File Load History Table, generate a File Id for each file Loaded

Message Tag Table b
Message Contain the
Tag values

InterfaceLoadHistory
🔑 FileId
IncomingOutGoing
Filename
InterfaceIdentifier
ClientId
InterfaceName
InterfaceType
LoadProcessId
LoadProcessName
LoadDate
ProcessedDate
BusinessDate
FileOrigin
FileDestination
FileArchived
FileReceivedDate
RecordsNumber
RecordProcessed
RecordRejected
FileSize
RejectReasonCode
RejectReasonDescription
LoadStatus
UserId
DataFileContent
CreationDate
CreatorId
UpdateDate
UpdatorId

FedMessageByTa
InternalId
🔑 MessageId
MessageReference
MessageOrigin
OrigineName
IncomingOutGoing
FileId
ClientId
DateReceived
DateLoaded
OutputCycleDate
OutputDestinationId
OutputSequenceNum
OutputDateDateMM
OutputTimeHHMM
OutputApplicationID
SenderSuppliedInfor
TypeSubType
InputMessageAccoun
SenderDI
ReceiverDI
BusinessFunctionCod
SenderReference
PreviousMessageId
LocalInstrument
PaymentNotification
Charges
InstructedAmount
ExchangeRate
IntermediaryFI

Swift Data Tab
Tag :
Tag
Tag
Tag
Tag
Tag
Tag
Tag

Parsed Message Wire,
Normalized Table that has Child

y Tag , Each
split Message

Tag: 8250 Related Remittance
Information, composition of various
data, 1 Per Message. Child Table with

...a

FedMessageWire

	InternalId
🔑	MessageId
	MessageReference
	MessageOrigin
	OrigineName
	IncomingOutGoing
	FileId
	ClientId
	DateReceived
	DateLoaded
	SenderFormatVersion
	SenderUserRequestCorrelation
	SenderProductionCode
	SenderMessageDuplicationCode
	MessageType
	MessageTypeSubType
	ImadCycleDate
	ImadSource
	ImadSequenceNumber
	Amount
	SenderABANumber
	SenderShortName
	ReceiverABANumber
	ReceiverShortName
	BusinessFunctionCode
	SenderReference
	PreviousMessageId
	LocalInstrumentCode
	ProprietaryCode
	ChargesDetail

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RelatedRemittanceInformation

🔑	InternalId
	MessageReference
	MessageOrigin
	OrigineName
	IncomingOutGoing
	MessageId
	SequenceNumber
	RemittanceIdentification
	RemittanceLocationMethod
	RemittanceElectronicAddress
	RemittanceName
	AddressType
	Department
	SubDepartment
	StreetName
	BuildingNumber
	PostCode
	TownName
	CountryStateSubDivision
	Country
	AddressLine1
	AddressLine2
	AddressLine3
	AddressLine4
	AddressLine5
	AddressLine6
	AddressLine7

SwiftData

🔑	InternalId
	MessageRe
	MessageO
	OrigineNar
	IncomingC
	MessageId
	SequenceN
	InstructedC
	InstructedA
	OrderingCu
	OrderingCu
	OrderingCu
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	OrderingCu
	Intermedia
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	Accountwi
	Accountwi
	Beneficiary
	Beneficiary
	Beneficiary
	Beneficiary
	Beneficiary
	Remittance

1-2

ple Which Contains all Swift Parsed Details
7033 Swift Sequence B 33B Currency/Instructed Amount
: 7050   Swift Sequence B 50a Ordering Customer
: 7052   Swift Sequence B 52a Ordering Institution
: 7056   Swift Sequence B 56a Intermediary Institution
: 7057   Swift Sequence B 57a Account with Institution
: 7059   Swift Sequence B 59a Beneficiary Customer
: 7070   Swift Sequence B 70 Remittance Information
: 7072   Swift Sequence B 72 Sender to Receiver Information

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thInstitutionL2
thInstitutionL3
thInstitutionL4
thInstitutionL5
CustomerL1
CustomerL2
CustomerL3
CustomerL4
CustomerL5
eInformationL1

RawMessage

InternalId
🔑 MessageId
MessageReference
MessageOrigin
OrigineName
IncomingOutGoing
FileId
ClientId
DateReceived
DateLoaded
LoadStatus
LoadRejectReason
UserId
DataRecord
CreationDate
CreatorId
UpdateDate
UpdatorId

Right-side column (partially visible):

- IntermediaryFI
- BeneficiaryFI
- Beneficiary
- ReferenceforBeneficia…
- AccountDebitedinDra…
- Originator
- OriginatorOptionF
- OriginatorFI
- InstructingFI
- AccountCreditedinDr…
- OriginatortoBeneficia…
- ReceiverFIInformation
- DrawdownDebitAcco…
- IntermediaryFIInform…
- IntermediaryFIAdvice…
- BeneficiarysFIInforma…
- BeneficiarysFIAdviceI…
- BeneficiaryInformatio…
- BeneficiaryAdviceInfo…
- MethodofPaymentto…
- FItoFIInformation
- SwiftB33BCurrencyIns…
- SwiftB50AOrderingCu…
- SwiftB52AOrderingIn…
- SwiftB56AIntermedia…
- SwiftB57AAccountwit…
- SwiftB59ABeneficiary…
- SwiftB70RemittanceIn…
- SwiftB72SendertoRec…
- UnstructuredAddend…
- RelatedRemittanceInf…
- RemittanceOriginator…
- RemittanceBeneficiar…
- ActualAmountPaid
- GrossAmountofRemi…
- SecondaryRemittance…
- RemittanceFreeText
- PrimaryRemittanceDo…
- AmountofNegotiated…
- AdjustmentInformatio…
- DateofRemittanceDo…
- ServiceMessageInfor…
- MessageDisposition
- ReceiptTimeStamp
- OutputMessageAcco…
- Error
- LoadStatus
- LoadRejectReason
- CreationDate
- CreatorId
- UpdateDate
- UpdatorId

---External Table

    --- Tag: 5010   Originator Option F   Table : OriginatorOptionF
    --- Tag: 8200   Unstructured Addenda Information   Table : Addenda
    --- Tag: 3620   Payment Notification   Table : PaymentNotification
    --- Tag: 8250   Related Remittance Information   Table : RelatedRemittanceInformation

    - Swift Data Table For Wollowing Tags

        Tag : 7033   Swift Sequence B 33B Currency/Instructed Amount
        Tag : 7050   Swift Sequence B 50a Ordering Customer
        Tag : 7052   Swift Sequence B 52a Ordering Institution
        Tag : 7056   Swift Sequence B 56a Intermediary Institution
        Tag : 7057   Swift Sequence B 57a Account with Institution
        Tag : 7059   Swift Sequence B 59a Beneficiary Customer
        Tag : 7070   Swift Sequence B 70 Remittance Information
        Tag : 7072   Swift Sequence B 72 Sender to Receiver Information

    - PartyInformation Table For Following Tags

        Tag: 6100 Receiver FI Information
        Tag: 6200 Intermediary FI Information
        Tag: 6300   Beneficiary s FI Information
        Tag : 6110   Drawdown Debit Account Advice Information
        Tag : 6210   Intermediary FI Advice Information
        Tag : 6310   Beneficiary s FI Advice Information
        Tag : 6410   Beneficiary Advice Information

    -- Table PartyAdviceInformation For Folowing Tags

        Tag : 6110   Drawdown Debit Account Advice Information
        Tag : 6210   Intermediary FI Advice Information
        Tag : 6310   Beneficiary s FI Advice Information
        Tag : 6410   Beneficiary Advice Information

Partial left column (cut off):

- ...ary
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- ...ountAdviceInfor...
- ...ation
- ...eInformation
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- ...information
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- ...Beneficiary
- ...structedAmount
- ...ustomer
- ...stitution
- ...ryInstitution
- ...thInstitution
- ...Customer
- ...information
- ...ceiverInformation
- ...aInformation
- ...formation
- ...rInfo
- ...yInfo
- ...ttanceDocument
- ...eDocumentInfo...
- ...ocumentInform...
- ...dDiscount
- ...onDetails
- ...cument
- ...mation
- ...untabilityData

Main entity columns:

- ChargesDetail
- ChargeCurrency1
- ChargeAmount1
- ChargeCurrency2
- ChargeAmount2
- ChargeCurrency3
- ChargeAmount3
- ChargeCurrency4
- ChargeAmount4
- InstructedCurrency
- InstructedAmount
- ExchangeRate
- ReferenceforBeneficiary
- OriginatorOptionFPartyIdentifier
- OriginatorOptionFPartyUniqueIden...
- OriginatorOptionFPartyNameCode
- OriginatorOptionFPartyName
- AccountCreditedinDrawDownABA
- OriginatortoBeneficiaryInfL1
- OriginatortoBeneficiaryInfL2
- OriginatortoBeneficiaryInfL3
- OriginatortoBeneficiaryInfL4
- MethodOfPaymentCode
- MethodOfPaymentAdditionalInfor...
- FItoFIInformationL1
- FItoFIInformationL2
- FItoFIInformationL3
- FItoFIInformationL4
- FItoFIInformationL5
- FItoFIInformationL6
- DateofRemittanceDocument
- MessageDispositionFormatVersion
- MessageDispositionProductionCode
- MessageDispositionMessageDupli...
- MessageDispositionStatusIndicator
- ReceiptDateMMDD
- ReceiptTimeHHMM
- ReceiptApplicationID
- OmadCycleDate
- OmadDestinationId
- OmadOutputSequenceNumber
- OmadOutputDateDateMMDD
- OmadOutputTimeHHMM
- OmadOutputApplicationID
- ErrorCatecoryCode
- ErrorCode
- ErrorDescription
- LoadStatus
- LoadRejectReason
- CreationDate
- CreatorId
- UpdateDate
- UpdatorId

RemittanceDocumentData
- InternalId
- MessageReference
- MessageOrigin
- OrigineName
- IncomingOutGoing
- MessageId
- SequenceNumber
- PrimaryDocumentTypeCode
- PrimaryProprietaryDocumentTypeCode
- PrimaryDocumentIdentificationNumber
- PrimaryIssuer
- NegotiatedDiscountCurrency
- NegotiatedDiscountAmount
- AdjustmentReasonCode
- AdjustmentCreditDebitIndicator
- AdjustmentCurrencyCode
- AdjustmentAmount
- AdjustmentAdditionalInformation

AccountInformation
- InternalId
- MessageReference
- MessageOrigin
- OrigineName
- IncomingOutGoing
- MessageId
- TagId
- SequenceNumber
- AccountIdCode
- AccountIdentifier
- AccountName
- AddressLine1
- AddressLine2
- AddressLine3

OriginatorOptionF
- InternalId
- MessageReference
- MessageOrigin
- OrigineName
- IncomingOutGoing
- TagId
- MessageId
- SequenceNumber
- OrginatorOptionFCode1
- OrginatorOptionFLine1
- OrginatorOptionFCode2
- OrginatorOptionFLine2
- OrginatorOptionFCode3

Right column (cut off):

- Remittance...
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Addenda
- InternalId
- MessageRe...
- MessageO...
- OrigineNa...
- IncomingO...
- MessageId
- SequenceN...
- AddendaL...
- AddendaIn...

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- InternalId
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- SequenceN...
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Remittance Document Data Table

RemittanceDocumentData Table It s A group of Tags and can have multiple occurrances
Each Occurence is Composed with following Tags
The Key is The Internal ID (foreign Key) + Occurrence Sequence Number

Tag: 8400	Primary Remittance Document Information
Tag: 8550	Amount of Negotiated Discount
Tag: 8600	Adjustment Information

Account Information Table, Common table for Following Tags
The Key is The FedMessage wire Internal ID + Tag ID

Tag : 4000	Intermediary FI
Tag : 4100	Beneficiary FI
Tag : 4200	Beneficiary
Tag : 4400	Account Debited in Drawdown
Tag : 5000	Originator
Tag : 5100	Originator FI
Tag : 5200	Instructing FI

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IdentificationCode
Name
IdentificationNumber
IdentificationNumberIssuer
DateOfBirth
PlaceOfBirth
AddressType
Department
SubDepartment
StreetName
BuildingNumber
PostCode
TownName
CountryStateSubDivision
Country
AddressLine1
AddressLine2
AddressLine3
AddressLine4
AddressLine5
AddressLine6
AddressLine7

Remittance Document Invoice Table
RemittanceDocumentInvoice It s A group of Tags and can have multiple occurrances

Each Occurence is Composed with following Tags
The Key is The Internal ID (foreign Key) + Occurrence Sequence Number

Tag: 8300	Remittance Originator
Tag: 8350	Remittance Beneficiary
Tag: 8450	Actual Amount Paid
Tag: 8500	Gross Amount of Remittance Document
Tag: 8700	Secondary Remittance Document Information
Tag: 8750	Remittance Free Text Line 1 to 3 (140 characters each)

- Table AccountInformation For Following Tags

Tag: 4000	Intermediary FI
Tag: 4100	Beneficiary FI
Tag: 4200	Beneficiary
Tag: 4400	Account Debited in Drawdown
Tag: 5000	Originator
Tag: 5100	Originator FI
Tag: 5200	Instructing FI

- RemittanceDocumentInvoice It s A group of Tags and can have multiple occurrances

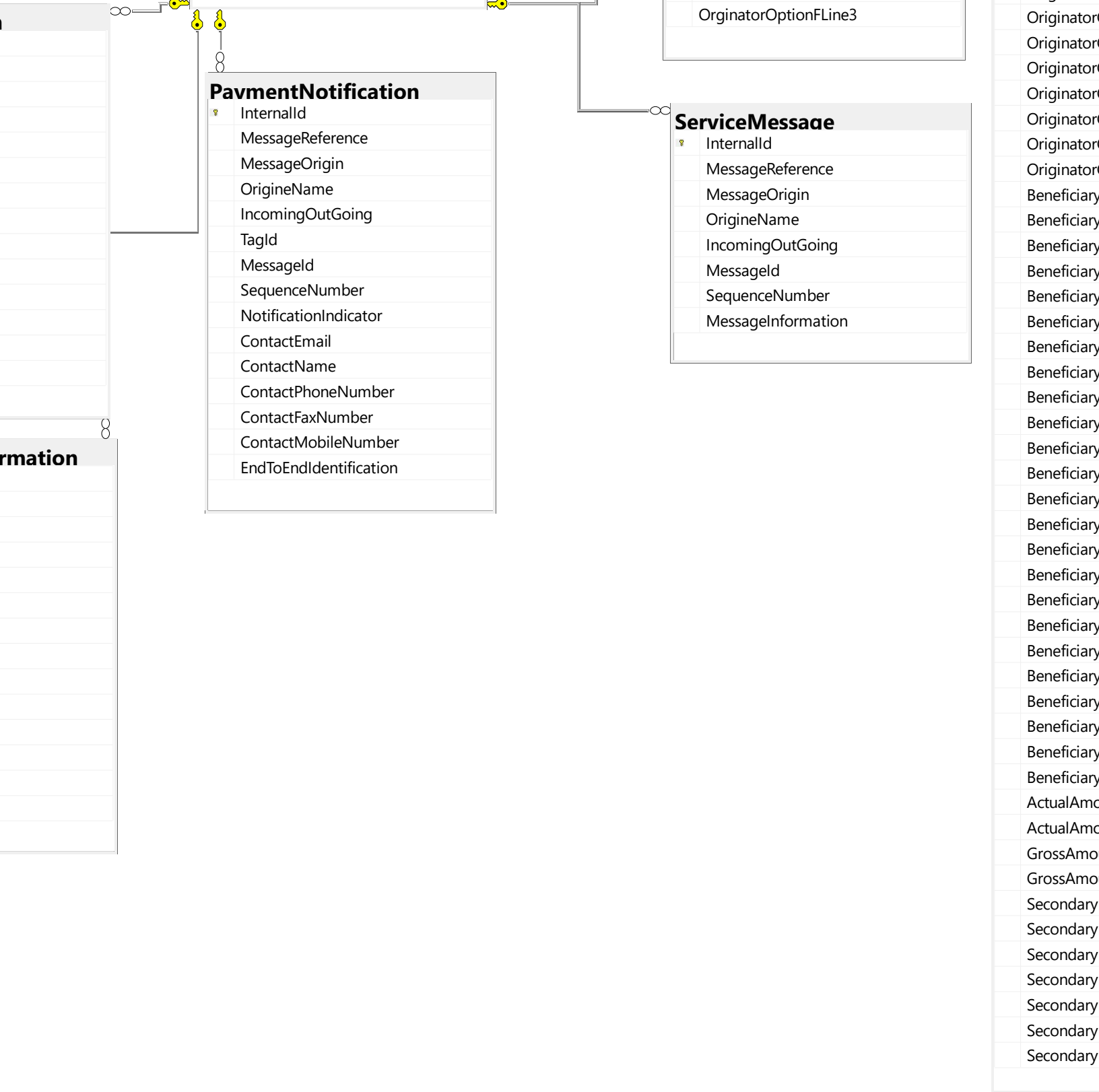| Tag: 8300	Remittance Originator
Tag: 8350	Remittance Beneficiary
Tag: 8450	Actual Amount Paid
Tag: 8500	Gross Amount of Remittance Document
Tag: 8700	Secondary Remittance Document Information

- RemittanceDocumentInvoice It s A group of Tags and can have multiple occurrances

PartyInformation

- InternalId
- MessageReference
- MessageOrigin
- OrigineName
- IncomingOutGoing
- TagId
- MessageId
- SequenceNumber
- PartyInfo
- PartyInfoL1
- PartyInfoL2
- PartyInfoL3
- PartyInfoL4
- PartyInfoL5

PartyAdviceInfor

- InternalId
- MessageReference
- MessageOrigin
- OrigineName
- IncomingOutGoing
- MessageId
- TagId
- SequenceNumber
- AdviceCode
- AdviceInfo
- AdviceInfoL1
- AdviceInfoL2
- AdviceInfoL3
- AdviceInfoL4

PavmentNotification

🔑	InternalId
	MessageReference
	MessageOrigin
	OrigineName
	IncomingOutGoing
	TagId
	MessageId
	SequenceNumber
	NotificationIndicator
	ContactEmail
	ContactName
	ContactPhoneNumber
	ContactFaxNumber
	ContactMobileNumber
	EndToEndIdentification

OrginatorOptionFLine3

ServiceMessage

🔑	InternalId
	MessageReference
	MessageOrigin
	OrigineName
	IncomingOutGoing
	MessageId
	SequenceNumber
	MessageInformation

rmation

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CountryOfResidence
ContactName
ContactPhoneNumber
ContactMobileNumber
ContactFaxNumber
ContactElectronicAddress
ContactOtherInfo
IdentificationType
IdentificationCode
Name
IdentificationNumber
IdentificationNumberIssuer
DateOfbirth
PlaceOfBirth
AddressType
Department
SubDepartment
StreetName
BuildingNumber
PostCode
TownName
CountryStateSubDivision
Country
AddressLine1
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ProprietaryDocumentTypeCo...
DocumentIdentificationNum...
Issuer
FreeTextL1
FreeTextL2
FreeTextL3