Datamodel

XoTransfer
- direction
- type

TalkAttachment
- attachmentId
- url
- filename
- mimeType
- contentSize
- mediaType
- aspectRatio
- hmac

<<uses>>

TalkClientDownload
- clientDownloadId
- type
- state
- contentUrl
- contentLength
- contentType
- filename
- mediaType
- dataFile
- downloadUrl
- downloadFile
- downloadProgress
- decryptionkey
- decryptedFile
- aspectRatio
- transferFailures
- contentHmac
- progressRateLimit

TalkClientUpload
- clientUploadId
- type
- state
- contentUrl
- filename
- dataFile
- dataLength
- encryptedFile
- encryptedLength
- encryptionKey
- uploadLength
- uploadUrl
- downloadUrl
- contentType
- mediaType
- contentHmac
- aspectRatio
- progress

TalkPresence
- clientId
- clientName
- clientStatus
- timestamp
- avatarUrl
- keyId
- connectionStatus

TalkRelationship
- relationshipId
- clientId
- otherClientId
- state
- lastChanged

TalkClientContact
- clientContactId
- contactType
- deleted
- everRelated
- publicKey
- privateKey
- self
- clientId
- clientPresence
- clientRelationship
- groupId
- groupTag
- groupKey
- groupPresence
- groupMember
- groupMemberships
- avatarDownload
- avatarUpload
- isNearby

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TalkClientMessage
- clientMessageId
- messageId
- messageTag
- conversationContact
- senderContact
- message
- incomingDelivery
- outgoingDelivery
- attachmentUpload
- attachmentDownload
- text
- deleted
- seen
- timestamp
- hmac
- signature
- inProgress

TalkDelivery
- deliveryId
- messageId
- messageTag
- senderId
- receiverId
- groupId
- state
- keyId
- keyCiphertext
- timeAccepted
- timeChanged
- timeUpdatedOut
- timeUpdatedIn
- timeAttachmentReceived
- attachmentState
- reason

TalkGroup
- groupId
- groupName
- groupTag
- groupAvatarUrl
- state
- lastCHanged
- groupType
- sharedKeyId
- sharedKeyIdSalt
- keySupplier
- keyDate
- groupKeyUpdateInProgress

TalkKey
- publicKeyId
- clientId
- keyId
- key
- timestamp

TalkMessage
- messageId
- messageTag
- senderId
- salt
- body
- attachment
- attachmentFileId
- timeSent
- numDeliveries
- sharedKeyId
- shareadKeyIdSalt
- hmac
- signature
- system
- attachmentUploadStarted
- attachmentUploadFinished

TalkPrivateKey
- privateKeyId
- clientId
- keyId
- key
- timestamp
- groupKeyId
- groupKeyIdSalt

TalkGroupMember
- memberId
- groupId
- clientId
- role
- state
- memberKeyId
- encryptedGroupKey
- sharedKeyId
- sharedKeyIdSalt
- sharedKeyDate
- keySupplier
- lastChanged

TalkClientMembership
- clientMembershipId
- groupContact
- clientContact
- member

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TalkClientSelf
- selfId
- registrationName
- registrationConfirmed
- srpSalt
- srpSecret

TalkEnvironment
- clientId
- groupId
- type
- name
- timestamp
- timeReceived
- locationType
- geoLocation
- accuracy
- bssids
- identifiers

TalkClient
- clientId
- srpSalt
- srpVerifier
- srpSecret
- gcmRegistration
- gcmPackage
- apnsToken
- apnsUnreadMessages
- timeRegistered
- timeLastLogin
- timeLastPush
- timeReady

TalkClientSmsToken
- smsTokenId
- sender
- token
- body

TalkClientInfo
- clientTime
- clientName
- clientVersion
- clientBuildNumber
- clientLanguage
- systemName
- systemVersion
- systemLanguage
- deviceModel
- supportTag

TalkServerInfo
- serverTime
- supportMode
- version
- commitId
- protocolVerions

TalkToken
- clientId
- state
- purpose
- secret
- generationTime
- expiryTime
- useCount
- maxuseCount