



papiNet

**Global Transaction Standards
for the Paper Supply Chain**

CreditDebitNote Documentation

Papinet Standard - Version 2.10

April 2003

CreditDebitNote Documentation - papiNet Standard - Version 2.10

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Message Documentation

The Credit/Debit Note Message

An Overview of the Credit/Debit Note Message

The Credit/Debit Note Message is generally used by the SupplierParty to compensate or charge the trading parties (ShipToParty, BuyerParty, OtherParty, etc.) for matters outside the scope of the invoice. Typically these matters include commercial claims, logistical claims, technical claims, invoice corrections, commissions, and rebates.

A Credit/Debit Note Message can also originate from other trading parties involved in the transaction due to unforeseen circumstances or costs incurred.

Therefore this message is multi-directional between trading parties.

The Scope of the Credit/Debit Note Message

The Credit/Debit Note Message must include:

- Type (Debit or Credit)
- Reason for the transaction

The Credit/Debit Note Message can include:

- Details from the PurchaseOrder, DeliveryMessage, or Invoice.
- The trading parties' general operating procedures, bank account information, and payment terms.
- Specific contractual information.
- Details, such as general ledger distribution information, provided as a service to the trading parties.
- Tax details when applicable

Credit/Debit Note Message types

There are two types of Credit/Debit Note Messages:

- Credit Note
 - ◇ Credits which are provided to the receiving party for amount reductions.
- Debit Note
 - ◇ Debits which are charged to the receiving party for additional charges.

Credit/Debit Note Business Rules

General Credit/Debit Note Business Rules

Reference	Rule
CRD001	A Credit/Debit Note must contain a single reason for the transaction.

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Reference	Rule
CRD002	A Credit/Debit Note can originate from any trading party.
CRD003	In the event of an incorrect Credit/Debit Note being sent, corrections are handled issuing a new Credit/Debit Note of the opposite type. The original document reference must be mentioned.
CRD004	Credit/Debit Note cancellations are handled by the issuing party issuing a new Credit/Debit Note of the opposite type. The original document reference must be mentioned.
CRD005	A Credit/Debit Note can only be issued to a single receiving party, but it may refer to multiple trading parties e.g. a Company Group.
CRD006	A Credit/Debit Note may refer to one or more customer purchase order, delivery, invoice and/or claim reference numbers.

Processing the Credit/Debit Note Message

For the Credit/Debit Note Message, all message types are processed in the same way.

Status Values Used When Processing the Credit/Debit Note Message

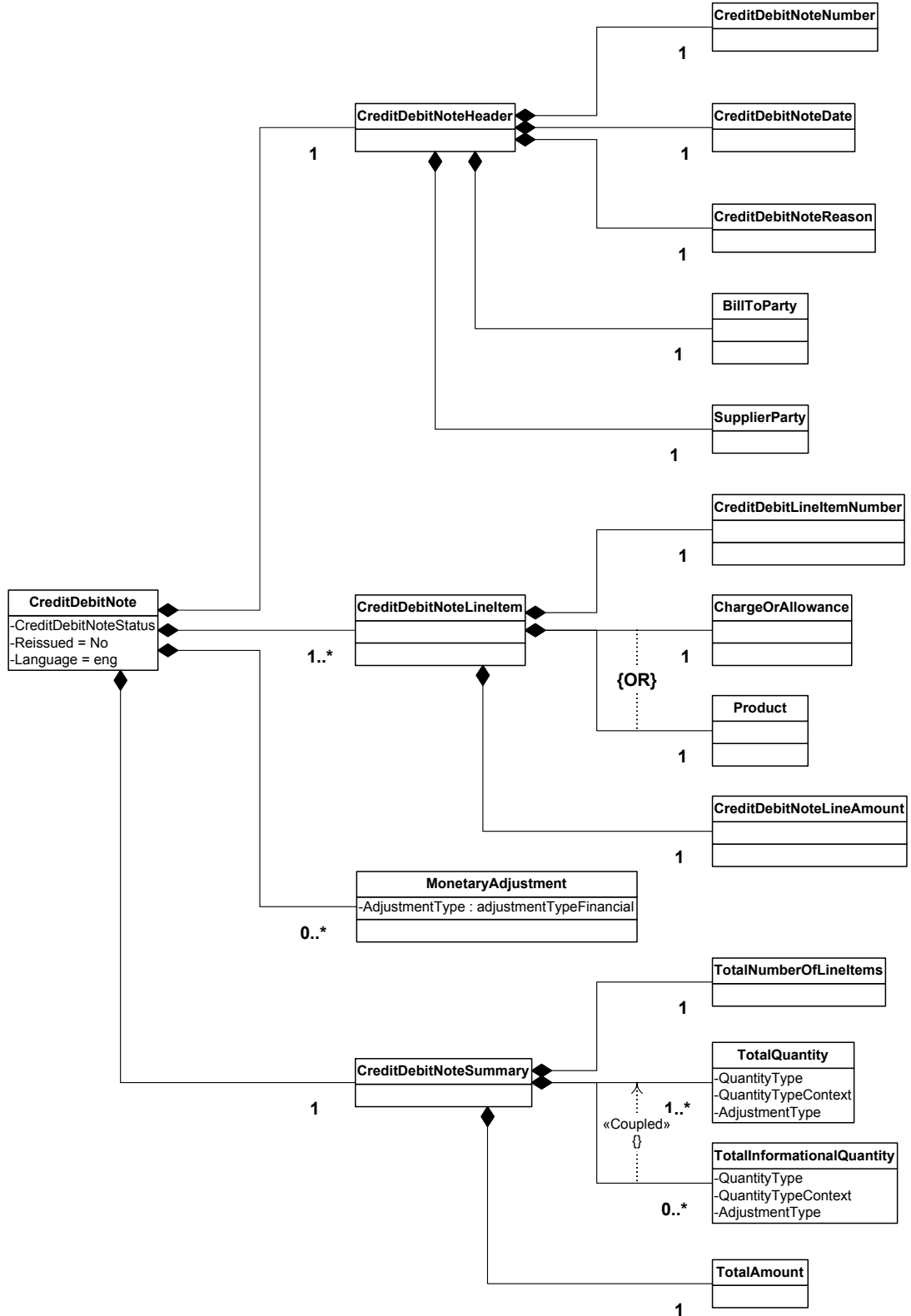
Level	Attribute	Value
Message	Reissued	<p>No – Indicates that this is the first transmission of the message.</p> <p>Yes – is sent by the issuing party based upon a request from the originally intended receiver of the message.</p> <ul style="list-style-type: none"> If the original Credit/Debit Note Message is located after the issuing party sends a copy, the receiver can decide whether to process the original or the copy message. In addition it indicates that the Credit/Debit Note was sent previously.

No amendment of the Credit/Debit Note Message is permitted. All changes must be performed by issuing a new Credit/Debit Note Message.

The issuing party is responsible for ensuring that the combination of the CreditDebitNoteNumber and CreditDebitNoteLineItemNumber are unique.

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High-level UML Diagram of Credit Debit Note



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Overview of Credit/Debit Note Structure

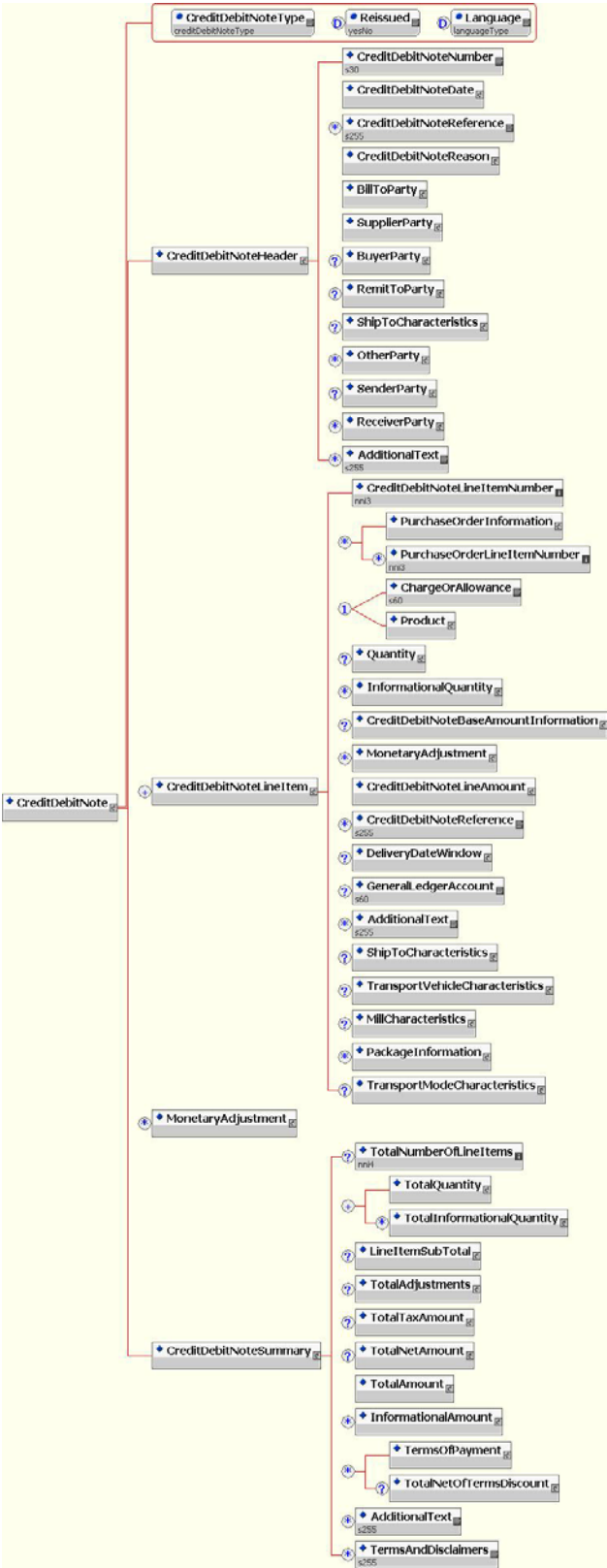
		Type	Required	Occurrence
CreditDebitNote		Root		
	@CreditDebitNoteType	Attribute	Required	Single
	@Reissued	Attribute	Optional	Single
	@Language	Attribute	Optional	Single
	CreditDebitNoteHeader	Element	Required	Single
	CreditDebitNoteNumber	Element	Required	Single
	CreditDebitNoteDate	Element	Required	Single
	CreditDebitNoteReference	Element	Optional	Multiple
	CreditDebitNoteReason	Element	Required	Single
	BillToParty	Element	Required	Single
	SupplierParty	Element	Required	Single
	BuyerParty	Element	Optional	Single
	RemitToParty	Element	Optional	Single
	ShipToCharacteristics	Element	Optional	Single
	OtherParty	Element	Optional	Multiple
	SenderParty	Element	Optional	Single
	ReceiverParty	Element	Optional	Multiple
	AdditionalText	Element	Optional	Multiple
	CreditDebitNoteLineItem	Element	Required	Multiple
	CreditDebitNoteLineItemNumber	Element	Required	Single
	PurchaseOrderInformation	Element	Optional	Multiple
	PurchaseOrderLineItemNumber	Element	Optional	Multiple
OR	ChargeOrAllowance	Element	Required	Single
	Product			
	Quantity	Element	Optional	Single
	InformationalQuantity	Element	Optional	Multiple
	CreditDebitNoteBaseAmountInformation	Element	Optional	Single
	MonetaryAdjustment	Element	Optional	Multiple
	CreditDebitNoteLineAmount	Element	Required	Single
	CreditDebitNoteReference	Element	Optional	Multiple
	DeliveryDateWindow	Element	Optional	Single
	GeneralLedgerAccount	Element	Optional	Single
	AdditionalText	Element	Optional	Multiple
	ShipToCharacteristics	Element	Optional	Single
	TransportVehicleCharacteristics	Element	Optional	Single
	MillCharacteristics	Element	Optional	Single
	TransportModeCharacteristics	Element	Optional	Single
	MonetaryAdjustment	Element	Optional	Multiple
	CreditDebitNoteSummary	Element	Required	Single

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	Type	Required	Occurrence
TotalNumberOfLineItems	Element	Optional	Single
TotalQuantity	Element	Optional	Multiple
TotalInformationalQuantity	Element	Optional	Multiple
LineItemSubTotal	Element	Optional	Single
TotalAdjustments	Element	Optional	Single
TotalTaxAmount	Element	Optional	Single
TotalNetAmount	Element	Optional	Single
TotalAmount	Element	Required	Single
InformationalAmount	Element	Optional	Single
TermsOfPayment	Element	Optional	Multiple
TotalNetOfTermsDiscount	Element	Optional	Multiple
AdditionalText	Element	Optional	Multiple
TermsAndDisclaimers	Element	Optional	Single

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Graphical Representation of Credit/Debit Note



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Credit/Debit Note Schema Structure and Processing Logic

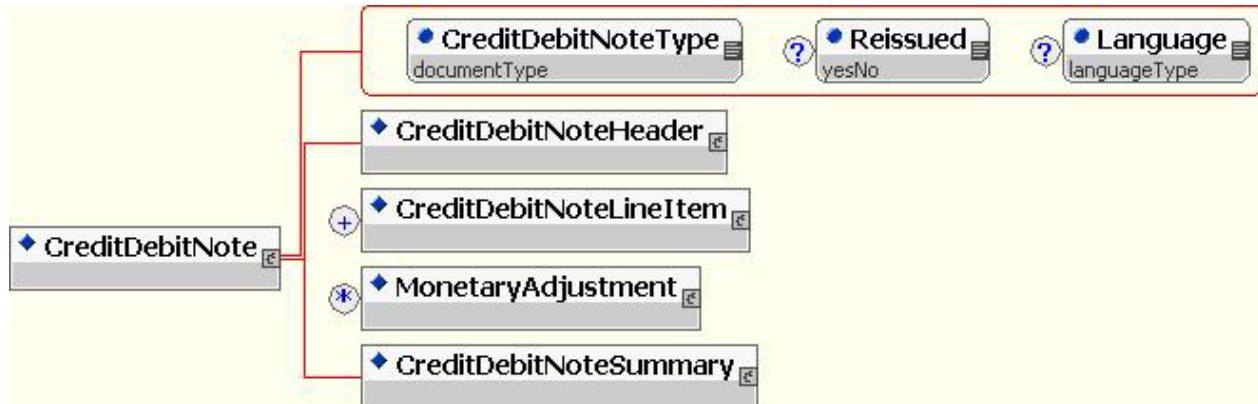
This section provides a detailed graphical view of the CreditDebitNote Schema structure; the CreditDebitNote root element, the CreditDebitNoteHeader, the CreditDebitNoteLineItem, MonetaryAdjustment, and the CreditDebitNoteSummary. Discussions of the subordinates to Invoice can be found in the Glossary document and a review of the data-types can be found in the Design document (available at www.papiNet.org). This section also contains a review of the processing logic that is special to the CreditDebitNote message.

The graphical display of the Schema contains occurrence indicators and data type information. These indicators appear to the left of the boxes in the schema graphic and they have the following meanings:

- (Blank) Required, single instance
- (+) Required, multiple instances
- (?) Optional, single instance
- (*) Optional, multiple instances

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CreditDebitNote Root



CreditDebitNote has a required attribute CreditDebitNoteType.

- [CreditDebitNoteType](#)
 - ✧ Credit
 - ✧ Debit

CreditDebitNote has an optional attribute that indicates whether the document is an original or a copy. The default is No – the document is not a copy, it is an original.

- [Reissued](#)
 - ✧ Yes
 - ✧ No

An attribute to communicate the Language

- [Language](#), optional defaults to “eng” (English)
 - ✧ Indicates the language for the content of the message.

Elements:

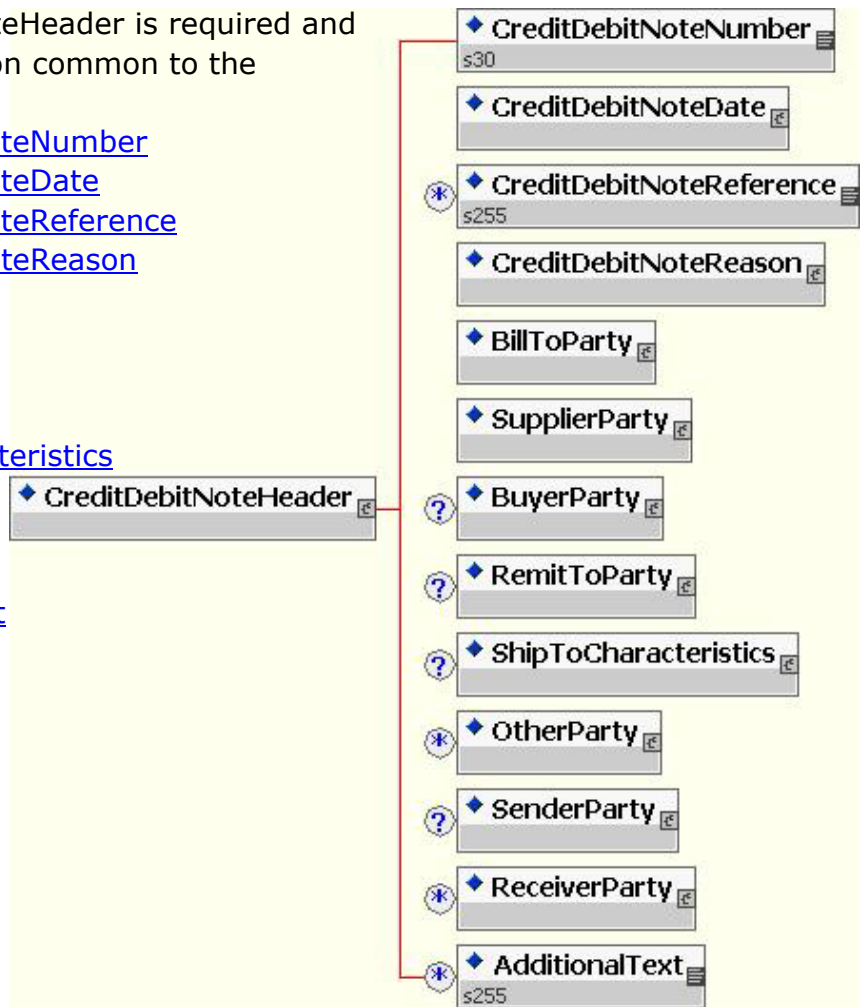
- [CreditDebitNoteHeader](#)
- [CreditDebitNoteLineItem](#)
- [MonetaryAdjustment](#)
- [CreditDebitNoteSummary](#)

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CreditDebitNoteHeader

The CreditDebitNoteHeader is required and contains information common to the CreditDebitNote:

- [CreditDebitNoteNumber](#)
- [CreditDebitNoteDate](#)
- [CreditDebitNoteReference](#)
- [CreditDebitNoteReason](#)
- [BillToParty](#)
- [SupplierParty](#)
- [BuyerParty](#)
- [RemitToParty](#)
- [ShipToCharacteristics](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [AdditionalText](#)



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CreditDebitNoteLineItem

Multiple CreditDebitNote-LineItem instances are allowed; at least one is required.

CreditDebitNoteLineItem contains the following elements:

- [CreditDebitNote-LineItemNumber](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrder-LineItemNumber](#)

A choice of one of the following elements is required:



- [ChargeOrAllowance](#)
- [Product](#)

Followed by these elements:

- [Quantity](#)
- [InformationalQuantity](#)
- [CreditDebitNoteBaseAmountInformation](#)
- [MonetaryAdjustment](#)
- [CreditDebitNoteLineAmount](#)
- [CreditDebitNoteReference](#)
- [DeliveryDateWindow](#)
- [GeneralLedgerAccount](#)
- [AdditionalText](#)
- [ShipToCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [MillCharacteristics](#)
- [TransportModeCharacteristics](#)



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MonetaryAdjustment

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount.

MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated:

- [AdjustmentType](#)

MonetaryAdjustment contains the following elements:



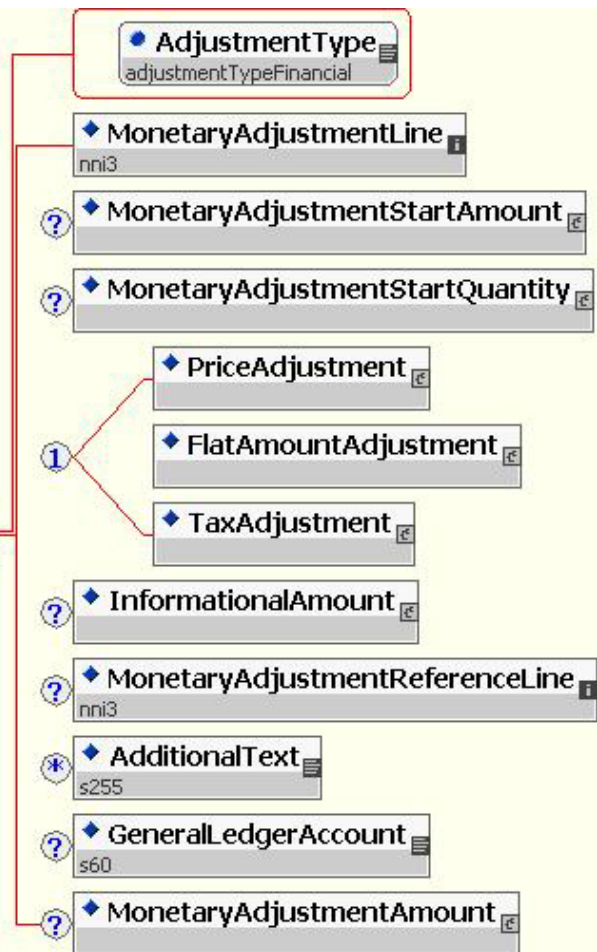
- [MonetaryAdjustmentLine](#)
- [MonetaryAdjustmentStartAmount](#)
- [MonetaryAdjustmentStartQuantity](#)

A choice of one of the following:

- [PriceAdjustment](#)
- [FlatAmountAdjustment](#)
- [TaxAdjustment](#)

And then the following elements:

- [InformationalAmount](#)
- [MonetaryAdjustmentReferenceLine](#)
- [AdditionalText](#)
- [GeneralLedgerAccount](#)
- [MonetaryAdjustmentAmount](#)



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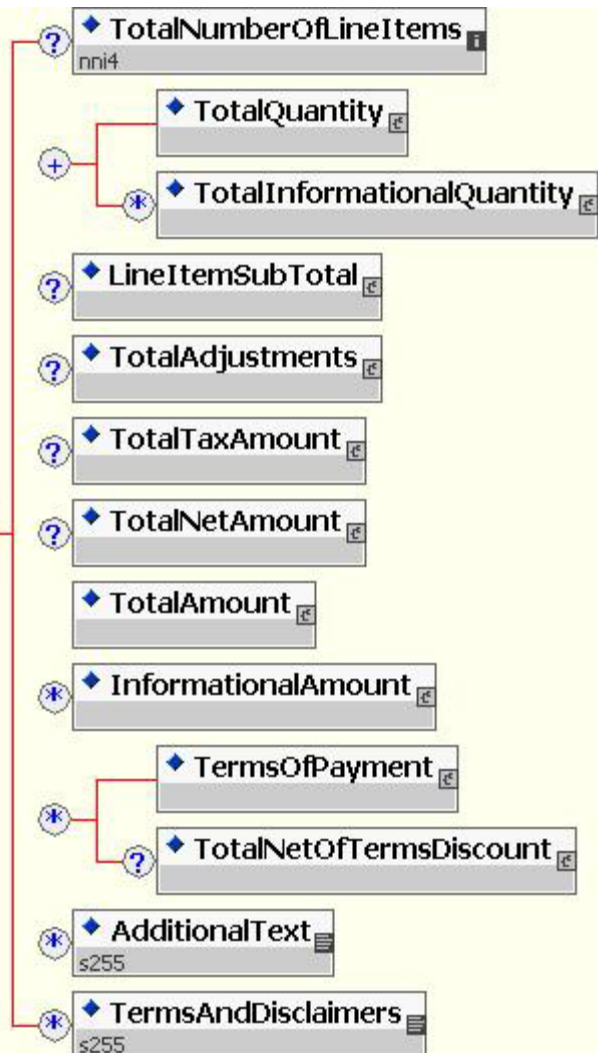
CreditDebitNoteSummary

CreditDebitNoteSummary is required and single instance; it contains the following elements:

- [TotalNumberOfLineItems](#)
- A grouping of [TotalQuantity](#) with [TotalInformationalQuantity](#)
- [LineItemSubTotal](#)
- [TotalAdjustments](#)
- [TotalTaxAmount](#)
- [TotalNetAmount](#)
- [TotalAmount](#)



- [InformationalAmount](#)
- [TermsOfPayment](#)
- [TotalNetOfTermsDiscount](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



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Common Definition Reference - Elements

AdditionalText

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements. This element is repeatable and limited to the number of characters that would normally fit across a page.

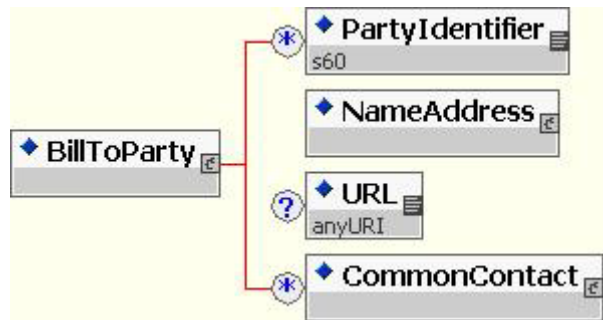


BillToParty

The organisation or legal entity to which the invoice is to be sent. See [Party](#) for structure.

BuyerParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



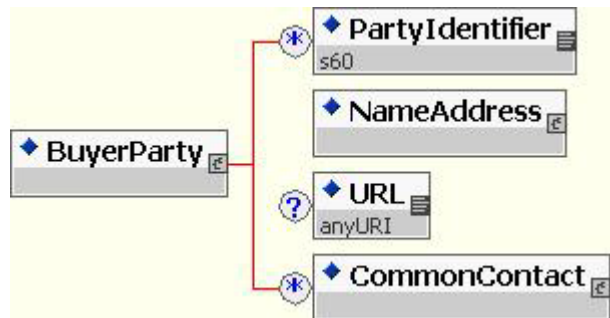
Refer to [Party](#) for additional information

BuyerParty

The organisation or legal entity authorised to issue the purchase order. See [Party](#) for structure.

BuyerParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



Refer to [Party](#) for additional information

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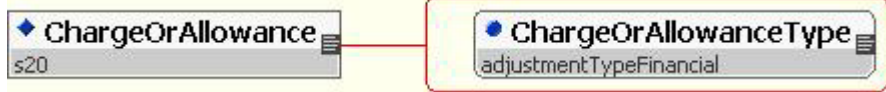
ChargeOrAllowance

The description of the charge or allowance;

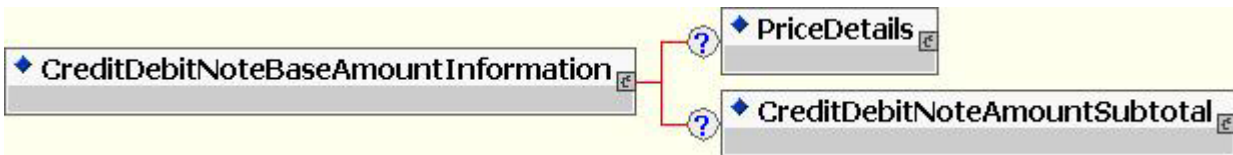
such as freight, special handling, and stop-off handling.

ChargeOrAllowance contains the following optional attribute:

- [ChargeOrAllowanceType](#)



CreditDebitNoteBaseAmountInformation



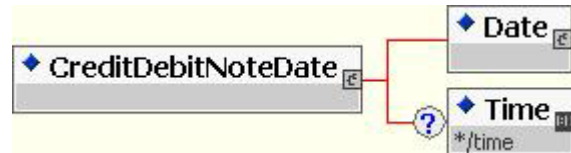
A group item containing the price per unit and the CreditDebitNote amount subtotal.

CreditDebitNoteBaseAmountInformation contains the following elements:

- [PriceDetails](#)
- [CreditDebitNoteAmountSubtotal](#)

CreditDebitNoteDate

The [Date](#) and [Time](#) the CreditDebitNote is issued.



CreditDebitNoteLineAmount

The total CreditDebitNote amount per line (includes adjustments and tax)

CreditDebitNoteLineAmount encapsulates [CurrencyValue](#).line item.



CreditDebitNoteLineItemNumber

A sequential number that uniquely identifies the CreditDebitNote line item.



CreditDebitNoteNumber

The unique CreditDebitNote identifier as agreed

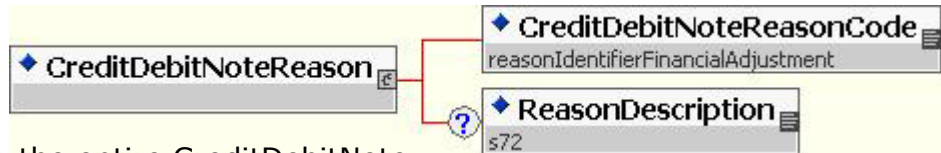


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to by the trading partners.

CreditDebitNoteReason

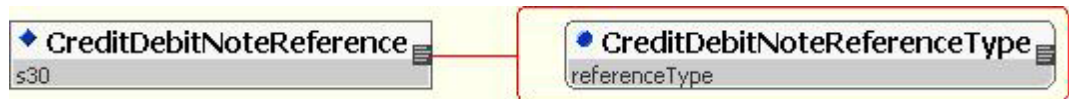
A group item containing the reason for the entire CreditDebitNote.



CreditDebitNoteReason is required and single instance; it contains the following elements:

- [CreditDebitReasonCode](#)
- [ReasonDescription](#)

CreditDebitNoteReference



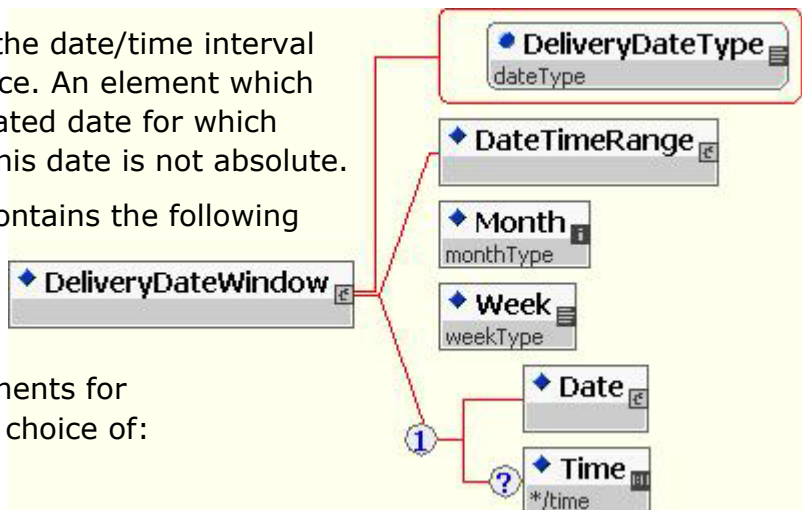
An element detailing relevant references pertaining to the CreditDebitNote. CreditDebitNoteReference uses the [CreditDebitNoteReferenceType](#) attribute.

DeliveryDateWindow

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

DeliveryDateWindow contains the following attribute:

- [DeliveryDate-
Type](#)



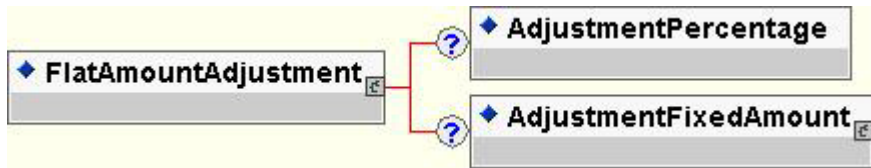
When defining the elements for DeliveryDateWindow a choice of:

- [DateTimeRange](#)
- [Month](#)
- [Week](#)
- [Date](#) with an optional [Time](#) is required.

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FlatAmountAdjustment

A group item that contains flat adjustment amount information.



FlatAmountAdjustment contains the following elements:

- [AdjustmentPercentage](#)
- [AdjustmentFixedAmount](#)

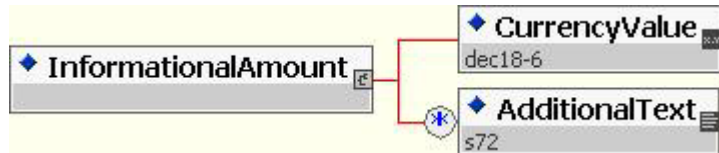
GeneralLedgerAccount

The general ledger account to be referenced for the item.



InformationalAmount

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.



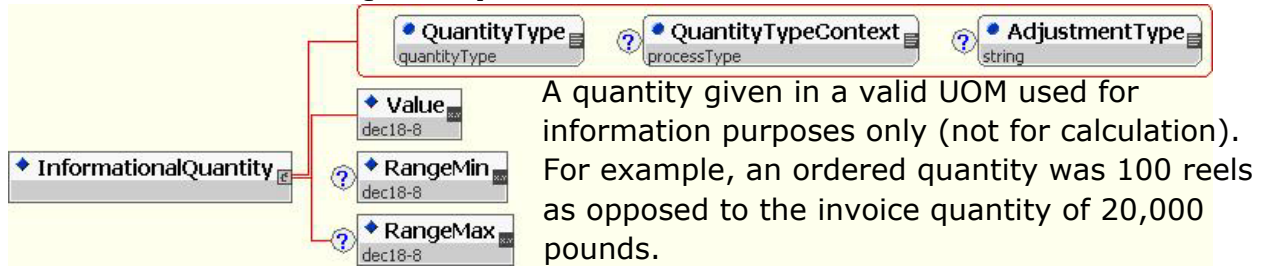
InformationalAmount contains the elements:

- [CurrencyValue](#)
- [AdditionalText](#)

Invoice - The TaxAmount is displayed in the currency that is applicable throughout the invoice. When a TaxAmount needs to be displayed in a different national currency, this field is used.

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InformationalQuantity



InformationalQuantity contains the following attributes:

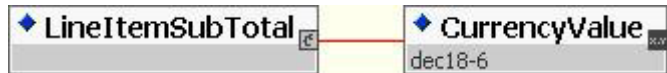
- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

And the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

LineItemSubTotal

The total amount of all InvoiceLineBaseAmount(s) line items without any monetary adjustments that may occur after the invoice lines.



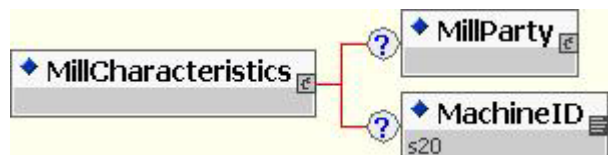
LineItemSubTotal encapsulates the [CurrencyValue](#) element.

MillCharacteristics

A group item defining the mill location and machine ID of a product.

MillCharacteristics contains the following elements.

- [MillParty](#)
- [MachineID](#)



MonetaryAdjustmentAmount

The actual amount of the monetary adjustment.



MonetaryAdjustmentAmount encapsulates the [CurrencyValue](#) attribute.

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MonetaryAdjustmentLine

A sequence number indicating the order of printing or the sequence in which a group of adjustments are to be considered.



MonetaryAdjustmentReferenceLine

A link to a previously defined MonetaryAdjustmentLine upon which this adjustment is based.



MonetaryAdjustmentStartAmount

The beginning currency amount used in the calculation of a monetary adjustment.

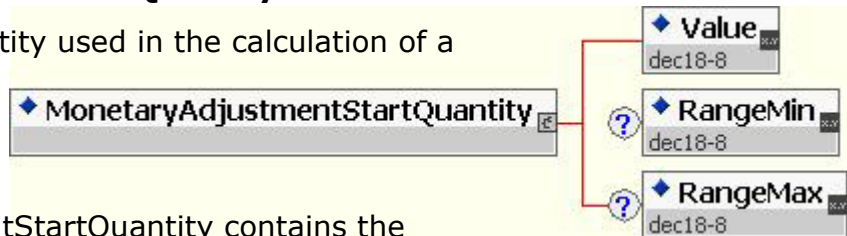
MonetaryAdjustmentStartAmount encapsulates the



[CurrencyValue](#) element.

MonetaryAdjustmentStartQuantity

The beginning quantity used in the calculation of a monetary adjustment.



MonetaryAdjustmentStartQuantity contains the following elements:

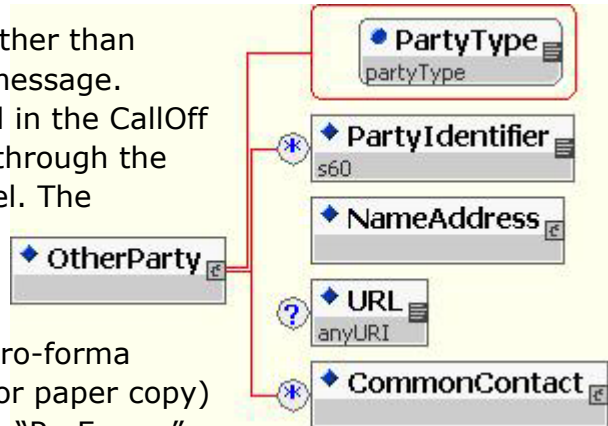
- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

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OtherParty

An organisation or business entity other than those specifically detailed within a message.

- CallOff - If a carrier is specified in the CallOff message, this should be done through the CarrierParty on the header level. The PartyType "Carrier" should not be used.
- Invoice - The seller may generate multiple copies of a pro-forma invoice and a copy (electronic or paper copy) sent to the OtherParty that has "ProForma" assigned to the PartyType attribute.



OtherParty contains the [PartyType](#) attribute.

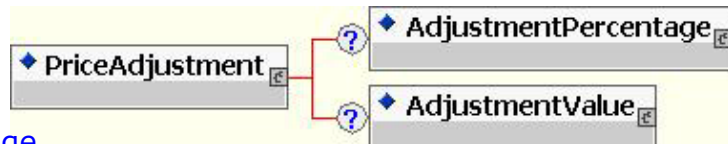
OtherParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)
 - ✧ Refer to [Party](#) for additional information

PriceAdjustment

A group item defining a deviation from the PricePerUnit.

PriceAdjustment contains the following elements:



- [AdjustmentPercentage](#)
- [AdjustmentValue](#)

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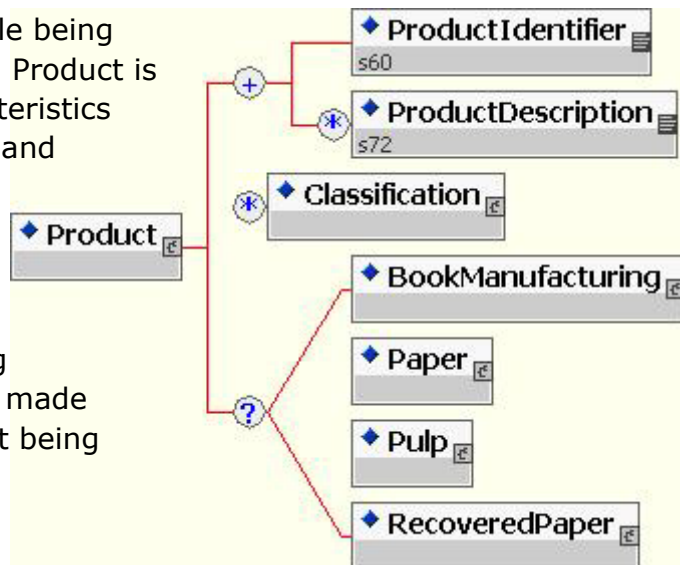
Product

A group item defining the article being ordered and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier and Classification.

- [ProductIdentifier](#)
- [ProductDescription](#)
- [Classification](#)

A choice of one of the following "market-segment" elements is made based upon the type of product being ordered.

- [BookManufacturing](#)
- [Paper](#)
- [Pulp](#)
- [RecoveredPaper](#)



Pulp and Paper are the only products whose characteristics and conversion features have been implemented in papiNet. Recovered Paper and Book Manufacturing are in process and additional product types are under consideration based upon user input.

PurchaseOrderInformation

A group item containing information unique to this purchase order, which is provided by the



PurchaseOrderInformation has the following elements:

- [PurchaseOrderNumber](#)
- [PurchaseOrderReleaseNumber](#)
- [PurchaseOrderIssuedDate](#)
- [PurchaseOrderReference](#)



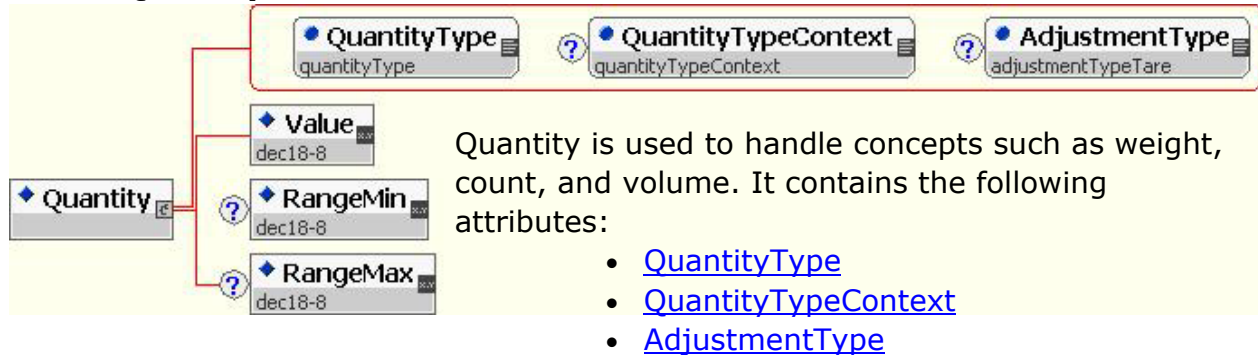
PurchaseOrderLineItemNumber

The sequential number that uniquely identifies the purchase order line item.



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Quantity



Quantity uses the [Measurement](#) group and has the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

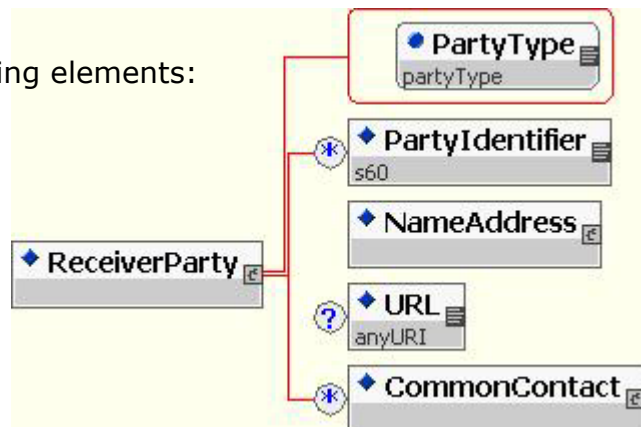
ReceiverParty

The party for whom the information (message) is intended, typed by the attribute [PartyType](#).

ReceiverParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

Refer to [Party](#) (in the Glossary) for additional information.



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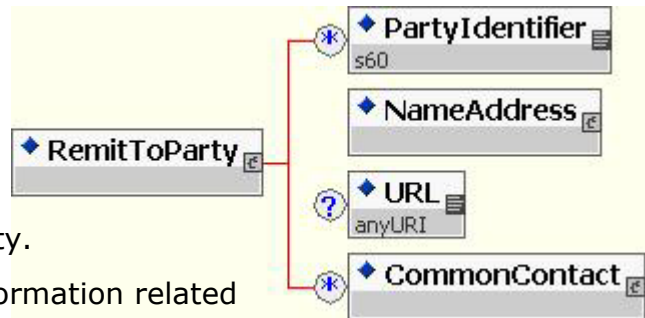
RemitToParty

A group item containing details of the party to whom payment will be made. When RemitToParty is optional and then omitted, the SupplierParty is assumed to be the RemitToParty.

The RemitToParty contains all information related to remittance except for the seller's bank information that is contained in SupplierParty.

RemitToParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



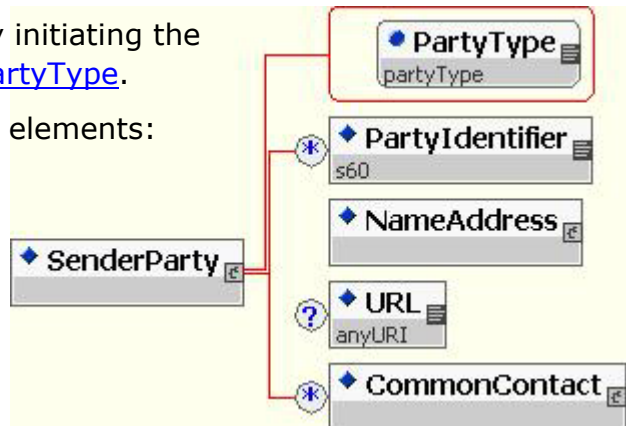
SenderParty

The organisation or business entity initiating the message, typed by the attribute [PartyType](#).

SenderParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

Refer to [Party](#) (in the Glossary) for additional information.



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ShipToCharacteristics

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at

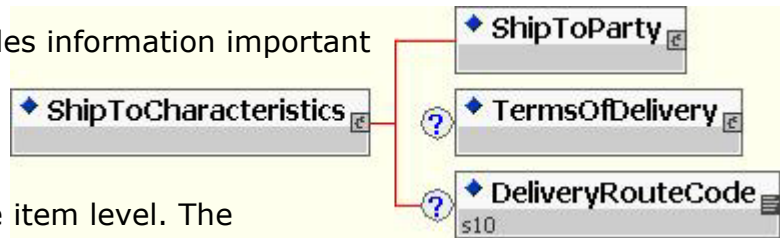
both the header and line item level. The

reference at the header is required and acts as a

default for the value at the line level, unless overridden at the line level.

ShipToCharacteristics contains the following elements:

- [ShipToParty](#)
- [TermsOfDelivery](#)
- [DeliveryRouteCode](#)

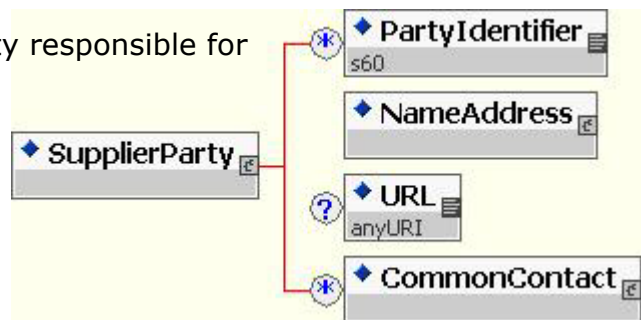


SupplierParty

The organisation or business entity responsible for providing the product.

SupplierParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



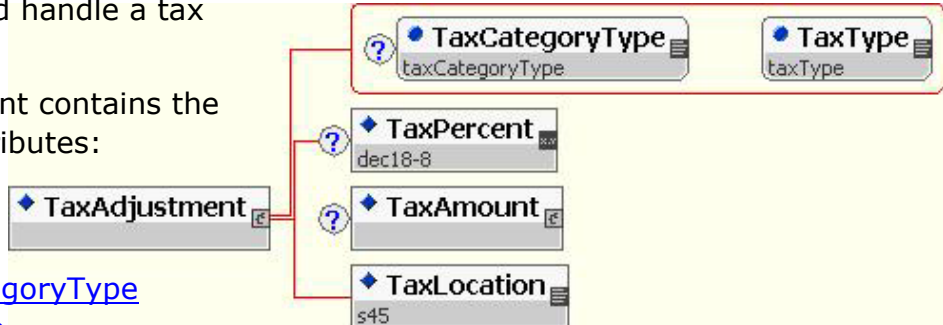
Refer to [Party](#) for additional information

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TaxAdjustment

This content element contains the necessary information to describe, calculate, and handle a tax adjustment.

TaxAdjustment contains the following attributes:



- [TaxCategoryType](#)
- [TaxType](#)

TaxAdjustment contains the following elements:

- [TaxPercent](#)
- [TaxAmount](#)
- [TaxLocation](#)

TermsAndDisclaimers

A repeatable element that contains legal information with an indication of what the [Language](#) is.



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TermsOfPayment

A group item that contains agreed-to terms defining when, how, and under what conditions the payment of the goods is to be made.

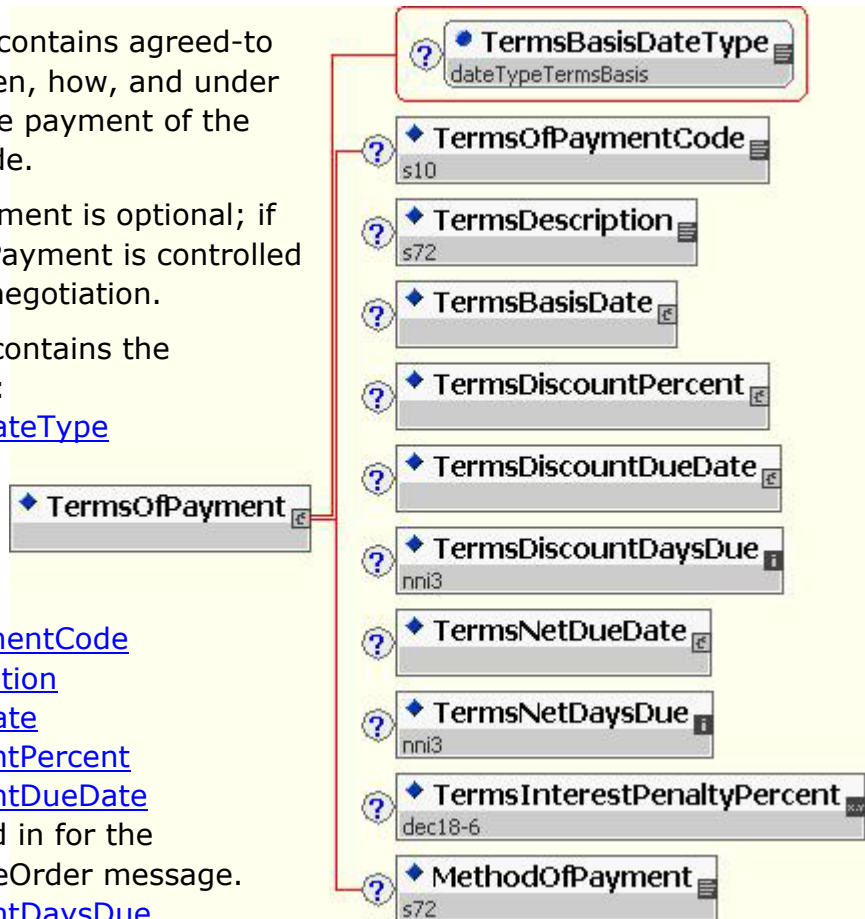
When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TermsOfPayment contains the following attribute:

- [TermsBasisDateType](#)

TermsOfPayment contains the following elements:

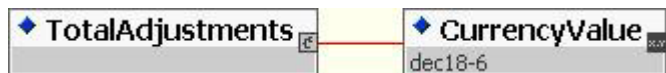
- [TermsOfPaymentCode](#)
- [TermsDescription](#)
- [TermsBasisDate](#)
- [TermsDiscountPercent](#)
- [TermsDiscountDueDate](#)
 - ✧ Not filled in for the PurchaseOrder message.
- [TermsDiscountDaysDue](#)
- [TermsNetDueDate](#)
- [TermsNetDaysDue](#)
 - ✧ Not filled in for the PurchaseOrder message.
- [TermsInterestPenaltyPercent](#)
- [MethodOfPayment](#)



TotalAdjustments

TotalAdjustments contains the sum of all instances of

PriceAdjustment and FlatAmountAdjustment at the line and summary level. TotalAdjustments contains the sum of all instance of the MonetaryAdjustmentAmount excluding tax amounts. TotalAdjustments encapsulates the [CurrencyValue](#) element.



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TotalAmount

A field containing the total amount including tax.

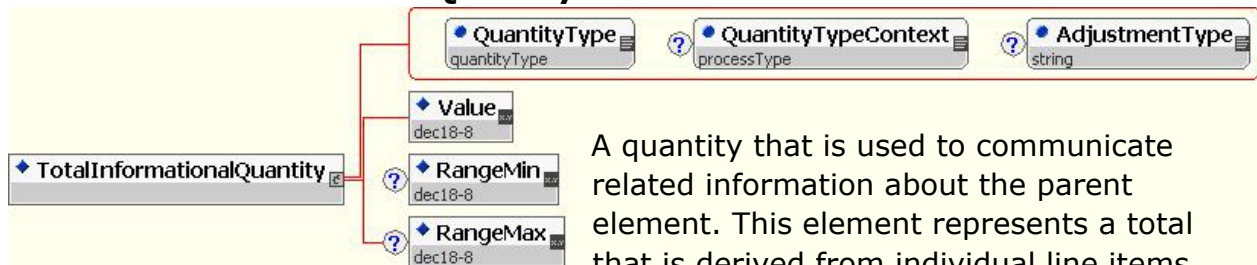
PurchaseOrder – The total amount, using a valid unit of measure of all the items in the message. Multiple total amounts are allowed so different units of measure or grade sub-totals can be communicated.

Invoice - TotalAmount is equal to [TotalNetAmount](#) plus [TotalTaxAmount](#). In certain countries this is the amount that is due for payment based upon the terms of payment.

TotalAmount encapsulates the [CurrencyValue](#) element.



TotalInformationalQuantity



A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TotalInformationalQuantity contains the following attributes:

- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

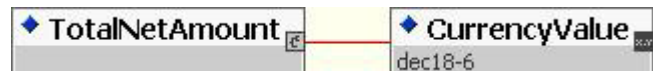
TotalInformationalQuantity contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

TotalNetAmount

A field containing total amount excluding tax. In the Invoice

TotalNetAmount is equal to the sum of [LineItemSubTotal](#) plus [TotalAdjustments](#). TotalNetAmount encapsulates [CurrencyValue](#).



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TotalNetOfTermsDiscount

The components of the amount to be paid if payment terms are met, including the amount that is

◆ TotalNetOfTermsDiscount €

subject to the payment terms discount, the discount amount, and the net amount due.

TotalNetOfTermsDiscount contains the following elements:

- [AmountSubjectToTermsDiscount](#)
- [TotalTermsDiscountNetAmount](#)
- [TotalTermsDiscountNetAmountDue](#)
- [TotalTermsDiscountTaxAmount](#)
- [TotalTermsDiscountAmountDue](#)

◆ AmountSubjectToTermsDiscount €

◆ TotalTermsDiscountNetAmount €

◆ TotalTermsDiscountNetAmountDue €

◆ TotalTermsDiscountTaxAmount €

◆ TotalTermsDiscountAmountDue €

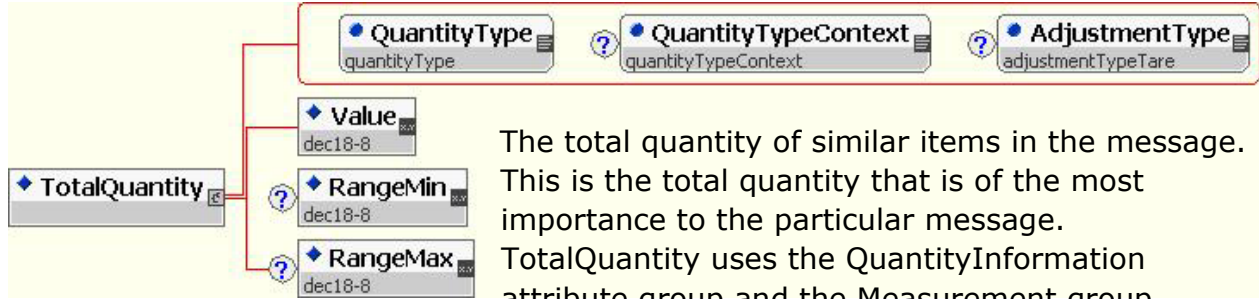
TotalNumberOfLineItems

The total number of individual line items in the message.

◆ TotalNumberOfLineItems
nni4

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TotalQuantity



The total quantity of similar items in the message. This is the total quantity that is of the most importance to the particular message. TotalQuantity uses the QuantityInformation attribute group and the Measurement group

(element grouping).

TotalQuantity uses the following attributes:

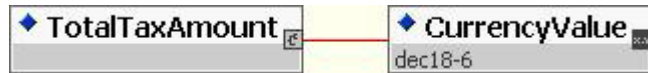
- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

TotalQuantity uses the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

TotalTaxAmount

TotalTaxAmount contains the sum of all instances of



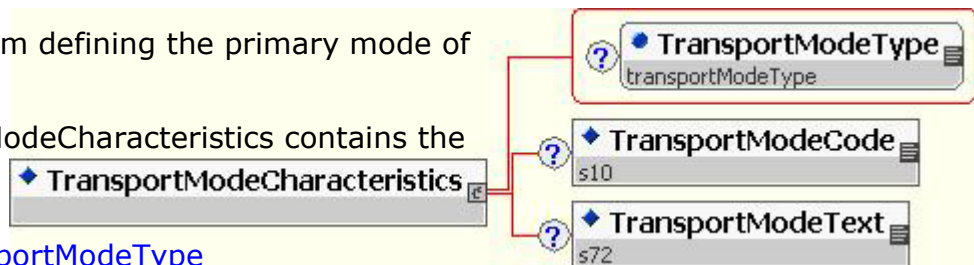
TaxAdjustment at line and summary level. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments. TotalTaxAmount encapsulates [CurrencyValue](#).

TransportModeCharacteristics

A group item defining the primary mode of transport.

TransportModeCharacteristics contains the following attribute:

- [TransportModeType](#)



TransportModeCharacteristics contains the following elements:

- [TransportModeCode](#)
- [TransportModeText](#)

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TransportVehicleCharacteristics

A group item defining the primary means of transporting the goods, such as a side port vessel. In some instances, the transport unit and vehicle are the same.

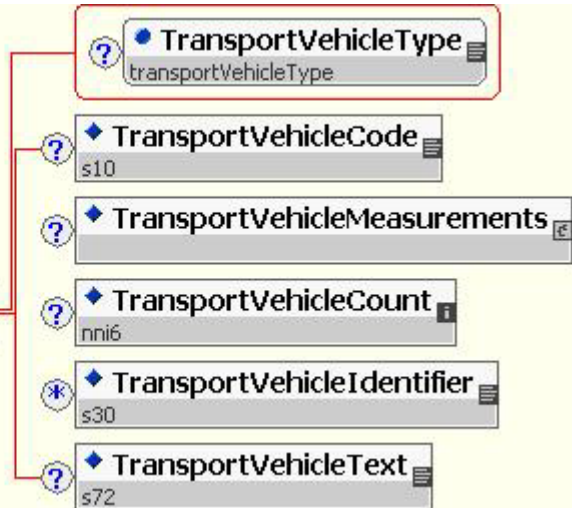
TransportVehicleCharacteristics



contains the [TransportVehicleType](#) attribute.

TransportVehicleCharacteristics contains the following elements:

- [TransportVehicleCode](#)
- [TransportVehicleMeasurements](#)
- [TransportVehicleCount](#)
 - ◇ This element is not required for the PurchaseOrder.
- [TransportVehicleIdentifier](#)
 - ◇ This element is not required for the PurchaseOrder.
- [TransportVehicleText](#)



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Common Definition References – Attributes

AdjustmentType (Financial)

Describes the type of adjustment applied to an element. An adjustment can be either a value expressed in a currency or a percentage.

Used in:

- MonetaryAdjustment

Choices:

- **CancellationCharge** - A charge applied because a cancellation was late (after the last date of change) and all or part of the ordered product has already been made.
- **CashDiscount** - A reduction due to a discount applied.
- **ChargesForward** - A pending invoice amount brought forward from a previous invoice.
- **ClaimAdjustment** - An adjustment related to a filed complaint.
- **Commission** - Commission costs paid to the trading agency or trader.
- **ContractAllowance** - An allowance for a volume discount, usually because the agreed amount has been exceeded.
- **DeliveryNonConformanceAllowance** - An allowance due to non-conformance with the purchase agreement regarding a delivery.
- **EarlyShipAllowance** - An allowance due to a delivery that took place earlier than planned. The seller may be charged a penalty. If this is found before issuing the invoice, it can be handled through this allowance. If found later, it will be handled through a credit note.
- **Environmental** - An allowance applied due to environmental regulations.
- **ExpeditedShipmentCharge** - An extra cost charged due to unexpected or emergency requirements (for example, breaking off a run in the mill to reach the production date for a rush order).
- **FreightAllowance** - The freight cost allowed by the mill. This amount is negative, and will be deducted from the invoice (U.S. business practice, in the European Union (EU), use only Freight Charge).
- **FreightCharge** - The actual cost incurred to deliver the product. This amount is positive, and will be added to the invoice.
- **Inspection** - The cost associated with performing an inspection of the product.
- **InterestCharge** - A charge applied for interest on overdue payments.

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- **Other** - Any other adjustment not covered by the attribute list.
- **PriceCorrection** - An adjustment associated with a correction of the product's price.
- **ProductionSetUpCharge** - A special charge applied due to specific buyer requests.
- **Provision** - The act of making ready or equipping for use.
- **Rebate** - A rebate accepted by the buyer and seller based on the agreed price and volume.
- **ReturnedLoadAllowance** - An allowance applied due to the return of the product.
- **ReturnLoadCharge** - A charge applied due to the return of the product.
- **SpecialDeliveryCharge** - A special charge for delivering the product differently from the usual or agreed-to method.
- **SpecialHandlingCharge** - A special charge for handling the product differently from the usual or agreed-to method.
- **SpecialPackagingCharge** - A special charge for packaging the product differently from the usual or agreed-to method, or if packaging as requested is out of spec.
- **StopOffAllowance** - An allowance for a delivery stop-off.
- **StopOffCharge** - A charge for a delivery stop-off.
- **StorageCharge** - An extra cost charged for storing the product on location (in the plant).
- **Tax** - An adjustment that reflects a tax item.
- **TestingCharge** - A charge related to testing a new paper grade.
- **TradeDiscount** - A discount based on the terms of the trade given on the agreed price. Usually a percentage.
- **TransferCharge** - A freight charge incurred by the goods transfer from one location to another location not previously agreed upon.
- **TrialDiscount** - A discount applied for a trial run of a new or improved product.
- **VolumeDiscount** - A rebate accepted by the buyer and the seller based on the agreed volume.

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CreditDebitNoteReasonType

Used in:

- CreditDebitNoteReasonCode

Choices:

- Claim
- Commission
- InvoiceError
- Rebate

CreditDebitNoteReferenceType

Used in:

- CreditDebitNote

Choices:

- [AccountNumber](#)
- [BuyerClaimNumber](#)
- [CMRNumber](#)
- [ComplaintNumber](#)
- [ComplaintResponseNumber](#)
- [ContractLineNumber](#)
- [ContractNumber](#)
- [DespatchInstructionNumber](#)
- [IndentOrderNumber](#)
- [IntraStatNumber](#)
- [ISODocumentReference](#)
- [LotIdentifier](#)
- [MillOrderLineItemNumber](#)
- [MillOrderNumber](#)
- [OriginalInvoiceNumber](#)
- [Other](#)
- [StockOrderNumber](#)
- [SupplierClaimNumber](#)
- [SupplierReferenceNumber](#)
- [SupplierVoyageNumber](#)

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CreditDebitNoteType

Defines the type of the CreditDebitNote Message.

Used in:

- CreditDebitNote

Choices:

- **CreditNote** – The transaction represents a reduction in the amount the buyer owes.
- **DebitNote** – The transaction represents an increase in the amount the buyer owes.

Language

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard. The various references are provided below.

papiNet has set the default value for Language to "eng". RFC3066 would indicate that it should be set to "en" however, we feel that it is more appropriate to use the content-rich 3-digit codes whenever possible.

Used in:

- | | |
|---------------------------|---------------------------------------|
| • Availability | • Invoice |
| • BusinessAcknowledgement | • OrderConfirmation |
| • CallOff | • OrderStatus |
| • Complaint | • PackagingDescription |
| • ComplaintResponse | • ProductDescription |
| • CreditDebitNote | • ProductQuality |
| • DeliveryMessage | • PurchaseOrder |
| • DeliveryMessageBook | • RFQ |
| • EndUses | • RFQResponse |
| • GoodsReceipt | • ShippingInstructions |
| • InfoRequest | • SenderProduct-AttributesDescription |
| • InventoryChange | • TermsAndDisclaimers |
| • InventoryStatus | • Usage |

Choices:

- <http://www.loc.gov/standards/iso639-2/>
This is the official site of the ISO 639-2 Registration Authority.
- <http://www.w3.org/International/O-HTML-tags.html>
Provides an explanation of the errata updating XML.
- <http://www.ietf.org/rfc/rfc3066.txt>
is the key document that is referenced in the above errata.

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referenceType

Provides a contextual explanation of the specific reference identifier

- **AccountNumber** - The unique reference number given to a financial account of the party involved in the transaction.
- **Author** - Name of the author of the product or book.
- **AudioVideoSelectionNumber** – Unique number given to every audio master. Used by duplicators and replicators.
- **BillOfLadingNumber** - The unique reference number given to a bill of lading document given to the carrier transporting the product; the bill of lading is a legal document that lists all the products that are being transported.
- **BookLanguage** – Language of the text of the book.
- **BuyerBudgetCenter** – Buyers internal cost-centre identifier.
- **BuyerClaimNumber** – A number assigned by the buyer to track their claim.
- **BuyerDivisionIdentifier** – Buyer’s internal division identifier.
- **BuyerImprint** – Identifies which publisher’s imprint to which this product belongs.
- **BuyerRetailPrice** – Cover price of the finished product.
- **CallOffLineItemNumber** – The specific line item number for the Call-Off.
- **CallOffNumber** - The unique reference number given to a call-off message. The call-off number of a previously sent call-off message can be referenced. For example, a seller can refer to a call-off number in a delivery message.
- **CIMNumber** - The unique reference number given to an international freight document for rail transport.
- **CMRNumber** - The unique reference number given to an international freight document for road transport.
- **ComplaintNumber** – The reference number associated with a complaint.
- **ComplaintResponseNumber** – The reference number associated with a complaint response.
- **ContractLineNumber** - A particular line number of a contract. Note: To reference a contract line number, the seller or buyer must include a clear reference to the corresponding contract elsewhere in the message.
- **ContractNumber** - The unique reference number given to a mutual commercial/trading agreement between a buyer and a seller. The agreement can cover a quote, a bid, a contract, pricing, invoicing, and/or payment terms.

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- **ConvertingReportNumber** – An identifier used to communicate which converting report is being referred to.
- **Copyright** – The year of publication copyright.
- **CreditDebitNoteNumber** – The number of the referenced Credit or Debit Note.
- **CustomerBookingNumber** – The customer’s number for the transit booking used to reference lines to be co-loaded on the same transport.
- **CustomerJobNumber** – an identifier for a specific job or task to which the forecast data is to apply, along with location and item.
- **CustomerJobTitle** – a name of a specific job or task to which the forecast data is to apply, along with location and item.
- **CustomerReferenceNumber** - A unique informational reference number passed on from the buyer to the seller. This number is meaningful only to the buyer.
- **DeliveryBookingNumber** – A number issued by the customer to schedule deliveries at their site.
- **DeliveryLocation** – The location to which product is to be delivered.
- **DespatchInformationNumber** -
- **DespatchInstructionNumber** – The unique reference number of the despatch instruction document. For example the despatch instructions sent from the mill to the warehouse.
- **Edition** – Buyer’s description of the version of the product edition. For example in book manufacturing values might be 2nd, Texas, Revised.
- **EndCallOffDate** – The last date that a call-off can be placed.
- **FormType** – type of printed signature. For book manufacturing, could be web, sheet, folded and gathered sig.
- **FromPurchaseOrderNumber** – The purchase order that is used as the source of information.
- **GoodsReceiptNumber** – The number of the goods receipt transaction that is being referred to.
- **IndentOrderNumber** - A unique reference number given to an order, which is to be delivered directly to the buyer’s own customer (typically a paper merchant). The reference value is passed from the buyer to the seller and the information content is meaningful only to the buyer.
- **InitialShipmentAdviceNumber** - The unique reference number given to an initial shipment advice message. The number of a previously sent initial shipment advice message can be referenced. For example, a seller can refer to an initial shipment advice number in a delivery message.
- **IntraStatNumber** The unique reference number given to product groups by the international authority Intrastat for statistical purposes. This number must be on the invoice when importing or exporting goods.

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- **ISBN10** – 10 digit ISBN code without dashes
- **ISBN10Dash** – 10 digit ISBN code with dashes
- **ISBN13** – 13 digit ISBN code.
- **ISODocumentReference** -- A unique ISO 9002 / 9001 document identifier.
- **IssueEvent** – A task, or other type of event, related to the creation of an issue of a publication.
- **JobNumber** – An identifier for a step in the production, publication, or manufacturing process. Usually a job has as its scope the amount of work performed by a defined resource (person or equipment).
- **LotIdentifier** – A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group.
- **MarketplaceReferenceNumber** – A number used by the marketplace to identify the information.
- **MasterBillOfLading** - The unique reference number given to a master bill of lading document, which contains multiple bills of lading. This is a legal document given to the carrier that transports the goods to multiple customers, each of which then receive a unique bill of lading document.
- **MasterContractNumber** – Contract number that is broader in terms of doing business between partners which for the book industry may, or may not include pricing.
- **MillOrderLineItemNumber** – The line number associated with the Mill Order Number.
- **MillOrderNumber** - The unique reference number created by the mill to identify a specific lot of paper with the same paper characteristics. This number may be used to identify a mill's internal order number, corresponding to all, or part of a buyer's purchase order.
- **MillSalesOfficeNumber** – The number used to identify the Mill's sales office.
- **OrderPartyReferenceNumber** – Reference number of the original order party.
- **OriginalComplaintResponseNumber** - Reference number of the original ComplaintResponse.
- **OriginalDeliveryNumber** - The unique reference number given to a delivery message number sent previously that has been replaced in the meantime.
- **OriginalGoodsReceiptNumber** – The original unique identifier of the GoodsReceipt that is to be replaced.
- **OriginalInvoiceNumber** - The unique reference number given to an invoice message number sent previously that has been replaced in the meantime.

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- **OriginalPurchaseOrderNumber** - The unique reference number given to a purchase order message number sent previously that has been replaced (through amendment or cancellation) in the meantime.
- **OriginalUsageNumber** - The unique reference number given to a usage message previously sent that has been replaced (through amendment or cancellation) in the meantime.
- **Other** - Used for any other reference that is not covered by this attribute list.
- **PackageNumber** - The unique reference number given to a manufacturer's product packaging designation.
- **PriceContractNumber** - Contract number that is specific to pricing.
- **PriceList** - The number used to identify the price list.
- **PrintingNumber** - Buyer's reference to the sequential print run number.
- **PubName** - The publication name.
- **PubNumber** - The publication number.
- **PupilsTeachers** - Description of the pupils/teachers edition specific to educational book products.
- **PurchaseOrderLineItemNumber** - a sequential number that uniquely identifies the purchase order line item.
- **PurchaseOrderNumber** - The unique reference number given to a purchase order message. The purchase order number of a previously sent order can be referenced. For example, a seller can refer to a purchase order number in an invoice message.
- **ReleaseNumber** - The unique sequential number given to the release of a reservation order, a contract, or a blanket order. Note: To reference a release number, the buyer or seller must have clearly referenced the corresponding purchase order elsewhere in the message.
- **RFQLineItemNumber** - The number used to identify the RFQ line item.
- **RFQNumber** - The identifier of the RFQ. Usually provided when opening a purchase order that is derived from a request for quote (RFQ).
- **RunNumber** - The unique reference number given to a paper-manufacturing slot on the mill production line (for example, paper machine or sheet cutter). Paper for several orders is manufactured in one run before resetting the machines for new manufacturing results.
- **SchoolGrade** - Grade level indicator of the book product, specific to educational text books such as grade 3. (K=Kindergarten, 1 through 12, CO=College)
- **SchoolGradeLevel** - Further definition of the Grade level of the book product, specific to educational text books such as grade 3 level A.

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- **ShippingInstructionsLineItemNumber** – Line number reference of the shipping instruction for book shipments.
- **ShippingInstructionsNumber** – Sequential message number of the shipping instruction.
- **SpecificationReferenceNumber** – Buyer’s version number of the book specification.
- **StockOrderNumber** - The unique reference number given to an order, which is to be delivered to the buyer’s designated stock location (typically a paper merchant). The reference value is passed from the buyer to the supplier and the information content is meaningful only to the buyer.
- **SupplierCallOffNumber** – A number assigned by the supplier to the call-off created by the customer.
- **SupplierClaimNumber** – The number assigned by the supplier to identify a claim.
- **SupplierReferenceNumber** - The unique reference number created by the seller in response to a purchase order. This number, sent in the seller’s order confirmation message, can correspond to all or part of a mill order number versus a run number.
- **SupplierVoyageNumber** - The unique seller’s reference number (own internal code) given to a voyage, not the port authority’s number.
- **Title** – Proper title of a book product.
- **TitleAlias** – Buyer supplied title description for book products, usually used for security purposes.
- **ToPurchaseOrderNumber** – The destination of purchase order information.
- **UniversalProductIdentifier** – Unique identifier for the book, component of a book product, and many other products.
- **UsageNumber** – The number used to identify the Usage activity being referred to.
- **VendorReferenceNumber** – A unique number created by the Vendor for the information.
- **WarehouseDeliveryNumber** – Alternate delivery number when the warehouse uses secondary documents to manage despatch, e.g. Third Party managed warehouse with their own system.

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Reissued

Reissued is an optional attribute that indicates whether the document is an original or a copy. When this attribute is omitted the document is not a copy – it is an original. This is because No is the default.

Used in:

- CallOff
- Complaint
- ComplaintResponse
- CreditDebitNote
- DeliveryMessage
- DeliveryMessageBook
- GoodsReceipt
- InventoryChange
- InventoryStatus
- Invoice
- OrderConfirmation
- ProductPerformance
- PurchaseOrder
- ShippingInstructions
- Usage

Choices:

- **Yes** – The document has been reissued.
- **No** – The document is the original.

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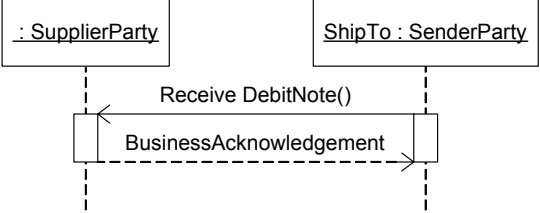
Credit/Debit Note Business Scenarios

Business Scenario List

<u>Scenario A</u>	A Credit/Debit Note is sent with one or more CreditDebitNoteLineItem(s) referring to multiple invoices.
<u>Scenario B</u>	A Debit Note is sent that corrects an erroneous Credit Note.
<u>Scenario C</u>	A Credit Note is sent that cancels an erroneous Debit Note.
<u>Scenario D</u>	A Credit Note is sent to compensate or charge one of the trading partners for a damage occurred during the transport of the goods
<u>Scenario E</u>	A Credit Note is sent to compensate an invoice which has been erroneously issued by the seller
<u>Scenario F</u>	A quarterly Credit Note is sent as a rebate to the customer for having reached a pre-agreed target volume

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Scenario A

Message	CreditDebitNote
Business Scenario	<p>A Debit Note is sent with one or more CreditDebitNoteLineItem(s) referring to multiple Delivery Messages.</p>  <pre> sequenceDiagram participant Supplier as : SupplierParty participant ShipTo as ShipTo : SenderParty ShipTo->>Supplier: Receive DebitNote() activate Supplier Supplier-->>ShipTo: BusinessAcknowledgement deactivate Supplier </pre>
Outcome	ShipToParty and SupplierParty Systems are updated with CreditDebitNote.
Initiator	ShipToParty
Receiver	SupplierParty
Trigger	Unforeseen costs upon delivery of the goods occurred.
Example	ShipToParty is issuing a Debit Note.

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Scenario B

Message	CreditDebitNote
Business Scenario	<p>A Debit Note is sent that corrects an erroneous Credit Note.</p> <pre> sequenceDiagram participant SP as : SupplierParty participant BP as : BillToParty SP->>BP: CreditNote() BP-->>SP: BusinessAcknowledgement SP->>BP: DebitNote() BP-->>SP: BusinessAcknowledgement </pre>
Scenario Outcome	SupplierParty and BillToParty Systems are updated according to the Debit Note.
Message Initiator	SupplierParty
Message Receiver	BillToParty
Preconditions	The Credit Note has an error and should be corrected.
Step 1	Supplier Party sends a Credit Note.
Step 2	<p>An error in the Credit Note amount is detected.</p> <ul style="list-style-type: none"> Note: This type of error would not normally be communicated via the BusinessAcknowledgement but would take place through another means.
Step 3	Supplier Party sends a Debit Note correcting the amount.

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Scenario C

Message	CreditDebitNote
Business Scenario	<p>A Credit Note is sent that cancels an erroneous Debit Note.</p> <pre> sequenceDiagram participant SP as : SupplierParty participant BP as : BillToParty SP->>BP: Debit Note BP-->>SP: BusinessAcknowledgement SP->>BP: Credit Note BP-->>SP: BusinessAcknowledgement </pre>
Scenario Outcome	SupplierParty and ShipToParty Systems are updated according to the Credit Note.
Message Initiator	SupplierParty
Message Receiver	ShipToParty
Preconditions	The Debit Note has an error and should be cancelled.
Step 1	Supplier Party sends a Debit Note.
Step 2	<p>An error in the Debit Note amount is detected.</p> <ul style="list-style-type: none"> Note: This type of error would not normally be communicated via the BusinessAcknowledgement but would take place through another means.
Step 3	Supplier Party sends a Credit Note cancelling the amount.

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Scenario D

Message	CreditDebitNote
Business Scenario	<p>A Credit Note is sent to compensate or charge one of the trading partners for a damage occurred during the transport of the goods</p> <pre> sequenceDiagram participant SP as : SupplierParty participant ST as ShipTo : SenderParty SP->>ST: Receive CreditNote() ST-->>SP: BusinessAcknowledgement </pre>
Scenario Outcome	SupplierParty and ShipToParty or BuyerParty or OrderParty Systems are updated with CreditDebitNote with CreditDebitNoteType = "Credit".
Message Initiator	SupplierParty
Message Receiver	ShipToParty or BuyerParty or OrderParty
Trigger	Unforeseen costs upon delivery of the goods occurred.
Pre-condition	The terms of sales preclude that the transport is paid by the SupplierParty
Example	<p>The SupplierParty delivers a load of reels to the ShipToParty.</p> <ul style="list-style-type: none"> During the transport, the paper gets wet because of water infiltration through leak in the transport vehicle.

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Scenario E

Message	CreditDebitNote
Business Scenario	<p>A Credit Note is sent to compensate an invoice which has been erroneously issued by the seller</p> <pre> sequenceDiagram participant S as : SupplierParty participant ST as ShipTo : SenderParty ST->>S: Receive CreditNote() S-->>ST: BusinessAcknowledgement </pre>
Scenario Outcome	SupplierParty and BillToParty or BuyerParty Systems are updated with CreditDebitNote with CreditDebitNoteType = "Credit".
Message Initiator	SupplierParty
Message Receiver	BillToParty or BuyerParty
Trigger	Unforeseen invoice error
Example	An invoice has been sent to the ShipToParty or BuyerParty by mistake

Scenario F

Message	CreditDebitNote
Business Scenario	<p>A quarterly Credit Note is sent as a rebate to the customer for having reached a pre-agreed target volume</p> <pre> sequenceDiagram participant S as : SupplierParty participant ST as ShipTo : SenderParty ST->>S: Receive CreditNote() S-->>ST: BusinessAcknowledgement </pre>
Scenario Outcome	SupplierParty and ShipToParty or BuyerParty or OrderParty Systems are updated with CreditDebitNote with CreditDebitNoteType = "Credit".
Message Initiator	SupplierParty
Message Receiver	ShipToParty or BuyerParty or OrderParty
Trigger	Rebate/bonus schema
Example	A rebate/bonus agreement is fulfilled by the customer