IT- og Telestyrelsen

Ministeriet for Videnskab
Teknologi og Udvikling

OIOUBL Guideline

UBL 2.0 ApplicationResponse

G02

Version 1.1

Colophon

Contact:

National IT and Telecom Agency

E-mail: oioubl@itst.dk

:

April 2007
Ministry of Science, Technology and Innovation
National IT and Telecom Agency

Data Standardization Office
Holsteinsgade 63
DK-2100 Copenhagen Ø
Phone +45 3545 0000
Fax +45 3545 0010
http://www.itst.dk
itst@itst.dk

Contents

1. How to read this document

This guideline covers the use of an invoice in OIOUBL. The guideline must be read in correlation with the remaining documents included in the OIOUBL package.

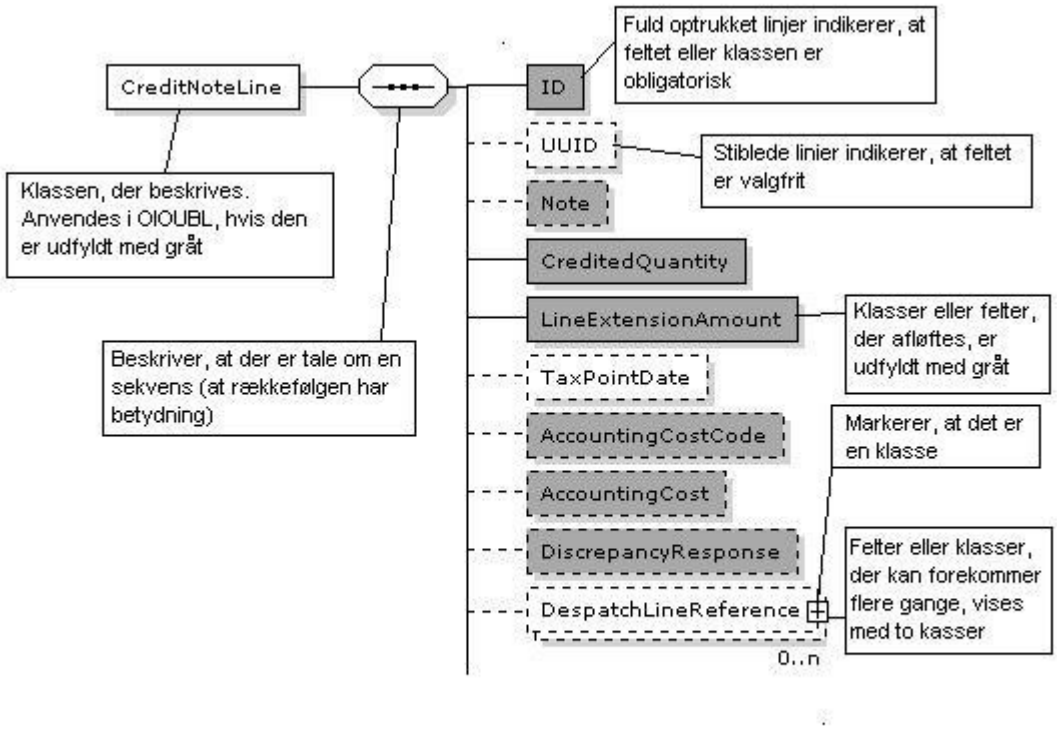
1.1 Structure of this document

This document should be seen as the normative description of an invoice. In case of any conflict, the most specific description will always apply. For example, the description on the lines of a specific element takes precedence of the description at document level. Hence, the descriptions at document level are default values for the lines. The examples in this document and related common guidelines should be seen as descriptive. The guideline text takes precedence of the figures.
The document includes a reading instruction, a description of how to fill in document instances, as well as the actual class specification. The actual specification is composed of:

- A figure showing the class elements that are included in OIOUBL.
- A text specification of the class.
- A list of the UBL elements that from a business perspective make no sense in the specific context.
- A list of the fields that are included in the class.
- A list of the sub-classes that are included in the class.
- A table of key data such as definitions, names, references, and business rules for each of the class fields.
- A table of key data such as definitions, names, references, and business rules for the sub-classes of the class.
- For each of the sub-classes that is used differently that described in the class library, OIOUBL_GUIDE_LIBRARY (ref 30), a subsection contains a corresponding specification. Hence, the sub-classes that have been included in the specification are not selected based on relevance, but solely based on whether they deviate from the general definition of the library.

1.2 Figure definitions

In the class specifications, the class is shown as schema documentation.



1.3 Term definitions

In this specification, the following terms will be used in the tables:

Term	***Explanation***
UBL name	The name that is found in the UBL 2.0 schemas
DK-name	The name in Danish
Use	Describes the cardinality, i.e. the rule describing how may instances of the business information entity are allowed: [1] specifies that one and only one instance is allowed. [0..1] means that the business information entity is optional. [0..n] means that null to infinity instances may occur. [1..n] means that no less than one instance to an infinite number of instances may occur.
Alternative term	Specifies a term which is also used to describe the business information entity.
Used	Determines whether the receiver should be expected to be able to decode the described business information, if it is attached. Information that is not used may still, however, be used upon bilateral agreement.
Business rule	Describes the rules that are attached to the business information entity. Business rules are normative, and will be part of the validation of the document in question.
Recommended	Specifies that common practice requires the described business information entity to be attached. This is a

	non-normative guide to the use of the business information entity.
Allowed values:	Describes the value set that the business information entity should conform with.
Codelist	Refers to the codelist that the value set should be found in.
Class	A structure of coherent business information.

1.4 References

In this docuement reference is made to other documents within the OIOUBL package.

Filnavn	Titel	Ref
OIOUBL_GUIDE_INTRO	Introduktion til OIOUBL Guidelines	G01
Documentguidelines		
OIOUBL_GUIDE_APPRESPONSE	UBL 2.0 ApplicationResponse	G02
OIOUBL_GUIDE_CATALOGUE	UBL 2.0 Catalogue	G03
OIOUBL_GUIDE_CATALOGUEREQUREST	UBL 2.0 CatalogueRequest	G04
OIOUBL_GUIDE_CATALOGUEDELETION	UBL 2.0 CatalogueDeletion	G05
OIOUBL_GUIDE_CATALOGUEITEMSPECIFICATIONUPDATE	UBL 2.0 CatalogueItemSpecificationUpdate	G06
OIOUBL_GUIDE_CATALOGUEPRICINGUPDATE	UBL 2.0 CataloguePricingUpdate	G07
OIOUBL_GUIDE_ORDER	UBL 2.0 Order	G08
OIOUBL_GUIDE_ORDERRESPONSE	UBL 2.0 OrderResponse	G09
OIOUBL_GUIDE_ORDRERESPONSESIMPLE	UBL 2.0 OrdreResponseSimple	G10
OIOUBL_GUIDE_ORDERCHANGE	UBL 2.0 OrderChange	G11
OIOUBL_GUIDE_ORDERCANCELLATION	UBL 2.0 Ordercancellation	G12
OIOUBL_GUIDE_CREDITNOTE	UBL 2.0 CreditNote	G13
OIOUBL_GUIDE_REMINDER	UBL 2.0 Reminder	G14
OIOUBL_GUIDE_STATEMENT	UBL 2.0 Statement	G15
OIOUBL_GUIDE_INVOICE	UBL 2.0 Invoice	G16
Common guidelines		
OIOUBL_GUIDE_ALLOWANCECHARGE	UBL 2.0 AllowanceCharge	G17
OIOUBL_GUIDE_CURRENCYEXCHANGERATES	UBL 2.0 CurrencyExchangeRates	G18
OIOUBL_GUIDE_DELIVERY	UBL 2.0 Delivery and Delivery Party	G19
OIOUBL_GUIDE_DELIVERYTERMS	OIOUBL Leveringsbetingelser - UBL 2.0 Delivery Terms	G20
OIOUBL_GUIDE_DOCUMENTREF	OIOUBL Dokumentreference - UBL 2.0 Document Reference	G21
OIOUBL_GUIDE_ENDPOINTS	OIOUBL EndepunktID - UBL 2.0 Endpoints	G22
OIOUBL_GUIDE_PARTY	OIOUBL Part - UBL 2.0 Party	G23
OIOUBL_GUIDE_BETALING	OIOUBL Betalingsmåder og betingelser - UBL 2.0 Payment means og payment terms	G24
OIOUBL_GUIDE_PRISER	OIOUBL Priser - UBL 2.0 Prices	G25
OIOUBL_GUIDE_PROFILER	OIOUBL Profiler - UBL 2.0 Profiles	G26
OIOUBL_GUIDE_SKAT	OIOUBL Skat - UBL 2.0 Tax	G27
OIOUBL_GUIDE_TOTALER	OIOUBL Totaler - UBL 2.0 Totals	G28
OIOUBL_GUIDE_DATATYPER	OIOUBL Datatyper - UBL 2.0 Datatypes	G29
OIOUBL_GUIDE_BIBLIOTEK	OIOUBL Fælles klassebibliotek - UBL 2.0 CommonLibrary	G30
OIOUBL_GUIDE_SIGNATUR	OIOUBL Signatur - UBL 2.0 Signature	G31
OIOUBL_GUIDE_UUID	OIOUBL UUID - UBL 2.0 UUID	G32
OIOUBL_GUIDE_UDVIDELSER	OIOUBL Udvidelse - UBL 2.0 Extension	G33

OIOUBL_GUIDE_KONTAKT	OIOUBL Kontakt - UBL 2.0 Contact	G34
OIOUBL_GUIDE_RESPONS	OIOUBL Bekræftelse - UBL 2.0 Respons	G35
OIOUBL_GUIDE_ADRESSER	OIOUBL Adresser - UBL 2.0 Adress	G36
Katalogspecifikke tværgående guidelines		
OIOUBL_GUIDE_KATALOG_ID	OIOUBL Identifikation, versionering og gyldighedsperioder i kataloger	G37
OIOUBL_GUIDE_KATALOG_VAREBESKRIV	OIOUBL Varebeskrivelser og kategorisering i kataloger	G38
OIOUBL_GUIDE_KATALOG_PARTER	OIOUBL Parter i kataloger	G39
OIOUBL_GUIDE_KATALOG_PRISER	OIOUBL Pris og mængde i kataloger	G40
Scenarie pakker		
OIOUBL_SCENARIE_INTRO	Introduction to OIOUBL Procurement Scenarios	S01
OIOUBL_SCENARIE_ADVORD	OIOUBL ADVORD - Advanced Ordering Proucrement Cycle	S02
OIOUBL_SCENARIE_BASPRO	OIOUBL BASPRO - Basic procurement Cycle	S03
OIOUBL_SCENARIE_CATEXE	OIOUBL CATEXE - Catalogue Exchange	S04
OIOUBL_SCENARIE_COMDEL	OIOUBL COMDEL - Complex Delivery Procurement Cycle	S05
OIOUBL_SCENARIE_COMORG	OIOUBL COMORG - Complex Organisations Procurement Cycle	S06
OIOUBL_SCENARIE_COMPAY	OIOUBL COMPAY - Comlex Payment Cycle	S07

2. How to fill in OIOUBL document instances

An Invoice must follow the related UBL schema, and conform to the rules of this guideline. The instances follow the W3C XML specifications, which means that, unless otherwise stated, the normal XML rules rules apply. It is therefore recommended that an xml encoder is used for reading the documents.

2.1 Namespace

A Namespace is a semantic space in which names are unique and attached to a specific interpretation. Namespaces often occur as libraries, and may be referenced via an alias-variable. The expression:
<… xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2" …>
means that elements with the prefix “cac” (alias variable) belongs to the ”… CommomAggregateComponents-2” namespace. The namespace that is referenced by the actual document is indicated by ”xmlns =...”, `i.e. without an alias variable. It is recommended to use the alias variables that are specified in UBL, but this is not a requirement. For an OIOUBL document instance to be validated the following namespaces must be specified:`

Alias variable	Namespace
	`urn:oasis:names:specification:ubl:schema:xsd:Invoice-2`
`cac`	`urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2`
`ccts`	`urn:oasis:names:specification:ubl:schema:xsd:CoreComponentParameters-2`
`cbc`	`urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2`
`sdt`	`urn:oasis:names:specification:ubl:schema:xsd:SpecializedDatatypes-2`
`udt`	`urn:un:unece:uncefact:data:specification:UnqualifiedDataTypesSchemaModule:2`
`ext`	`urn:oasis:names:specification:ubl:schema:xsd:CommonExtensionComponents-2`
`xsi`	`http://www.w3.org/2001/XMLSchema-instance`

2.2 Comments

Comments may be used in document instances to facilitate any manual processing of the document. This is particularly relevant during the introduction phase of new systems that use OIOUBL. For those who wish to formalize these comments, we recommend the Dublin-Core metadata definitions, see ”

http://dublincore.org/documents/dcmi-terms/ ". The following terms are used in the examples of the scenario descriptions [S01-S07] :

DC-Term	Description	Example
Title	Describes the title of the document instance	BASPRO_01_01_00_Invoice_v2p0.xml
Replaces	Reference to the preceding instance	BASPRO_01_01_00_Invoice_v0p1.xml
Publisher	Describes who is responsible for the document instance.	"IT og Telestyrelsen"
Creator	Describes the person or the system that created the instance.	"OIOERP v 1.0.2 release 34"
Created	Date (and possibly time) of the creation of the document.	2006-09-08
Modified	Date (and possibly time) when the document was last modified.	2006-09-08
Issued	Date (and possibly time) when it was issued.	2006-09-08
ConformsTo	Description of the context that it belongs to.	OIOUBL_ScenarioPackage_BASPRO
Description	General description	"This document is produced as part of the OIOUBL Basic procurement scenario package"
Rights	Any copyrights that apply to the instance.	"It can be used following the Common Creative License"

Only use meta data that you consider applicable, and only enter valid data. From the above list we particularly recommend using the "Creator" term, as this may ease the troubleshooting at the receiver's system. Comments should be specified within the root element of the document.

2.3 Process instructions

Process instructions are instructions that are not covered by the OIOUBL standard, but which may be used for controlling other logics. For example, when specifying that an instance is used for test purposes. A process instruction is specified by "  " and may contain attributes as shown in the example below. Process instructions should be specified within the root element of the document.

```
<?TestInstance
   ResponseTo="smtp:test@company.dk"
   description= "apply your comment here"
?>
```

2.4 Relations to instances of other customizations

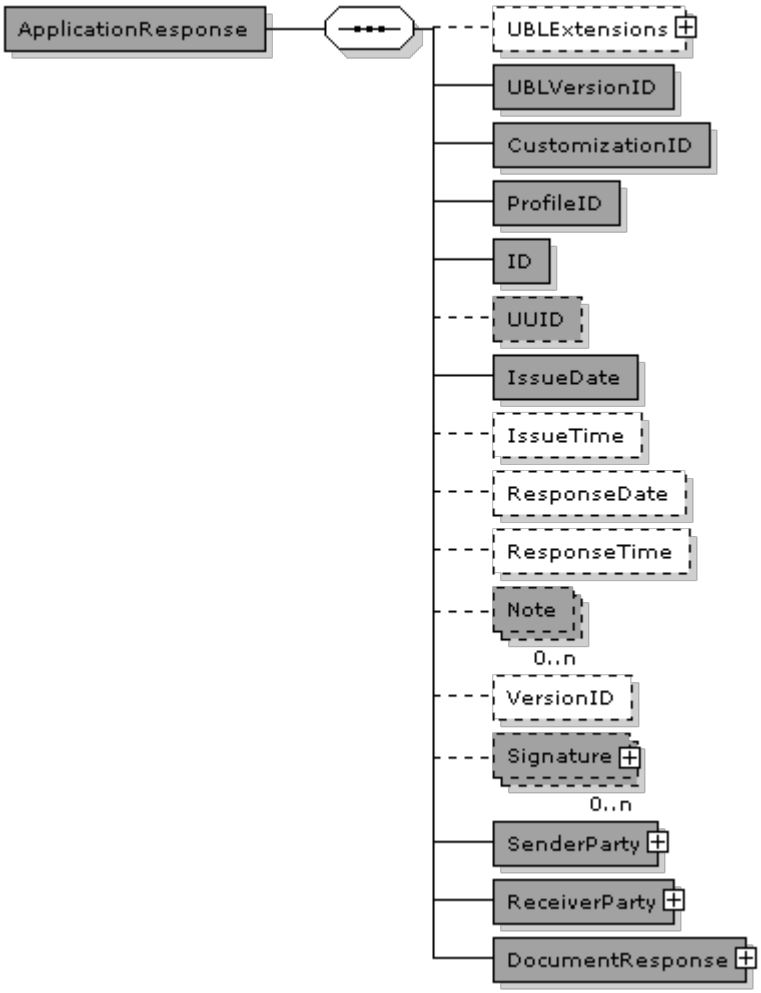
An instance is specified as being OIOUBL by entering "CustomizationID" as "OIOUBL-2.0". OIOUBL instances are built upon UBL 2.0, and may therefore be interpreted directly by UBL 2.0 readers. Instances from other UBL 2.0-customizations can be read directly by OIOUBL readers by changing the "CustomizationID", provided the instance conforms to the requirements of this guideline.

2.5 Code example

Code examples are available in the scenario descriptions [S01-S07]

3. ApplicationResponse

3.1. ApplicationResponse



ApplicationResponse specification

Name	ApplicationResponse	**Alternative term**	Reference to OIOUBL Guideline Packages Description, ApplicationResponse
Definition	OIOUBL ApplicationResponse is a document for the exchange of electronic receipts for processing electronic OIOUBL documents. The document is used for business receipts as well as technical receipts. ApplicationResponse is exchanged between SenderParty and ReceiverParty. See also [G23] for a more detailed description of parties. Applicationresponse is structured to meet the formal demands to a valid receipt for processing an electronical OIOUBL document. Applicationresponse must contain EndPointID and a personal reference for the receiver, a reference to the related document and a response code. It also has to meet the demands in this document guideline. EndPointID is used to identify the "electronic mailbox" where the electronic document is to be delivered and also provides the basis for routing the message. PersonReference is used to identify the person responsible for procesing the received electronic document. Documentreference is used to identify the document related to ApplicationResponse. ResponseCode is used for indicating the kind of receipt issued. Please read more about the use of ApplicationResponse in [G35].		
See also	Reference to OIOUBL Guideline Packages Description, ApplicationResponse (Ref)		

Example

```
<ApplicationResponse>
 <cbc:UBLVersionID>2.0</cbc:UBLVersionID>
 <cbc:CustomizationID>OIOUBL-2.01</cbc:CustomizationID>
 <cbc:ProfileID schemeAgencyID="320" schemeID="urn:oioubl:id:profileid-1.1">Catalogue-CatAdv-
1.0</cbc:ProfileID>
 <cbc:ID>2345</cbc:ID>
 <cbc:IssueDate>2006-04-28</cbc:IssueDate>
 <cbc:IssueTime>12:00:00</cbc:IssueTime>
 <cbc:Note languageID="en-us">Accepting the requsest, a Catalogue will follow in two
days</cbc:Note>
 + <cac:SenderParty />
 + <cac:ReceiverParty />
 + <cac:DocumentResponse />
</ApplicationResponse>
```

Fields

UBL-Name	Name	Datatype	Usage	Cardinality
UBLVersionID	UBLVersionID	Identifier	Yes	1
CustomizationID	CustomizationID	Identifier	Yes	1
ProfileID	ProfileID	Identifier	Yes	1
ID	ID	Identifier	Yes	1
UUID	UUID	Identifier	Yes	0..1
IssueDate	IssueDate	Date	Yes	1
IssueTime	IssueTime	Time	Bilateral	0..1
ResponseDate	ResponseDate	Date	Bilateral	0..1
ResponseTime	ResponseTime	Time	Bilateral	0..1
Note	Note	Text	Yes	0..n
VersionID	VersionID	Identifier	Bilateral	0..1

Subclasses in class ApplicationResponse

UBL-Name	Name	Usage	Cardinality	Reference
UBLExtensions	UBLExtensions	Bilateral	0..1	G22
Signature	Signature	Yes	0..n	G30 3.96
SenderParty	SenderParty	Yes	1	3.1
ReceiverParty	ReceiverParty	Yes	1	3.2
DocumentResponse	DocumentResponse	Yes	1	3.3

Field specifications

UBLVersionID

Fieldname	UBLVersionID	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	The version of the UBL schema being used.		
Legal values	2.0		
Example	2.0		

CustomizationID

Fieldname	CustomizationID	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	The identifier for a user defined subset of UBL.		
Legal values	OIOUBL-2.01		
Example	OIOUBL-2.01		

ProfileID

Fieldname	ProfileID	**Alternative term**	OIOUBL_GUIDE_PROFILES
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	The identifier for a user defined profile of the subset of UBL being used.		
Id list	urn:oioubl:id:profiles-1.1		
See also	OIOUBL_GUIDE_PROFILES (OIO)		
Example	Procurement-OrdAdvR-BilSimR-1.0		

ID

Fieldname	ID	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	An identifier for the Application Response assigned by the sender		

UUID

Fieldname	UUID	**Alternative term**	OIOUBL_GUIDE_UUID
Cardinality	0..1	**Usage**	Yes
Datatype	Identifier		
Definition	A computer-generated universally unique identifier (UUID) for the Application Response instance.		
See also	OIOUBL_GUIDE_UUID (G32)		

IssueDate

Fieldname	IssueDate	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Date		
Definition	The date assigned by the sender's application at which the Application Response was created		

IssueTime

Fieldname	IssueTime	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Time		
Definition	The time assigned by the sender's application at which the Application Response was created		

ResponseDate

Fieldname	ResponseDate	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Date		
Definition	The date at which the information in the response was created		

ResponseTime

Fieldname	ResponseTime	Alternative term	
Cardinality	0..1	Usage	Bilateral
Datatype	Time		
Definition	The time at which the information in the response was created		

Note

Fieldname	Note	Alternative term	
Cardinality	0..n	Usage	Yes
Datatype	Text		
Definition	Free form text applying to the Application Response. This element may contain notes or any other similar information that is not contained explicitly in another structure.		
Recommendation	Only one language allowed		

VersionID

Fieldname	VersionID	Alternative term	
Cardinality	0..1	Usage	Bilateral
Datatype	Identifier		
Definition	Identifies the current version of this document		

Class Specification

Signature

Classname	Signature	Alternative term	OIOUBL_GUIDE_SIGNATURE
Cardinality	0..n	Usage	Yes
Datatype	Signature		
Definition	One or more signatures applied to the document		
See section	G30 3.96		
See also	OIOUBL_GUIDE_SIGNATURE (OIO)		

SenderParty

Classname	SenderParty	Alternative term	OIOUBL_GUIDE_PARTIES
Cardinality	1	Usage	Yes
Datatype	Party		
Definition	An association to the Party sending this document.		
See section	3.1		
See also	OIOUBL_GUIDE_PARTIES (OIO)		

ReceiverParty

Classname	ReceiverParty	Alternative term	OIOUBL_GUIDE_PARTIES
Cardinality	1	Usage	Yes
Datatype	Party		
Definition	An association to the Party receiving this document.		
See section	3.2		
See also	OIOUBL_GUIDE_PARTIES (OIO)		

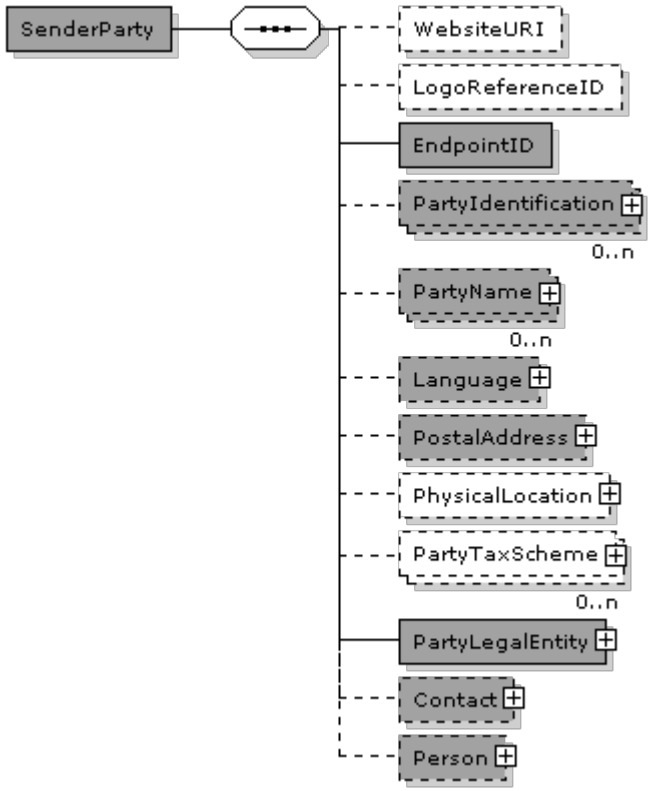
DocumentResponse

Classname	DocumentResponse	Alternative term	
Cardinality	1	Usage	Yes
Datatype	DocumentResponse		
Definition	A response to a document		
See section	3.3		

Excluded classes and fields in ApplicationResponse

None

3.1. ApplicationResponse.SenderParty



SenderParty (ApplicationResponse.SenderParty) specification

Name	ApplicationResponse.SenderParty	**Alternative term**	OIOUBL_GUIDE_PARTIES
Definition	Information about an organisation, sub-organisation or individual fulfilling a role in a business process		
See also	OIOUBL_GUIDE_PARTIES (OIO)		

Example

```
<cac:SenderParty>
 <cbc:EndpointID schemeID="DK:CVR">DK45656787</cbc:EndpointID>
 + <cac:PartyIdentification />
 + <cac:PartyName />
 + <cac:PostalAddress />
</cac:SenderParty>
```

Fields

UBL-Name	Name	Datatype	Usage	Cardinality
WebsiteURI	WebsiteURI	Identifier	Bilateral	0..1
LogoReferenceID	LogoReferenceID	Identifier	Bilateral	0..1
EndpointID	EndpointID	Identifier	Yes	1

Subclasses in class SenderParty (ApplicationResponse.SenderParty)

UBL-Name	Name	Usage	Cardinality	Reference
PartyIdentification	PartyIdentification	Yes	0..n	G30 3.71
PartyName	PartyName	Yes	0..n	G30 3.73
Language	Language	Yes	0..1	G30 3.56
PostalAddress	PostalAddress	Yes	0..1	G30 3.1
PhysicalLocation	PhysicalLocation	Bilateral	0..1	G30 3.60
PartyTaxScheme	PartyTaxScheme	Bilateral	0..n	G30 3.74
PartyLegalEntity	PartyLegalEntity	Yes	1	G30 3.72
Contact	Contact	Yes	0..1	G30 3.21
Person	Person	Yes	0..1	G30 3.79

Field specifications

WebsiteURI

Fieldname	WebsiteURI	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Identifier		
Definition	The Uniform Resource Identifier (URI) of the Party		

LogoReferenceID

Fieldname	LogoReferenceID	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Identifier		
Definition	A Party's logo		

EndpointID

Fieldname	EndpointID	**Alternative term**	OIOUBL_GUIDE_ENDPOINT
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	Identifies the end point of the routing service, e.g. EAN Location Number, GLN		
Id schemelist	urn:oioubl:scheme:endpointid-1.1		
See also	OIOUBL_GUIDE_ENDPOINT (OIO)		

Class Specification

PartyIdentification

Classname	PartyIdentification	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	PartyIdentification		
Definition	An association to Party Identification		
See section	G30 3.71		

PartyName

Classname	PartyName	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	PartyName		
Definition	An association to Party Name. Party Name must be used where no Party Identification is used.		
See section	G30 3.73		

Language

Classname	Language	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Language		
Definition	An association to Language		
See section	G30 3.56		

PostalAddress

Classname	PostalAddress	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Address		
Definition	The Party's postal address		
Recommendation	The Address should be specified on header level and must be of the type StructuredDK.		
See section	G30 3.1		

PhysicalLocation

Classname	PhysicalLocation	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Location		
Definition	The Party's visiting address		
Recommendation	Only if different from PostalAddress		
See section	G30 3.60		

PartyTaxScheme

Classname	PartyTaxScheme	**Alternative term**	OIOUBL_GUIDE_TAX
Cardinality	0..n	**Usage**	Bilateral
Datatype	PartyTaxScheme		
Definition	An association to Party Tax Scheme		
See section	G30 3.74		
See also	OIOUBL_GUIDE_TAX (OIO)		

PartyLegalEntity

Classname	PartyLegalEntity	**Alternative term**	OIOUBL_GUIDE_TAX
Cardinality	1	**Usage**	Yes
Datatype	PartyLegalEntity		
Definition	An association to Party Legal Entity		
See section	G30 3.72		
See also	OIOUBL_GUIDE_TAX (OIO)		

Contact

Classname	Contact	**Alternative term**	OIOUBL_GUIDE_CONTACT
Cardinality	0..1	**Usage**	Yes
Datatype	Contact		
Definition	An association to Contact		
See section	G30 3.21		
See also	OIOUBL_GUIDE_CONTACT (G23)		

Person

Classname	Person	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Person		
Definition	An association to a Person.		
See section	G30 3.79		

Excluded classes and fields in SenderParty (ApplicationResponse.SenderParty)

Name	Name	Type
MarkCareIndicator	MarkCareIndicator	Field
MarkAttentionIndicator	MarkAttentionIndicator	Field
AgentParty	AgentParty	Class

3.2. ApplicationResponse.ReceiverParty

ReceiverParty (ApplicationResponse.ReceiverParty) specification

Name	ApplicationResponse.ReceiverParty	**Alternative term**	OIOUBL_GUIDE_PARTIES
Definition	Information about an organisation, sub-organisation or individual fulfilling a role in a business process		
See also	OIOUBL_GUIDE_PARTIES (OIO)		

Example

```
<cac:ReceiverParty>
 <cbc:EndpointID schemeAgencyID="9" schemeID="GLN">5798000416604</cbc:EndpointID>
 + <cac:PartyIdentification />
 + <cac:PartyName />
 + <cac:PostalAddress />
</cac:ReceiverParty>
```

Fields

UBL-Name	Name	Datatype	Usage	Cardinality
WebsiteURI	WebsiteURI	Identifier	Bilateral	0..1
LogoReferenceID	LogoReferenceID	Identifier	Bilateral	0..1
EndpointID	EndpointID	Identifier	Yes	1

Subclasses in class ReceiverParty (ApplicationResponse.ReceiverParty)

UBL-Name	Name	Usage	Cardinality	Reference
PartyIdentification	PartyIdentification	Yes	0..n	G30 3.71
PartyName	PartyName	Yes	0..n	G30 3.73
Language	Language	Yes	0..1	G30 3.56
PostalAddress	PostalAddress	Yes	0..1	G30 3.1
PhysicalLocation	PhysicalLocation	Bilateral	0..1	G30 3.60
PartyTaxScheme	PartyTaxScheme	Bilateral	0..n	G30 3.74
PartyLegalEntity	PartyLegalEntity	Yes	1	G30 3.72
Contact	Contact	Yes	0..1	G30 3.21
Person	Person	Yes	0..1	G30 3.79

Field specifications

WebsiteURI

Fieldname	WebsiteURI	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Identifier		
Definition	The Uniform Resource Identifier (URI) of the Party		

LogoReferenceID

Fieldname	LogoReferenceID	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Identifier		
Definition	A Party's logo		

EndpointID

Fieldname	EndpointID	**Alternative term**	OIOUBL_GUIDE_ENDPOINT
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	Identifies the end point of the routing service, e.g. EAN Location Number, GLN		
Id schemelist	urn:oioubl:scheme:endpointid-1.1		
See also	OIOUBL_GUIDE_ENDPOINT (OIO)		

Class Specification

PartyIdentification

Classname	PartyIdentification	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	PartyIdentification		
Definition	An association to Party Identification		
See section	G30 3.71		

PartyName

Classname	PartyName	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	PartyName		
Definition	An association to Party Name. Party Name must be used where no Party Identification is used.		
See section	G30 3.73		

Language

Classname	Language	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Language		
Definition	An association to Language		
See section	G30 3.56		

PostalAddress

Classname	PostalAddress	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Address		
Definition	The Party's postal address		
Recommendation	The Address should be specified on header level and must be of the type StructuredDK.		
See section	G30 3.1		

PhysicalLocation

Classname	PhysicalLocation	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Location		
Definition	The Party's visiting address		
Recommendation	Only if different from PostalAddress		
See section	G30 3.60		

PartyTaxScheme

Classname	PartyTaxScheme	**Alternative term**	OIOUBL_GUIDE_TAX
Cardinality	0..n	**Usage**	Bilateral
Datatype	PartyTaxScheme		
Definition	An association to Party Tax Scheme		
See section	G30 3.74		
See also	OIOUBL_GUIDE_TAX (OIO)		

PartyLegalEntity

Classname	PartyLegalEntity	**Alternative term**	OIOUBL_GUIDE_TAX
Cardinality	1	**Usage**	Yes
Datatype	PartyLegalEntity		
Definition	An association to Party Legal Entity		
See section	G30 3.72		
See also	OIOUBL_GUIDE_TAX (OIO)		

Contact

Classname	Contact	**Alternative term**	OIOUBL_GUIDE_CONTACT
Cardinality	0..1	**Usage**	Yes
Datatype	Contact		
Definition	An association to Contact		
See section	G30 3.21		
See also	OIOUBL_GUIDE_CONTACT (G23)		

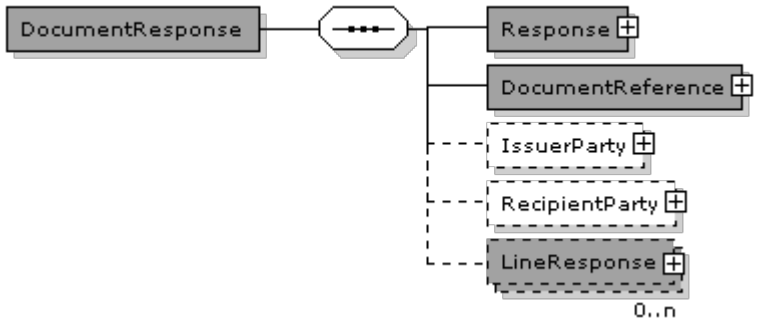
Person

Classname	Person	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Person		
Definition	An association to a Person.		
See section	G30 3.79		

Excluded classes and fields in ReceiverParty (ApplicationResponse.ReceiverParty)

Name	Name	Type
MarkCareIndicator	MarkCareIndicator	Field
MarkAttentionIndicator	MarkAttentionIndicator	Field
AgentParty	AgentParty	Class

3.3. ApplicationResponse.DocumentResponse



DocumentResponse (ApplicationResponse.DocumentResponse) specification

Name	ApplicationResponse.DocumentResponse	**Alternative term**	
Definition	Information about response to a document (on application level)		

Example

```
<cac:DocumentResponse>
 + <cac:Response />
 + <cac:DocumentReference />
</cac:DocumentResponse>
```

Fields

None

Subclasses in class DocumentResponse (ApplicationResponse.DocumentResponse)

UBL-Name	Name	Usage	Cardinality	Reference
Response	Response	Yes	1	3.3.1
DocumentReference	DocumentReference	Yes	1	3.3.2
IssuerParty	IssuerParty	Bilateral	0..1	G30 3.70
RecipientParty	RecipientParty	Bilateral	0..1	G30 3.70
LineResponse	LineResponse	Yes	0..n	3.3.3

Class Specification

Response

Classname	Response	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Response		
Definition	The response to the received document		
See section	3.3.1		

DocumentReference

Classname	DocumentReference	**Alternative term**	OIOUBL_GUIDE_DOCUMENTREF
Cardinality	1	**Usage**	Yes
Datatype	DocumentReference		
Definition	Attaches the line to a document		
See section	3.3.2		
See also	OIOUBL_GUIDE_DOCUMENTREF (OIO)		

IssuerParty

Classname	IssuerParty	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Party		
Definition	The party who issued the document		
Recommendation	IssuerParty only need to be used if it differs from the ReceiverParty		
See section	G30 3.70		

RecipientParty

Classname	RecipientParty	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Party		
Definition	The party who is the intended recipient of the document		
Recommendation	RecipientParty only need to be used if it differs from the SenderParty		
See section	G30 3.70		

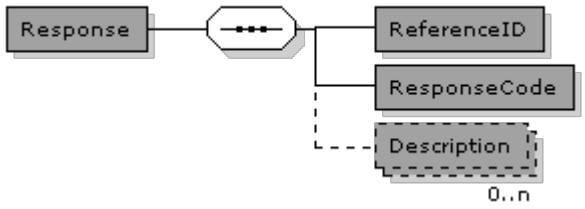
LineResponse

Classname	LineResponse	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	LineResponse		
Definition	Response to the received document in several lines		
See section	3.3.3		

Excluded classes and fields in DocumentResponse (ApplicationResponse.DocumentResponse)

None

3.3.1. ApplicationResponse.DocumentResponse.Response



Response (ApplicationResponse.DocumentResponse.Response) specification

Name	ApplicationResponse.DocumentResponse.Response	Alternative term	
Definition	Information about response to a document (on application level)		

Example

```
<cac:Response>
 <cbc:ReferenceID>1</cbc:ReferenceID>
 <cbc:ResponseCode listAgencyID="320" listID="urn:oioubl:codelist:responsecode-
1.1">BusinessAccept</cbc:ResponseCode>
 <cbc:Description languageID="en-us">The code BusinessAccept means that the document was accepted
by the Receiver</cbc:Description>
</cac:Response>
```

Fields

UBL-Name	Name	Datatype	Usage	Cardinality
ReferenceID	ReferenceID	Identifier	Yes	1
ResponseCode	ResponseCode	Code	Yes	1
Description	Description	Text	Yes	0..n

Subclasses in class Response (ApplicationResponse.DocumentResponse.Response)

None

Field specifications

ReferenceID

Fieldname	ReferenceID	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	A reference specifying which part (or which line) of the document the response applies to		
Recommendation	Reference number 1, 2 3 etc.		

ResponseCode

Fieldname	ResponseCode	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Code		
Definition	A code for the description of the response to the trading document		
Businessrules	The following docuents can only be accepted or rejected as a whole: ApplicationResponse, CataloqueDeletion, CreditNote, Invoice, Order, OrderCancellation, OrderChange, OrderResponse, OrderResponseSimple, Reminder, Statement		
Recommendation	This ResponseCode is default for all line responses. If the document is not semantic or syntax valid it has to be rejected as technical reasons. If the receiver can't receive the document regarding the ProfileID, it has to be rejected as profile reasons. If the receiver can't accept the document regarding business rules it has to be rejected as business reasons. If the sender sends the document with a response "R" profile it has to be accepted as business reasons.		
Codelist	urn:oioubl:codelist:responsecode-1.1		

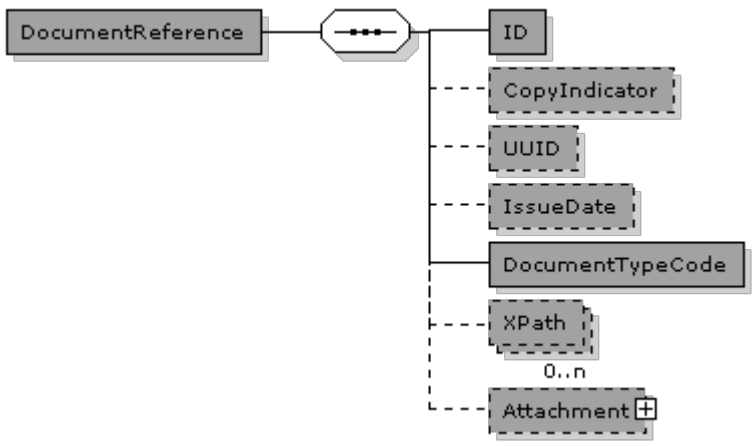
Description

Fieldname	Description	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	Text		
Definition	The description of the response to the trading document		
Businessrules	Only one per language		

Excluded classes and fields in Response (ApplicationResponse.DocumentResponse.Response)

None

3.3.2. ApplicationResponse.DocumentResponse.DocumentReference



DocumentReference (ApplicationResponse.DocumentResponse.DocumentReference) specification

Name	ApplicationResponse.DocumentResponse.DocumentReference	Alternative term	
Definition	Information about a Document referred to in another Document		

Example

```
<cac:DocumentReference>
 <cbc:ID>1234</cbc:ID>
 <cbc:CopyIndicator>false</cbc:CopyIndicator>
 <cbc:UUID>9756b4d0-8815-1029-857a-e388fe63f399</cbc:UUID>
 <cbc:IssueDate>2006-04-30</cbc:IssueDate>
 <cbc:DocumentTypeCode listAgencyID="320" listID="urn:oioubl:codelist:responsedocumenttypecode-
1.1">Cataloque</cbc:DocumentTypeCode>
</cac:DocumentReference>
```

Fields

UBL-Name	Name	Datatype	Usage	Cardinality
ID	ID	Identifier	Yes	1
CopyIndicator	CopyIndicator	Indicator	Yes	0..1
UUID	UUID	Identifier	Yes	0..1
IssueDate	IssueDate	Date	Yes	0..1
DocumentTypeCode	DocumentTypeCode	Code	Yes	1
XPath	XPath	Text	Yes	0..n

Subclasses in class DocumentReference (ApplicationResponse.DocumentResponse.DocumentReference)

UBL-Name	Name	Usage	Cardinality	Reference
Attachment	Attachment	Yes	0..1	G30 3.5

Field specifications

ID

Fieldname	ID	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	The identifier for the Document being referred to		
Example	Invoice Number eller Order Number		

CopyIndicator

Fieldname	CopyIndicator	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Indicator		
Definition	Indicates whether the referenced Document is a copy (true) or the original (false)		

UUID

Fieldname	UUID	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Identifier		
Definition	A computer-generated universally unique identifier (UUID) for the referenced Document instance		

IssueDate

Fieldname	IssueDate	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Date		
Definition	The date assigned by the sender of the referenced Document on which the referenced Document was issued		
Recommendation	Should be filled out if possible		

DocumentTypeCode

Fieldname	DocumentTypeCode	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Code		
Definition	The document type expressed as a code		
Codelist	urn:oioubl:codelist:responsedocumenttypecode-1.1		
Example	Invoice		

XPath

Fieldname	XPath	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	Text		
Definition	Refers to another part of the same document instance		

Class Specification

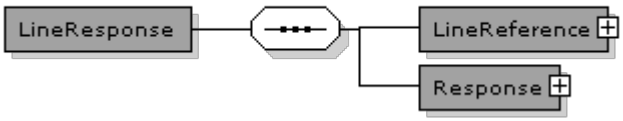
Attachment

Classname	Attachment	**Alternative term**	
Cardinality	0..1	**Usage**	Yes
Datatype	Attachment		
Definition	An attached document, external refered to, referred in the MIME location or embedded.		
See section	G30 3.5		

Excluded classes and fields in DocumentReference (ApplicationResponse.DocumentResponse.DocumentReference)

Name	Name	Type
DocumentType	DocumentType	Field

3.3.3. ApplicationResponse.DocumentResponse.LineResponse



LineResponse (ApplicationResponse.DocumentResponse.LineResponse) specification

Name	ApplicationResponse.DocumentResponse.LineResponse	**Alternative term**	
Definition	Reference to a line in a document		
Businessrules	The folowing documents can be accepted on linelevel: Cataloque, CataloqueItemSpecificationUpdate, CataloquePricingUpdate, CataloqueRequest		

Fields

None

Subclasses in class LineResponse (ApplicationResponse.DocumentResponse.LineResponse)

UBL-Name	Name	Usage	Cardinality	Reference
LineReference	LineReference	Yes	1	3.3.3.1
Response	Response	Yes	1	3.3.3.2

Class Specification

LineReference

Classname	LineReference	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	LineReference		
Definition	An association to LineReference		
See section	3.3.3.1		

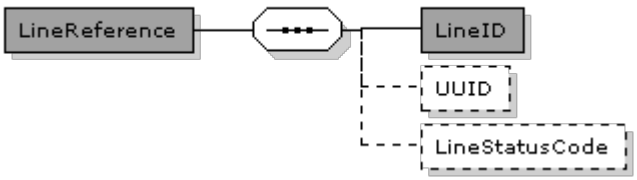
Response

Classname	Response	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Response		
Definition	An association to Response		
See section	3.3.3.2		

Excluded classes and fields in LineResponse (ApplicationResponse.DocumentResponse.LineResponse)

None

3.3.3.1. ApplicationResponse.DocumentResponse.LineResponse.LineReference



LineReference (ApplicationResponse.DocumentResponse.LineResponse.LineReference) specification

Name	ApplicationResponse.DocumentResponse.LineResponse.LineReference	**Alternative term**	
Definition	Reference to a line in a document		

Fields

UBL-Name	Name	Datatype	Usage	Cardinality
LineID	LineID	Identifier	Yes	1
UUID	UUID	Identifier	Bilateral	0..1
LineStatusCode	LineStatusCode	Code	Bilateral	0..1

Subclasses in class LineReference (ApplicationResponse.DocumentResponse.LineResponse.LineReference)

None

Field specifications

LineID

Fieldname	LineID	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	Identification for the Line in the reference document		

UUID

Fieldname	UUID	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Identifier		
Definition	A computer-generated universally unique identifier (UUID) for the referred Document line		

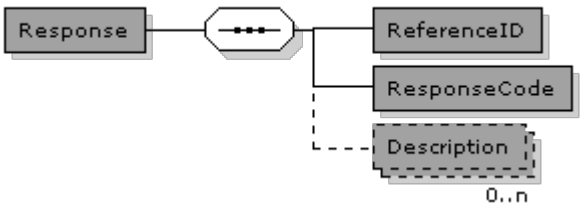
LineStatusCode

Fieldname	LineStatusCode	**Alternative term**	
Cardinality	0..1	**Usage**	Bilateral
Datatype	Code		
Definition	Specifies the status of the referred Line as related to it's original status		

Excluded classes and fields in LineReference (ApplicationResponse.DocumentResponse.LineResponse.LineReference)

Name	Name	Type
DocumentReference	DocumentReference	Class

3.3.3.2. ApplicationResponse.DocumentResponse.LineResponse.Response



Response (ApplicationResponse.DocumentResponse.LineResponse.Response) specification

Name	ApplicationResponse.DocumentResponse.LineResponse.Response	**Alternative term**	
Definition	Information about response to a document (on application level)		

Fields

UBL-Name	Name	Datatype	Usage	Cardinality
ReferenceID	ReferenceID	Identifier	Yes	1
ResponseCode	ResponseCode	Code	Yes	1
Description	Description	Text	Yes	0..n

Subclasses in class Response (ApplicationResponse.DocumentResponse.LineResponse.Response)

None

Field specifications

ReferenceID

Fieldname	ReferenceID	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Identifier		
Definition	A reference specifying which part (or which line) of the document the response applies to		

ResponseCode

Fieldname	ResponseCode	**Alternative term**	
Cardinality	1	**Usage**	Yes
Datatype	Code		
Definition	A code for the description of the response to the trading document		
Recommendation	This ResponseCode overrules the ResponseCode at document header level. If the document is not semantic or syntax valid it has to be rejected as technical reasons. If the receiver can't receive the document regarding the ProfileID, it has to be rejected as profile reasons. If the receiver can't accept the document regarding business rules it has to be rejected as business reasons. If the sender sends the document with a response "R" profile it has to be accepted as business reasons.		
Codelist	urn:oioubl:codelist:lineresponsecode-1.1		

Description

Fieldname	Description	**Alternative term**	
Cardinality	0..n	**Usage**	Yes
Datatype	Text		
Definition	The description of the response to the trading document		

Excluded classes and fields in Response (ApplicationResponse.DocumentResponse.LineResponse.Response)

None