



IT- og Telestyrelsen

Ministeriet for Videnskab
Teknologi og Udvikling

Status from Denmark

UBL meeting at Singapore the 6th to 11th
November



Status

OIOUBL

North European Subset

Schematron validation

Stylesheets

OIO Service Oriented Infrastructure

Sector specific customizations



OIOUBL

OIOUBL is a national wide customization of UBL 2.0.
It will be released the 13th of November
It contains DK codelists, Document Guidelines,
Subject specific guidelines and scenario descriptions.
UBL 2.0 procurement part is translated in Danish.
We work for a version in English January 2007



North European Subset (NES)

NES is a collaboration between Denmark, Sweden, Norway, Finland, Iceland and the UK.

NES describes business rules for a number of simple profiles.

The documentation is going to be released within a couple of weeks

NES and OIOUBL are going to be alligned, so they become compatible.



Schematron validation

A Schematron validation for OIOUBL has been released as a Beta.

The validation checks for OIOUBL cardinality restrictions, codelists dependencies and context dependent businessrules.

More than 50% of the checks are true for all subsets of UBL 2.0

When the validation is tested we intend to start up dividing the business rules into general and OIOUBL specific rules and donate the work to UBL.



Stylesheets

Stylesheets has been developed to the following documenttypes:

Order

Order Response Simple

Order Cancellation

Invoice

Credit Note

Application response



Stylesheets, status

The stylesheets has been developed from a method from Crane Softwrights

The method has been refined, so it can adobt ABIE specific templates.

A beta has been send out

Further refinement is needed.



A new infrastructure addressing common barriers:

- Legal:
 - The Danish law require all Danish companies to make a bilateral agreement before exchanging business messages.
 - What service level can be expected from trading partners and where is it specified?
 - Legal binding documents and transports is tricky
- Complexity:
 - Coordination is hard – who can receive and send messages electronically
- Cost:
 - Access to EDI is expensive, often solutions require point to point adoption, and there is no common solutions for internet exchange yet.
- Technical:
 - Lack of commonly used open standards
 - Interoperability between vendors is still a challenge



The goal: To digitize 191 million b2b documents using OIOUBL

- Legal:
 - An umbrella agreements for multilateral exchange of e-business documents, only requirement is a Digital Signature.
 - Standardized service level agreements for e-business. Differentiated requirements for SME's and larger companies.
 - Using the Digital Signature to secure and sign business messages adding to the trust.
- Complexity:
 - A new national e-business registry, which allows all Danish companies and institutions to register simple e-business services and endpoints with their company ID.
- Cost:
 - Open source components makes it possible for anyone to get started just using a digital signature.
- Technical:
 - New open standards create a common open national service oriented infrastructure for business transactions, build around recognized international web service standards.



Schedule

- Status: Specifications and toolkit is available
- Oct 2nd: Pilot with 12 organizations
 - Microsoft, KMD, IBM, EDB-Gruppen, SKI etc.
- Dec 1st: Public hearing of standards profile
- Jan 07: Standards profile becomes OIO profile
- Feb 07: Large scale pilot with companies
- Jul 1st 07: Launch and large scale b2b use



Sector specific customization

Request for following sectors to a Sector specific customization of OIOUBL from

Department of defence

Library and bookstore sector

Telecom and energy supply sector

Building and construction material sector.

We want solutions for these sectors, that are international based.

A method for doing sector specific customization in UBL is required!