchar(128)		true	Display name of the Party, could be a real name or a nick name
firstName	varchar(128)		true	
lastName	varchar(128)		true	
middleName	varchar(128)		true	
dateOfBirth	datetime		true	
longitude	varchar(50)		true	Longitude of the initiating Party
latitude	varchar(50)		true	Latitude of the initiating Party

Referenced Tables

Name	Columns	Comment	Type
quoteParty	15		BASE TABLE
partyType	3		BASE TABLE
partyIdentifierType	3		BASE TABLE
party	6	Optional pers. data provided during Quote Request & Response	BASE TABLE
geoCode	5		BASE TABLE

quoteResponse

Description

This table is the primary store for quote responses

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
quoteResponseId	bigint unsigned		false	auto_increment	quoteError quoteExtension quoteResponseDuplicateCheck quoteResponseIlpPacket		
quoteId	varchar(36)		false			quote	Common ID between the FSPs for the quote object, decided by the Payer FSP
transferAmountCurrencyId	varchar(3)		false			currency	CurrencyId of the transfer amount
transferAmount	decimal(18,4)		false				The amount of money that the Payer FSP should transfer to the Payee FSP
payeeReceiveAmountCurrencyId	varchar(3)		true			currency	CurrencyId of the payee receive amount
payeeReceiveAmount	decimal(18,4)		true				The amount of Money that the Payee should receive in the end-to-end transaction. Optional as the Payee FSP might not want to disclose any optional Payee fees
payeeFspFeeCurrencyId	varchar(3)		true				CurrencyId of the payee fsp fee amount

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
payeeFspFeeAmount	decimal(18,4)		true				Payee FSPâ€™s part of the transaction fee
payeeFspCommissionCurrencyId	varchar(3)		true			currency	CurrencyId of the payee fsp commission amount
payeeFspCommissionAmount	decimal(18,4)		true				Transaction commission from the Payee FSP
ilpCondition	varchar(256)		false				
responseExpirationDate	datetime		true				Optional expiration for the requested transaction
isValid	tinyint(1)		true				
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED			System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quoteResponseId)
quoteresponse_payeefspcommissioncurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (payeeFspCommissionCurrencyId) REFERENCES currency (currencyId)
quoteresponse_payeereceiveamountcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (payeeReceiveAmountCurrencyId) REFERENCES currency (currencyId)
quoteresponse_quoteid_foreign	FOREIGN KEY	FOREIGN KEY (quoteId) REFERENCES quote (quoteId)
quoteresponse_transferamountcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (transferAmountCurrencyId) REFERENCES currency (currencyId)

Indexes

Name	Definition
quoteresponse_payeefspcommissioncurrencyid_foreign	KEY quoteresponse_payeefspcommissioncurrencyid_foreign (payeeFspCommissionCurrencyId) USING BTREE
quoteresponse_payeereceiveamountcurrencyid_foreign	KEY quoteresponse_payeereceiveamountcurrencyid_foreign (payeeReceiveAmountCurrencyId) USING BTREE
quoteresponse_quoteid_foreign	KEY quoteresponse_quoteid_foreign (quoteId) USING BTREE
quoteresponse_transferamountcurrencyid_foreign	KEY quoteresponse_transferamountcurrencyid_foreign (transferAmountCurrencyId) USING BTREE
PRIMARY	PRIMARY KEY (quoteResponseId) USING BTREE

quoteResponseDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
quoteResponseId	bigint unsigned		false	auto_increment	quoteResponse	The response to the intial quote
quoteId	varchar(36)		false		quote	Common ID between the FSPs for the quote object, decided by the Payer FSP

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
hash	varchar(255)		true			hash value received for the quote response
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quoteResponseId)
quoteresponseduplicatecheck_quoteid_foreign	FOREIGN KEY	FOREIGN KEY (quoteId) REFERENCES quote (quoteId)
quoteresponseduplicatecheck_quoteresponseid_foreign	FOREIGN KEY	FOREIGN KEY (quoteResponseId) REFERENCES quoteResponse (quoteResponseId)

Indexes

Name	Definition
quoteresponseduplicatecheck_quoteid_foreign	KEY quoteresponseduplicatecheck_quoteid_foreign (quoteId) USING BTREE
PRIMARY	PRIMARY KEY (quoteResponseId) USING BTREE

quoteResponseIlpPacket

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents	Comment
quoteResponseId	bigint unsigned		false	auto_increment	quoteResponse	
value	text		false			ilpPacket returned from Payee in response to a quote request

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (quoteResponseId)
quoteresponseilppacket_quoteresponseid_foreign	FOREIGN KEY	FOREIGN KEY (quoteResponseId) REFERENCES quoteResponse (quoteResponseId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (quoteResponseId) USING BTREE

quoteResponseView

Description

VIEW

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Comment
quoteResponseId	bigint unsigned	0	false		
quoteId	varchar(36)		false		Common ID between the FSPs for the quote object, decided by the Payer FSP
transferAmountCurrencyId	varchar(3)		false		CurrencyId of the transfer amount
transferAmount	decimal(18,4)		false		The amount of money that the Payer FSP should transfer to the Payee FSP
payeeReceiveAmountCurrencyId	varchar(3)		true		CurrencyId of the payee receive amount
payeeReceiveAmount	decimal(18,4)		true		The amount of Money that the Payee should receive in the end-to-end transaction. Optional as the Payee FSP might not want to disclose any optional Payee fees
payeeFspFeeCurrencyId	varchar(3)		true		CurrencyId of the payee fsp fee amount
payeeFspFeeAmount	decimal(18,4)		true		Payee FSP's part of the transaction fee
payeeFspCommissionCurrencyId	varchar(3)		true		CurrencyId of the payee fsp commission amount
payeeFspCommissionAmount	decimal(18,4)		true		Transaction commission from the Payee FSP
ilpCondition	varchar(256)		false		
responseExpirationDate	datetime		true		Optional expiration for the requested transaction
isValid	tinyint(1)		true		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	System dateTime stamp pertaining to the inserted record
ilpPacket	text		false		ilpPacket returned from Payee in response to a quote request
longitude	varchar(50)		true		Longitude of the initiating Party
latitude	varchar(50)		true		Latitude of the initiating Party

Referenced Tables

Name	Columns	Comment	Type
quoteResponse	14	This table is the primary store for quote responses	BASE TABLE
quoteResponseIlpPacket	2		BASE TABLE
quoteParty	15		BASE TABLE
partyType	3		BASE TABLE
geoCode	5		BASE TABLE

quoteView

Description

VIEW

▶ Table Definition

Columns

Name	Type	Default	Nullable	Comment
quoteId	varchar(36)		false	
transactionReferenceId	varchar(36)		false	Common ID (decided by the Payer FSP) between the FSPs for the future transaction object
transactionRequestId	varchar(36)		true	Optional previously-sent transaction request
note	text		true	A memo that will be attached to the transaction
expirationDate	datetime		true	Optional expiration for the requested transaction
transactionInitiator	varchar(256)		false	
transactionInitiatorType	varchar(256)		false	
transactionScenario	varchar(256)		false	
balanceOfPaymentsId	int unsigned		true	This is part of the transaction type that contains the elements- balance of payment
transactionSubScenario	varchar(256)		true	
amountType	varchar(256)		false	
amount	decimal(18,4)	0.0000	false	The amount that the quote is being requested for. Need to be interpert in accordance with the amount type
currency	varchar(255)		true	Trading currency pertaining to the Amount

Referenced Tables

Name	Columns	Comment	Type
quote	14		BASE TABLE
transactionInitiator	4		BASE TABLE
transactionInitiatorType	4		BASE TABLE
transactionScenario	4		BASE TABLE
amountType	4		BASE TABLE
transactionSubScenario	4		BASE TABLE

segment

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition
segmentId	int unsigned		false	auto_increment
segmentType	varchar(50)		false	
enumeration	int	0	false	
tableName	varchar(50)		false	
value	bigint		false	
changedDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (segmentId)

Indexes

Name	Definition
segment_keys_index	KEY segment_keys_index (segmentType, enumeration, tableName) USING BTREE
PRIMARY	PRIMARY KEY (segmentId) USING BTREE

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settlement

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementId	bigint unsigned		false	auto_increment	settlementContentAggregation settlementParticipantCurrency settlementSettlementWindow settlementStateChange settlementTransferParticipant settlementWindowContent	
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Name	Type	Default	Nullable	Extra Definition	Children	Parents
currentStateChangeId	bigint unsigned		true			settlementStateChange
settlementModelId	int unsigned		true			settlementModel

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementId)
settlement_currentstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (currentStateChangeId) REFERENCES settlementStateChange (settlementStateChangeId)
settlement_settlementmodelid_foreign	FOREIGN KEY	FOREIGN KEY (settlementModelId) REFERENCES settlementModel (settlementModelId)

Indexes

Name	Definition
settlement_currentstatechangeid_foreign	KEY settlement_currentstatechangeid_foreign (currentStateChangeId) USING BTREE
settlement_settlementmodelid_foreign	KEY settlement_settlementmodelid_foreign (settlementModelId) USING BTREE
PRIMARY	PRIMARY KEY (settlementId) USING BTREE

settlementContentAggregation

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
settlementContentAggregationId	bigint unsigned		false	auto_increment	
settlementWindowContentId	bigint unsigned		false		settlementWindowContent
participantCurrencyId	int unsigned		false		participantCurrency
transferParticipantRoleTypeId	int unsigned		false		transferParticipantRoleType
ledgerEntryTypeId	int unsigned		false		ledgerEntryType
amount	decimal(18,4)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
currentStateId	varchar(50)		false		settlementWindowState
settlementId	bigint unsigned		true		settlement

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementContentAggregationId)
sca_transferparticipantroletypeid_foreign	FOREIGN KEY	FOREIGN KEY (transferParticipantRoleTypeId) REFERENCES transferParticipantRoleType (transferParticipantRoleTypeId)
settlementcontentaggregation_currentstateid_foreign	FOREIGN KEY	FOREIGN KEY (currentStateId) REFERENCES settlementWindowState (settlementWindowStateId)
settlementcontentaggregation_ledgerentrytypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerEntryTypeId) REFERENCES ledgerEntryType (ledgerEntryTypeId)
settlementcontentaggregation_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
settlementcontentaggregation_settlementid_foreign	FOREIGN KEY	FOREIGN KEY (settlementId) REFERENCES settlement (settlementId)
settlementcontentaggregation_settlementwindowcontentid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowContentId) REFERENCES settlementWindowContent (settlementWindowContentId)

Indexes

Name	Definition
settlementcontentaggregation_currentstateid_index	KEY settlementcontentaggregation_currentstateid_index (currentStateId) USING BTREE
settlementcontentaggregation_ledgerentrytypeid_index	KEY settlementcontentaggregation_ledgerentrytypeid_index (ledgerEntryTypeId) USING BTREE
settlementcontentaggregation_participantcurrencyid_index	KEY settlementcontentaggregation_participantcurrencyid_index (participantCurrencyId) USING BTREE
settlementcontentaggregation_settlementid_index	KEY settlementcontentaggregation_settlementid_index (settlementId) USING BTREE
settlementcontentaggregation_settlementwindowcontentid_index	KEY settlementcontentaggregation_settlementwindowcontentid_index (settlementWindowContentId) USING BTREE
settlementcontentaggregation_transferparticipantroletypeid_index	KEY settlementcontentaggregation_transferparticipantroletypeid_index (transferParticipantRoleTypeId) USING BTREE
PRIMARY	PRIMARY KEY (settlementContentAggregationId) USING BTREE

settlementDelay

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
settlementDelayId	int unsigned		false	auto_increment	settlementModel	
name	varchar(50)		false			
description	varchar(512)		true			
isActive	tinyint(1)	1	false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementDelayId)
settlementdelay_name_unique	UNIQUE	UNIQUE KEY settlementdelay_name_unique (name)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (settlementDelayId) USING BTREE
settlementdelay_name_unique	UNIQUE KEY settlementdelay_name_unique (name) USING BTREE

settlementGranularity

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
settlementGranularityId	int unsigned		false	auto_increment	settlementModel	
name	varchar(50)		false			
description	varchar(512)		true			
isActive	tinyint(1)	1	false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementGranularityId)
settlementgranularity_name_unique	UNIQUE	UNIQUE KEY settlementgranularity_name_unique (name)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (settlementGranularityId) USING BTREE
settlementgranularity_name_unique	UNIQUE KEY settlementgranularity_name_unique (name) USING BTREE

settlementInterchange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
settlementInterchangeId	int unsigned		false	auto_increment	settlementModel	
name	varchar(50)		false			
description	varchar(512)		true			
isActive	tinyint(1)	1	false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementInterchangeId)
settlementinterchange_name_unique	UNIQUE	UNIQUE KEY settlementinterchange_name_unique (name)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (settlementInterchangeId) USING BTREE
settlementinterchange_name_unique	UNIQUE KEY settlementinterchange_name_unique (name) USING BTREE

settlementModel

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementModelId	int unsigned		false	auto_increment	settlement settlementWindowContent	
name	varchar(50)		false			
isActive	tinyint(1)	1	false			

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementGranularityId	int unsigned		false			settlementGranularity
settlementInterchangeId	int unsigned		false			settlementInterchange
settlementDelayId	int unsigned		false			settlementDelay
currencyId	varchar(3)		true			currency
requireLiquidityCheck	tinyint(1)	1	false			
ledgerAccountTypeId	int unsigned		false			ledgerAccountType
autoPositionReset	tinyint(1)	0	false			
adjustPosition	tinyint(1)	0	false			
settlementAccountTypeId	int		false			

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementModelId)
settlementmodel_currencyid_foreign	FOREIGN KEY	FOREIGN KEY (currencyId) REFERENCES currency (currencyId)
settlementmodel_currencyid_ledgeraccounttypeid_unique	UNIQUE	UNIQUE KEY settlementmodel_currencyid_ledgeraccounttypeid_unique (currencyId, ledgerAccountTypeId)
settlementmodel_ledgeraccounttypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerAccountTypeId) REFERENCES ledgerAccountType (ledgerAccountTypeId)
settlementmodel_name_unique	UNIQUE	UNIQUE KEY settlementmodel_name_unique (name)
settlementmodel_settlementdelayid_foreign	FOREIGN KEY	FOREIGN KEY (settlementDelayId) REFERENCES settlementDelay (settlementDelayId)
settlementmodel_settlementgranularityid_foreign	FOREIGN KEY	FOREIGN KEY (settlementGranularityId) REFERENCES settlementGranularity (settlementGranularityId)
settlementmodel_settlementinterchangeid_foreign	FOREIGN KEY	FOREIGN KEY (settlementInterchangeId) REFERENCES settlementInterchange (settlementInterchangeId)
settlementmodel_unique	UNIQUE	UNIQUE KEY settlementmodel_unique (settlementGranularityId, settlementInterchangeId, settlementDelayId, ledgerAccountTypeId, currencyId)
settlementmodel_uniqueAccountCurrency	UNIQUE	UNIQUE KEY settlementmodel_uniqueAccountCurrency (ledgerAccountTypeId, currencyId)

Indexes

Name	Definition
settlementmodel_currencyid_index	KEY settlementmodel_currencyid_index (currencyId) USING BTREE
settlementmodel_ledgeraccounttypeid_index	KEY settlementmodel_ledgeraccounttypeid_index (ledgerAccountTypeId) USING BTREE
settlementmodel_settlementdelayid_index	KEY settlementmodel_settlementdelayid_index (settlementDelayId) USING BTREE
settlementmodel_settlementgranularityid_index	KEY settlementmodel_settlementgranularityid_index (settlementGranularityId) USING BTREE
settlementmodel_settlementinterchangeid_index	KEY settlementmodel_settlementinterchangeid_index (settlementInterchangeId) USING BTREE
PRIMARY	PRIMARY KEY (settlementModelId) USING BTREE
settlementmodel_currencyid_ledgeraccounttypeid_unique	UNIQUE KEY settlementmodel_currencyid_ledgeraccounttypeid_unique (currencyId, ledgerAccountTypeId) USING BTREE
settlementmodel_name_unique	UNIQUE KEY settlementmodel_name_unique (name) USING BTREE
settlementmodel_unique	UNIQUE KEY settlementmodel_unique (settlementGranularityId, settlementInterchangeId, settlementDelayId, ledgerAccountTypeId, currencyId) USING BTREE

Name	Definition
settlementmodel_uniqueAccountCurrency	UNIQUE KEY settlementmodel_uniqueAccountCurrency (ledgerAccountTypeId, currencyId) USING BTREE

settlementParticipantCurrency

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementParticipantCurrencyId	bigint unsigned		false	auto_increment	settlementParticipantCurrencyStateChange	
settlementId	bigint unsigned		false			settlement
participantCurrencyId	int unsigned		false			participantCurrency
netAmount	decimal(18,4)		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		
currentStateChangeId	bigint unsigned		true			settlementParticipantCurrencyStateChange
settlementTransferId	varchar(36)		true			

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementParticipantCurrencyId)
settlementparticipantcurrency_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
settlementparticipantcurrency_settlementid_foreign	FOREIGN KEY	FOREIGN KEY (settlementId) REFERENCES settlement (settlementId)
spc_currentstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (currentStateChangeId) REFERENCES settlementParticipantCurrencyStateChange (settlementParticipantCurrencyStateChangeId)

Indexes

Name	Definition
settlementparticipantcurrency_participantcurrencyid_index	KEY settlementparticipantcurrency_participantcurrencyid_index (participantCurrencyId) USING BTREE
settlementparticipantcurrency_settlementid_index	KEY settlementparticipantcurrency_settlementid_index (settlementId) USING BTREE
settlementparticipantcurrency_settlementtransferid_index	KEY settlementparticipantcurrency_settlementtransferid_index (settlementTransferId) USING BTREE
spc_currentstatechangeid_foreign	KEY spc_currentstatechangeid_foreign (currentStateChangeId) USING BTREE
PRIMARY	PRIMARY KEY (settlementParticipantCurrencyId) USING BTREE

settlementParticipantCurrencyStateChange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementParticipantCurrencyStateChangeId	bigint unsigned		false	auto_increment	settlementParticipantCurrency	
settlementParticipantCurrencyId	bigint unsigned		false			settlementParticipantCurrency
settlementStateId	varchar(50)		false			settlementState
reason	varchar(512)		true			
externalReference	varchar(50)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementParticipantCurrencyStateChangeId)
spcsc_settlementparticipantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (settlementParticipantCurrencyId) REFERENCES settlementParticipantCurrency (settlementParticipantCurrencyId)
spcsc_settlementstateid_foreign	FOREIGN KEY	FOREIGN KEY (settlementStateId) REFERENCES settlementState (settlementStateId)

Indexes

Name	Definition
spcsc_settlementparticipantcurrencyid_index	KEY spcsc_settlementparticipantcurrencyid_index (settlementParticipantCurrencyId) USING BTREE
spcsc_settlementstateid_index	KEY spcsc_settlementstateid_index (settlementStateId) USING BTREE
PRIMARY	PRIMARY KEY (settlementParticipantCurrencyStateChangeId) USING BTREE

settlementSettlementWindow

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
settlementSettlementWindowId	bigint unsigned		false	auto_increment	
settlementId	bigint unsigned		false		settlement
settlementWindowId	bigint unsigned		false		settlementWindow
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementSettlementWindowId)
settlementsettlementwindow_settlementid_foreign	FOREIGN KEY	FOREIGN KEY (settlementId) REFERENCES settlement (settlementId)
settlementsettlementwindow_settlementwindowid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowId) REFERENCES settlementWindow (settlementWindowId)
settlementsettlementwindow_unique	UNIQUE	UNIQUE KEY settlementsettlementwindow_unique (settlementId, settlementWindowId)

Indexes

Name	Definition
settlementsettlementwindow_settlementid_index	KEY settlementsettlementwindow_settlementid_index (settlementId) USING BTREE
settlementsettlementwindow_settlementwindowid_index	KEY settlementsettlementwindow_settlementwindowid_index (settlementWindowId) USING BTREE
PRIMARY	PRIMARY KEY (settlementSettlementWindowId) USING BTREE
settlementsettlementwindow_unique	UNIQUE KEY settlementsettlementwindow_unique (settlementId, settlementWindowId) USING BTREE

settlementState

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
settlementStateId	varchar(50)		false		settlementParticipantCurrencyStateChange settlementStateChange
enumeration	varchar(50)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementStateId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (settlementStateId) USING BTREE

settlementStateChange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementStateChangeId	bigint unsigned		false	auto_increment	settlement	
settlementId	bigint unsigned		false			settlement
settlementStateId	varchar(50)		false			settlementState
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementStateChangeId)
settlementstatechange_settlementid_foreign	FOREIGN KEY	FOREIGN KEY (settlementId) REFERENCES settlement (settlementId)
settlementstatechange_settlementstateid_foreign	FOREIGN KEY	FOREIGN KEY (settlementStateId) REFERENCES settlementState (settlementStateId)

Indexes

Name	Definition
settlementstatechange_settlementid_index	KEY settlementstatechange_settlementid_index (settlementId) USING BTREE
settlementstatechange_settlementstateid_index	KEY settlementstatechange_settlementstateid_index (settlementStateId) USING BTREE
PRIMARY	PRIMARY KEY (settlementStateChangeId) USING BTREE

settlementTransferParticipant

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
settlementTransferParticipantId	bigint unsigned		false	auto_increment	
settlementId	bigint unsigned		false		settlement
settlementWindowId	bigint unsigned		false		settlementWindow
participantCurrencyId	int unsigned		false		participantCurrency
transferParticipantRoleTypeId	int unsigned		false		transferParticipantRoleType
ledgerEntryTypeId	int unsigned		false		ledgerEntryType
amount	decimal(18,4)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementTransferParticipantId)
settlementtransferparticipant_ledgerentrytypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerEntryTypeId) REFERENCES ledgerEntryType (ledgerEntryTypeId)
settlementtransferparticipant_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
settlementtransferparticipant_settlementid_foreign	FOREIGN KEY	FOREIGN KEY (settlementId) REFERENCES settlement (settlementId)
settlementtransferparticipant_settlementwindowid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowId) REFERENCES settlementWindow (settlementWindowId)
stp_transferparticipantroletypeid_foreign	FOREIGN KEY	FOREIGN KEY (transferParticipantRoleTypeId) REFERENCES transferParticipantRoleType (transferParticipantRoleTypeId)

Indexes

Name	Definition
settlementtransferparticipant_ledgerentrytypeid_index	KEY settlementtransferparticipant_ledgerentrytypeid_index (ledgerEntryTypeId) USING BTREE
settlementtransferparticipant_participantcurrencyid_index	KEY settlementtransferparticipant_participantcurrencyid_index (participantCurrencyId) USING BTREE
settlementtransferparticipant_settlementid_index	KEY settlementtransferparticipant_settlementid_index (settlementId) USING BTREE
settlementtransferparticipant_settlementwindowid_index	KEY settlementtransferparticipant_settlementwindowid_index (settlementWindowId) USING BTREE
stp_transferparticipantroletypeid_index	KEY stp_transferparticipantroletypeid_index (transferParticipantRoleTypeId) USING BTREE
PRIMARY	PRIMARY KEY (settlementTransferParticipantId) USING BTREE

settlementWindow

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementWindowId	bigint unsigned		false	auto_increment	fxTransferFulfilment settlementSettlementWindow settlementTransferParticipant settlementWindowContent settlementWindowStateChange transferFulfilment	
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		
currentStateChangeId	bigint unsigned		true			settlementWindowStateChange

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementWindowId)
settlementwindow_currentstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (currentStateChangeId) REFERENCES settlementWindowStateChange (settlementWindowStateChangeId)

Indexes

Name	Definition
settlementwindow_currentstatechangeid_foreign	KEY settlementwindow_currentstatechangeid_foreign (currentStateChangeId) USING BTREE
PRIMARY	PRIMARY KEY (settlementWindowId) USING BTREE

settlementWindowContent

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementWindowContentId	bigint unsigned		false	auto_increment	settlementContentAggregation settlementWindowContentStateChange	
settlementWindowId	bigint unsigned		false			settlementWindow
ledgerAccountTypeId	int unsigned		false			ledgerAccountType

Name	Type	Default	Nullable	Extra Definition	Children	Parents
currencyId	varchar(3)		false			currency
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		
currentStateChangeId	bigint unsigned		true			settlementWindowContentStateChange
settlementId	bigint unsigned		true			settlement
SettlementModelId	int unsigned		true			settlementModel

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementWindowContentId)
settlementwindowcontent_currencyid_foreign	FOREIGN KEY	FOREIGN KEY (currencyId) REFERENCES currency (currencyId)
settlementwindowcontent_currentstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (currentStateChangeId) REFERENCES settlementWindowContentStateChange (settlementWindowContentStateChangeId)
settlementwindowcontent_ledgeraccounttypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerAccountTypeId) REFERENCES ledgerAccountType (ledgerAccountTypeId)
settlementwindowcontent_settlementid_foreign	FOREIGN KEY	FOREIGN KEY (settlementId) REFERENCES settlement (settlementId)
settlementwindowcontent_settlementmodelid_foreign	FOREIGN KEY	FOREIGN KEY (SettlementModelId) REFERENCES settlementModel (settlementModelId)
settlementwindowcontent_settlementwindowid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowId) REFERENCES settlementWindow (settlementWindowId)

Indexes

Name	Definition
settlementwindowcontent_currencyid_index	KEY settlementwindowcontent_currencyid_index (currencyId) USING BTREE
settlementwindowcontent_currentstatechangeid_index	KEY settlementwindowcontent_currentstatechangeid_index (currentStateChangeId) USING BTREE
settlementwindowcontent_ledgeraccounttypeid_index	KEY settlementwindowcontent_ledgeraccounttypeid_index (ledgerAccountTypeId) USING BTREE
settlementwindowcontent_settlementid_index	KEY settlementwindowcontent_settlementid_index (settlementId) USING BTREE
settlementwindowcontent_settlementmodelid_foreign	KEY settlementwindowcontent_settlementmodelid_foreign (SettlementModelId) USING BTREE
settlementwindowcontent_settlementwindowid_index	KEY settlementwindowcontent_settlementwindowid_index (settlementWindowId) USING BTREE
PRIMARY	PRIMARY KEY (settlementWindowContentId) USING BTREE

settlementWindowContentStateChange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementWindowContentStateChangeId	bigint unsigned		false	auto_increment	settlementWindowContent	
settlementWindowContentId	bigint unsigned		false			settlementWindowContent
settlementWindowStateId	varchar(50)		false			settlementWindowState
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementWindowContentStateChangeId)
swc_settlementwindowcontentid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowContentId) REFERENCES settlementWindowContent (settlementWindowContentId)
sws1_settlementwindowstateid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowStateId) REFERENCES settlementWindowState (settlementWindowStateId)

Indexes

Name	Definition
swcsc_settlementwindowcontentid_index	KEY swcsc_settlementwindowcontentid_index (settlementWindowContentId) USING BTREE
swcsc_settlementwindowstateid_index	KEY swcsc_settlementwindowstateid_index (settlementWindowStateId) USING BTREE
PRIMARY	PRIMARY KEY (settlementWindowContentStateChangeId) USING BTREE

settlementWindowState

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
settlementWindowStateId	varchar(50)		false		settlementContentAggregation settlementWindowContentStateChange settlementWindowStateChange
enumeration	varchar(50)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementWindowStateId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (settlementWindowStateId) USING BTREE

settlementWindowStateChange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
settlementWindowStateChangeId	bigint unsigned		false	auto_increment	settlementWindow	
settlementWindowId	bigint unsigned		false			settlementWindow
settlementWindowStateId	varchar(50)		false			settlementWindowState
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (settlementWindowStateChangeId)
settlementwindowstatechange_settlementwindowid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowId) REFERENCES settlementWindow (settlementWindowId)
settlementwindowstatechange_settlementwindowstateid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowStateId) REFERENCES settlementWindowState (settlementWindowStateId)

Indexes

Name	Definition
settlementwindowstatechange_settlementwindowid_index	KEY settlementwindowstatechange_settlementwindowid_index (settlementWindowId) USING BTREE
settlementwindowstatechange_settlementwindowstateid_index	KEY settlementwindowstatechange_settlementwindowstateid_index (settlementWindowStateId) USING BTREE
PRIMARY	PRIMARY KEY (settlementWindowStateChangeId) USING BTREE

token

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
tokenId	int unsigned		false	auto_increment	
participantId	int unsigned		false		participant
value	varchar(256)		false		
expiration	bigint		true		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (tokenId)
token_participantid_foreign	FOREIGN KEY	FOREIGN KEY (participantId) REFERENCES participant (participantId)
token_value_unique	UNIQUE	UNIQUE KEY token_value_unique (value)

Indexes

Name	Definition
token_participantid_index	KEY token_participantid_index (participantId) USING BTREE
PRIMARY	PRIMARY KEY (tokenId) USING BTREE
token_value_unique	UNIQUE KEY token_value_unique (value) USING BTREE

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transactionInitiator

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
transactionInitiatorId	int unsigned		false	auto_increment	quote	

Name	Type	Default	Nullable	Extra Definition	Children	Comment
name	varchar(256)		false			
description	varchar(1024)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transactionInitiatorId)
transactioninitiator_name_unique	UNIQUE	UNIQUE KEY transactioninitiator_name_unique (name)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transactionInitiatorId) USING BTREE
transactioninitiator_name_unique	UNIQUE KEY transactioninitiator_name_unique (name) USING BTREE

transactionInitiatorType

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
transactionInitiatorTypeId	int unsigned		false	auto_increment	quote	
name	varchar(256)		false			
description	varchar(1024)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transactionInitiatorTypeId)
transactioninitiatortype_name_unique	UNIQUE	UNIQUE KEY transactioninitiatortype_name_unique (name)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transactionInitiatorTypeId) USING BTREE
transactioninitiatortype_name_unique	UNIQUE KEY transactioninitiatortype_name_unique (name) USING BTREE

transactionReference

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents	Comment
transactionReferenceId	varchar(36)		false		quote quoteExtension		Common ID (decided by the Payer FSP) between the FSPs for the future transaction object
quoteId	varchar(36)		true			quoteDuplicateCheck	Common ID between the FSPs for the quote object, decided by the Payer FSP
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED			System row creation timestamp

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transactionReferenceId)
transactionreference_quoteid_foreign	FOREIGN KEY	FOREIGN KEY (quoteId) REFERENCES quoteDuplicateCheck (quoteId)

Indexes

Name	Definition
transactionreference_quoteid_index	KEY transactionreference_quoteid_index (quoteId) USING BTREE
PRIMARY	PRIMARY KEY (transactionReferenceId) USING BTREE

transactionScenario

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
transactionScenarioId	int unsigned		false	auto_increment	quote	
name	varchar(256)		false			
description	varchar(1024)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transactionScenarioId)
transactionscenario_name_unique	UNIQUE	UNIQUE KEY transactionscenario_name_unique (name)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transactionScenarioId) USING BTREE
transactionscenario_name_unique	UNIQUE KEY transactionscenario_name_unique (name) USING BTREE

transactionSubScenario

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
transactionSubScenarioId	int unsigned		false	auto_increment	quote	
name	varchar(256)		false			
description	varchar(1024)		true			Possible sub-scenario, defined locally within the scheme
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		System dateTime stamp pertaining to the inserted record

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transactionSubScenarioId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transactionSubScenarioId) USING BTREE

transfer

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
transferId	varchar(36)		false		expiringTransfer ilpPacket transferErrorDuplicateCheck transferExtension transferFulfilmentDuplicateCheck transferParticipant transferStateChange transferTimeout	transferDuplicateCheck
amount	decimal(18,4)		false			
currencyId	varchar(3)		false			currency
ilpCondition	varchar(256)		false			
expirationDate	datetime		false			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferId)
transfer_currencyid_foreign	FOREIGN KEY	FOREIGN KEY (currencyId) REFERENCES currency (currencyId)
transfer_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transferDuplicateCheck (transferId)

Indexes

Name	Definition
transfer_currencyid_index	KEY transfer_currencyid_index (currencyId) USING BTREE
PRIMARY	PRIMARY KEY (transferId) USING BTREE

transferDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
transferId	varchar(36)		false		transfer
hash	varchar(256)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferId) USING BTREE

transferError

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
transferId	varchar(36)		false		
transferStateChangeId	bigint unsigned		false		transferStateChange
errorCode	int unsigned		false		
errorDescription	varchar(128)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferId)
transfererror_transferstatechangeid_foreign	FOREIGN KEY	FOREIGN KEY (transferStateChangeId) REFERENCES transferStateChange (transferStateChangeId)

Indexes

Name	Definition
transfererror_transferstatechangeid_foreign	KEY transfererror_transferstatechangeid_foreign (transferStateChangeId) USING BTREE
PRIMARY	PRIMARY KEY (transferId) USING BTREE

transferErrorDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
transferId	varchar(36)		false		transfer
hash	varchar(256)		true		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferId)
transfererrorduplicatecheck_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferId) USING BTREE

transferExtension

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
transferExtensionId	bigint unsigned		false	auto_increment	
transferId	varchar(36)		false		transfer
key	varchar(128)		false		
value	text		false		
isFulfilment	tinyint(1)	0	false		
isError	tinyint(1)	0	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferExtensionId)
transferextension_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)

Indexes

Name	Definition
transferextension_transferid_foreign	KEY transferextension_transferid_foreign (transferId) USING BTREE
PRIMARY	PRIMARY KEY (transferExtensionId) USING BTREE

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transferFulfilment

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
transferId	varchar(36)		false		transferFulfilmentDuplicateCheck

Name	Type	Default	Nullable	Extra Definition	Parents
ilpFulfilment	varchar(256)		true		
completedDate	datetime		false		
isValid	tinyint(1)		true		
settlementWindowId	bigint unsigned		true		settlementWindow
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferId)
transferfulfilment_settlementwindowid_foreign	FOREIGN KEY	FOREIGN KEY (settlementWindowId) REFERENCES settlementWindow (settlementWindowId)
transferfulfilment_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transferFulfilmentDuplicateCheck (transferId)

Indexes

Name	Definition
transferfulfilment_settlementwindowid_foreign	KEY transferfulfilment_settlementwindowid_foreign (settlementWindowId) USING BTREE
PRIMARY	PRIMARY KEY (transferId) USING BTREE

transferFulfilmentDuplicateCheck

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
transferId	varchar(36)		false		transferFulfilment	transfer
hash	varchar(256)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferId)
transferfulfilmentduplicatecheck_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferId) USING BTREE

transferParticipant

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
transferParticipantId	bigint unsigned		false	auto_increment	
transferId	varchar(36)		false		transfer
participantCurrencyId	int unsigned		true		participantCurrency
transferParticipantRoleTypeId	int unsigned		false		transferParticipantRoleType
ledgerEntryTypeId	int unsigned		false		ledgerEntryType
amount	decimal(18,4)		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	
participantId	int unsigned		false		
externalParticipantId	bigint unsigned		true		externalParticipant

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferParticipantId)
transferparticipant_externalparticipantid_foreign	FOREIGN KEY	FOREIGN KEY (externalParticipantId) REFERENCES externalParticipant (externalParticipantId)
transferparticipant_ledgerentrytypeid_foreign	FOREIGN KEY	FOREIGN KEY (ledgerEntryTypeId) REFERENCES ledgerEntryType (ledgerEntryTypeId)
transferparticipant_participantcurrencyid_foreign	FOREIGN KEY	FOREIGN KEY (participantCurrencyId) REFERENCES participantCurrency (participantCurrencyId)
transferparticipant_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)
transferparticipant_transferparticipantroletypeid_foreign	FOREIGN KEY	FOREIGN KEY (transferParticipantRoleTypeId) REFERENCES transferParticipantRoleType (transferParticipantRoleTypeId)

Indexes

Name	Definition
getTransferInfoToChangePosition	KEY getTransferInfoToChangePosition (transferId, transferParticipantRoleTypeId, ledgerEntryTypeId) USING BTREE

Name	Definition
transferparticipant_externalparticipantid_index	KEY transferparticipant_externalparticipantid_index (externalParticipantId) USING BTREE
transferparticipant_ledgerentrytypeid_index	KEY transferparticipant_ledgerentrytypeid_index (ledgerEntryTypeId) USING BTREE
transferparticipant_participantcurrencyid_index	KEY transferparticipant_participantcurrencyid_index (participantCurrencyId) USING BTREE
transferparticipant_participantid_index	KEY transferparticipant_participantid_index (participantId) USING BTREE
transferparticipant_transferid_index	KEY transferparticipant_transferid_index (transferId) USING BTREE
transferparticipant_transferparticipantroletypeid_index	KEY transferparticipant_transferparticipantroletypeid_index (transferParticipantRoleTypeId) USING BTREE
PRIMARY	PRIMARY KEY (transferParticipantId) USING BTREE

transferParticipantRoleType

Description

▸ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children
transferParticipantRoleTypeId	int unsigned		false	auto_increment	fxTransferParticipant quoteParty settlementContentAggregation settlementTransferParticipant transferParticipant
name	varchar(50)		false		
description	varchar(512)		true		
isActive	tinyint(1)	1	false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferParticipantRoleTypeId)
transferparticipantroletype_name_unique	UNIQUE	UNIQUE KEY transferparticipantroletype_name_unique (name)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferParticipantRoleTypeId) USING BTREE
transferparticipantroletype_name_unique	UNIQUE KEY transferparticipantroletype_name_unique (name) USING BTREE

transferRules

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition
transferRulesId	int unsigned		false	auto_increment
name	varchar(128)		false	
description	varchar(512)		true	
rule	text		false	
enabled	tinyint(1)	1	false	
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferRulesId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferRulesId) USING BTREE

transferState

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Comment
transferStateId	varchar(50)		false		fxTransferStateChange transferStateChange	
enumeration	varchar(50)		false			transferState associated to the Mojaloop API
description	varchar(512)		true			
isActive	tinyint(1)	1	false			

Name	Type	Default	Nullable	Extra Definition	Children	Comment
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferStateId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferStateId) USING BTREE

transferStateChange

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Children	Parents
transferStateChangeId	bigint unsigned		false	auto_increment	participantPositionChange transferError	
transferId	varchar(36)		false			transfer
transferStateId	varchar(50)		false			transferState
reason	varchar(512)		true			
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED		

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferStateChangeId)
transferstatechange_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)
transferstatechange_transferstateid_foreign	FOREIGN KEY	FOREIGN KEY (transferStateId) REFERENCES transferState (transferStateId)

Indexes

Name	Definition
transferstatechange_transferid_index	KEY transferstatechange_transferid_index (transferId) USING BTREE

Name	Definition
transferstatechange_transferstateid_index	KEY transferstatechange_transferstateid_index (transferStateId) USING BTREE
PRIMARY	PRIMARY KEY (transferStateChangeId) USING BTREE

transferTimeout

Description

▶ Table Definition

Columns

Name	Type	Default	Nullable	Extra Definition	Parents
transferTimeoutId	bigint unsigned		false	auto_increment	
transferId	varchar(36)		false		transfer
expirationDate	datetime		false		
createdDate	datetime	CURRENT_TIMESTAMP	false	DEFAULT_GENERATED	

Constraints

Name	Type	Definition
PRIMARY	PRIMARY KEY	PRIMARY KEY (transferTimeoutId)
transfertimeout_transferid_foreign	FOREIGN KEY	FOREIGN KEY (transferId) REFERENCES transfer (transferId)
transfertimeout_transferid_unique	UNIQUE	UNIQUE KEY transfertimeout_transferid_unique (transferId)

Indexes

Name	Definition
PRIMARY	PRIMARY KEY (transferTimeoutId) USING BTREE
transfertimeout_transferid_unique	UNIQUE KEY transfertimeout_transferid_unique (transferId) USING BTREE