

# **eXtensible Business Documents**

## **Order**

Version 1.0

Last updated, October 19<sup>th</sup> 2010

Version 1.0 – Original

# XBD order specification

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This document describes the format “XBD order” specified by Yggdra AS.

## Filename

The filename shall be: **Order x.xml** where x is the order number (orderId).

Only one order is allowed per file.

## General

Guidelines:

- *Encoding*: Use **ISO-8859-1** or **UTF-8**
- *Decimal delimiter shall be*: **A period**
- Empty elements can be omitted.
- *Date format* shall be: yyyy-mm-dd

The xml-file shall start with a processing instruction, declaring the xml-version and the encoding. Ex.: `<?xml version="1.0" encoding="ISO-8859-1"?">`

The root element shall be `<xbd:order version="1.0" xmlns:xbd="http://ns.yggdra.no/xbd/">`. The version number in this element corresponds to the version number of this document. The versions and the xbd namespace are managed by Yggdra AS.

You may visit [www.yggdra.no/xbd](http://www.yggdra.no/xbd) to check for updated documentation, example files or other document types.

## Structure

All direct child elements of the root element, except the line elements shall only occur ones.

```
<?xml version="1.0" encoding="ISO-8859-1"?">
<xbd:order version="1.0" xmlns:xbd="http://ns.yggdra.no/xbd/">
  <orderId>4774455787</orderId>
  ...
  ..
  .

  <line>
    <itemId>4554382</itemId>
    ...
    ..
  </line>
  <line>
    <itemId>4534534</itemId>
    ...
  </line>
</xbd:order>
```

See the example file for more details.

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## Simple Data types

Type	Description	Examples
<b>str</b>	Dynamic string of unlimited length.	<code>&lt;note&gt;This is a note...&lt;/note&gt;</code>
<b>str 2</b>	String with a maximum of 2 characters.	<code>&lt;unitCode&gt;EA&lt;/unitCode&gt;</code>
<b>date</b>	Any date. Format: yyyy-mm-dd	<code>&lt;deliveryDate&gt;2010-04-23&lt;/deliveryDate&gt;</code>
<b>number</b>	Any number. Use period as a decimal sign. Use a minus sign directly in front of the number to indicate a negative number. Do not use thousand separators.	<code>&lt;quantity&gt;9709.94&lt;/quantity&gt;</code> <code>&lt;quantity&gt;-9709.94&lt;/quantity&gt;</code> <code>&lt;quantity&gt;1&lt;/quantity&gt;</code> <code>&lt;quantity&gt;0.5&lt;/quantity&gt;</code>

## Complex data types

Type	Description	Examples
<b>organization</b>	An XML element which can contain the following elements: <ul style="list-style-type: none"><li>• vatNum</li><li>• gln</li><li>• name</li><li>• street</li><li>• zipCode</li><li>• city</li><li>• countryCode</li></ul>	<code>&lt;issuer&gt;</code> <code>&lt;vatNum&gt;NO538546587MVA&lt;/vatNum&gt;</code> <code>&lt;gln&gt;8003507990021&lt;/gln&gt;</code> <code>&lt;name&gt;Acme Co&lt;/name&gt;</code> <code>&lt;street&gt;Gata 4&lt;/street&gt;</code> <code>&lt;zipCode&gt;0624&lt;/zipCode&gt;</code> <code>&lt;city&gt;OSLO&lt;/city&gt;</code> <code>&lt;countryCode&gt;NO&lt;/countryCode&gt;</code> <code>&lt;/issuer&gt;</code>
<b>orderLine</b>	An XML element which can contain the following elements: <ul style="list-style-type: none"><li>• itemId</li><li>• description</li><li>• unitCode</li><li>• quantity</li><li>• unitPrice</li><li>• discountAmount</li><li>• discountPercent</li><li>• lineAmount</li><li>• note</li></ul>	<code>&lt;line&gt;</code> <code>&lt;itemId&gt;4554380&lt;/itemId&gt;</code> <code>&lt;description&gt;Oppvaskmaskin&lt;/description&gt;</code> <code>&lt;unitCode&gt;EA&lt;/unitCode&gt;</code> <code>&lt;quantity&gt;1&lt;/quantity&gt;</code> <code>&lt;unitPrice&gt;3323.40&lt;/unitPrice&gt;</code> <code>&lt;discountAmount/&gt;</code> <code>&lt;discountPercent /&gt;</code> <code>&lt;lineAmount&gt;3323.40&lt;/lineAmount&gt;</code> <code>&lt;note/&gt;</code> <code>&lt;/line&gt;</code>

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### **Field description**

Field	Type	Mandatory	Description
city	str 60	Yes	The name of the city. F. ex. OSLO
countryCode	str 2	Yes	Country code according to the ISO standard. F. ex. NO for Norway or DK for Denmark.
currencyCode	str 3	Yes	The currency code f. ex. NOK.
delivery	organization	Yes	Identifies the receiver of the goods.
deliveryDate	date	Yes	The date of the delivery.
deliveryRef	str 30	No	A reference to the receiver of the goods.
deliveryTermCode	str 3	No	The terms of delivery. F. ex. FOB, CIF or DDP.
description	str 30	Yes	A description of the packing slip line.
discountAmount	number	No	Used to specify discount as an amount per unit.
discountPercent	number	No	Used to specify discount in percent.
gln	str 13	Yes	The organizations Global Location Number
orderDate	date	Yes	The order date.
orderId	str 20	Yes	The order number.
issuer	organization	Yes	The issuer of the document.
itemId	str 20	Yes	Identification code of an item.
line	orderLine	Yes	A order line.
lineAmount	number	Yes	Line amount are calculated by multiplying the quantity with the unit price after discount.
name	str 30	Yes	The organizations name.
note	str	No	A note connected to a line or to the header.
quantity	number	Yes	The ordered quantity.
receiver	organization	Yes	Identifies the receiver of the document.
street	str 250	No	The street address of the organization.
sumLineAmount	number	Yes	A sum of all lineAmount fields.
unitCode	str 2	Yes	Unit code according to the DoD-standard. Use EA for each. PR for pair. MR for meter.
zipCode	str 10	Yes	The organizations zip code.