

The availability over UBL +PDF test files is one of the pillars, basic principles, of UBL Ready. It allows participants to test whether their UBL implementation is effective and interoperable.

Underneath are validated UBL reference files from over 30 participants. From simple invoices with a single line item, to invoices with several VAT percentages, multiple invoice lines, discounts and surcharges. Use them for your UBL implementation.

## Reference files from participants

Participant	Organisation type	Invoice type	Additional remarks
<a href="#">Ad Systems</a>	Vendor of sector specific accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">AFAS Software</a>	Supplier of accounting and ERP software	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	
<a href="#">Aristo Accommodaties</a>	Meeting, training and conference venues	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	With VAT included rates and multiple VAT rates.
<a href="#">Asperion</a>	Supplier of accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Astona</a>	Supplier software for the wholesale, industry and services sector	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	Discount at line and at invoice level, multiple VAT rates and ICT delivery.
<a href="#">Become-IT</a>	Supplier of business software and services for SME's	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Bluem</a>	Billing Service Provider e-invoicing, e-payments & e-mandates	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	
<a href="#">BPM Software</a>	Connecting systems	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	
<a href="#">BrickX Software</a>	Supplier of ERP software, with a focus on the wholesale industry	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Cash Software</a>	Supplier of accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Canon</a>	Supplier of document solutions	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">CoenFin Software</a>	Supplier of software tools (such as MT940)	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	

<a href="#">Comlogica</a>	Supplier of ERP software	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	Invoice discount and credit restriction by invoice surcharge
<a href="#">Easydata</a>	Converting PDF to UBL	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">e-Boekhouden</a>	Supplier of accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Ecobit</a>	Supplier of OCR solutions	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Enexis</a>	Energy supplier	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Exact Software</a>	Supplier of accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	Exact Online
<a href="#">Go2UBL</a>	Specialist in converting business documents to UBL	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">ICreative</a>	Finance-, procurement- and document solutions	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">King software</a>	Supplier of accounting software	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	
<a href="#">MUIS Software</a>	Supplier of accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">MSC Belgium</a>	Large shipping company	<a href="#">UBL 2.0</a> (E-FFF)   <a href="#">PDF</a> <a href="#">UBL 2.0</a> (E-FFF)   <a href="#">PDF</a>	Invoice with shipment extension based on UBL FreightInvoice. Credit note based on DocumentTypeCode 380
<a href="#">Reeleezee</a>	Supplier of accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Syntess</a>	Supplier of ERP software in the construction and installation sector	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Twinfield</a>	Supplier of accounting software	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	
<a href="#">Twinq VvE software</a>	Supplier of software for home owners associations	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">UNIT4</a>	Supplier of accounting software	<a href="#">UBL-2.0</a>   <a href="#">PDF</a>	Multivers
	Idem	<a href="#">UBL-2.0</a>   <a href="#">PDF</a>	FMS / FIS2000
<a href="#">Urios</a>	Software for the advocacy sector	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	
<a href="#">Visma</a> (AccountView)	Supplier of accounting software	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	

<a href="#">Vurbis Interactive</a>	One-stop specialist for online business activities	<a href="#">UBL 2.0</a>	
<a href="#">WeFact</a>	Online billing provider	<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	Invoice with discount.
		<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	Invoice with discount at line level and multiple VAT rates.
		<a href="#">UBL 2.0</a>   <a href="#">PDF</a>	Credit note.

## Foundational Reference files

Underneath are the reference files – in Dutch- that formed the foundation for the self-validation in UBL Ready:

Onderzoeksbureau GBNED	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	<b>FOR STARTERS: A VERY SIMPLE INVOICE</b> Reference invoice 20160001 with 1 VAT rate and a single invoice line.
	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	<b>Reference invoice</b> 20150102 with several different VAT rates, line- and, invoice discount and a surcharge at invoice level.
	<a href="#">UBL 2.1</a>   <a href="#">PDF</a>	<b>Credit Note</b> 20150103, fully based on reference invoice 20150102 above.
	<a href="#">UBL 2.0</a>   <a href="#">PDF</a> <a href="#">UBL 2.1</a> (idem)	<b>Simple example</b> (both UBL 2.0 and 2.1)! reference invoice 20150100 as a basic example with just multiple VAT rates.
	<a href="#">UBL 2.0</a>   <a href="#">PDF</a> <a href="#">UBL 2.1</a> (idem)	<b>Reference invoice</b> 20150101 with multiple VAT rates and a surcharge at invoice level.

## UBL 2.0/2.1 and SI references

In several demo files a reference is being made to SI. SI stands for Simpler Invoicing. UBL SimplerInvoicing is a subset of the entire UBL specification (2400 elements). It contains the 200 fields most commonly used in e-invoicing. Over 99,9% of all e-invoicing scenarios could be covered based on these 200 fields.

### Technical documentation on UBL-SimplerInvoicing

There is no separate XSD for Simplerinvoicing, as it would be contrary to the rules of standardisation in the eyes of SimplerInvoicing. The default UBL2.1 XSD is being used, over which a Schematron file is

placed (with extra validations). UBL-SI is fully backwards compatible. It is expected that UBL-SI will be transposed to the new UBL-EU core invoice.

The schematrons (and xsl's) can be downloaded from:

<https://github.com/SimplerInvoicing/validation/tree/v1.1>