

NOTAT

19. oktober 2007

LEA

Bilag D 44. danZIG-møde

Opsamling fra danZIG materialeanskaffelsesarbejdsgruppe

Der har ikke været møde i danZIG materialeanskaffelsesgruppe siden sidste danZIG-møde, men derimod nogle forskellige aktiviteter. Arbejdet i gruppen har siden forrige danZIG-møde handlet om tre emner:

a) at erstatte danEDItEUR specifikationer og XML schemaer med EDItX fra EDItEUR. der har været et udkast til guideline på bordet et stykke tid, hvor der har manglet noget afklaring med EDItEUR om nogle detaljer. Udkastet til guidelinies som det ser ud nu, kan ses på de næste sider. På mødet vil Tommy Schomacker gennemgå udkastet mundtligt.

b) HoldingsHistory som et format til udveksling af historiske beholdningsoplysninger til brug for materialevalg. Vi have et udkast til format på vej, men det blev også brugt som input til et arbejde i ISO TC46 med et generelt beholdningsformat. Det betød at behovet synes dækket end et forslag til ny standard: *ISO/DIS 20775 Information and documentation - Schema for holdings information*. Arbejdet med et særligt dansk HoldingsHistory er derfor skrinlagt.

c) Udveksling mellem bibliotekssystem og økonomisystem: Der er en test i gang i Gentofte mellem økonomisystemet PRISM, jf. bilag til referat af 43. danZIG-møde:

Der er p.t. ved at blive testet en løsning til automatisk godkendelse af fakturaer hos Gentofte Bibliotek / Gentofte Kommune. Gentofte Bibliotek kører DDElibra som bibliotekssystem og Gentofte Kommune anvender Prisme fra Fujitsu som økonomisystem.

Teknisk set anvender løsningen standard OIO fra Prisme til fagsystem, og kræver at fagsystemet kan behandle elektroniske regninger - OIO og Læslnd - samt modtage Prisme's bilagsnummer i ExtensibleContent på fakturaniveau. Finanskonteringen returneres i standard kmd-snitflade GQ311001Q (G69 økonomiposteringer) med Prisme's bilagsnummer i felt 116 (Bilagsarkivnr). Filen kan anvendes overfor flere økonomiløsninger på det kommunale marked, og giver desuden adgang til "ren" finanskontering - ex. omkontering af tidligere bilag.

Workflowet er følgende:

- biblioteket afsender en ordre til leverandøren
- leverandøren sender materialet til biblioteket
- leverandøren sender en elektronisk faktura i OIOXML til kommunen/Prisme
- Prisme sender en kopi af OIOXML fakturaen til biblioteket/DDElibra
- DDElibra sender automatisk posteringer tilbage til Prisme i GQ311001Q formatet svarende til de materialer der er modtaget.

På mødet vil Flemming Pedersen supplere mundtligt.

DRAFT

Guidelines for use of EDItX documents in Danish libraries

1. Background

In 1998-99 a set of Danish XML schemas was made based on EDItEUR's EDI transactions. Of these schemas only the order was eventually used. A couple of years ago EDItEUR created EDItX as an XML substitution of the EDI-specifications. EDItX is not just a translation of the EDI-specifications to XML but a further development and a simplification. A danEDItEUR working group concluded that EDItX could be used in Denmark with minor adjustments. Consequently it was decided to investigate if the special Danish XML schemas could be replaced by EDItX.

2. Scope

These guidelines specifies XML-documents for ordering and ship notice by profiling EDItX schemas. The weight is on the Danish use of the schemas.

Each field (element or attribute) has been considered carefully. For some fields the purpose are obvious, but is not the case for all fields. EDItEUR has not made a list of definitions yet. The Danish profile specifies the use of selected fields where the meaning is not obvious or where a mapping to Danish concepts or terminology is vital. Fields where the usage is obvious is not mentioned. To get a total view the original EDItEUR document therefore must be examined.

3. State of EDItX schemas

EDItX describes a number of XML documents for use in the book trade.

- STOCK ENQUIRY & RESPONSE / STATUS REPORT
- GENERAL BOOK TRADE ORDER FORMAT
- ORDER RESPONSE / STATUS REPORT
- ORDER STATUS ENQUIRY AND ORDER CANCELATION
- SHIP NOTICE / DESPATCH ADVICE FORMAT FOR GENERAL BOOK TRADE USE
- RETURNS NOTIFICATION / AUTHORIZATION REQUEST
- RETURNS RESPONSE

The order format exists in a specific library version with additional opportunities to specify information on copy level:

- BOOK ORDER FORMAT FOR LIBRARY SUPPLY

All documents is now published in version 1.1.

The DanZIG working group for library acquisition has commented on this schema. The working group had seven minor requests for change to the schema. All are provided for in the latest version.

The working group has also noticed the need for a specific library version of the SHIP NOTICE – among others to be able to transfer information for automated update of holdings. We have understood that EDItEUR plans to establish a suite of documents for library usage. Hopefully the Danish requirements will be met in a library version of SHIP NOTICE.

4. State of guidelines

This version is based on version 1.1 of BOOK ORDER FORMAT FOR LIBRARY SUPPLY and SHIP NOTICE.

For the use of the BOOK ORDER schema the guidelines specifies which elements to be used – and how.

As the SHIP NOTICE schema lacks important information on copy level, these guidelines also specifies an extension of the schema for library usage.

5. Guidelines

5.1 Common specifications for guidelines

Copy detail (Eksemplarpålysninger)

This section exists in both BOOK ORDER and SHIP NOTICE

	Element	D	LibraryOrder.ItemDetail.	R
3	Copy number (Materialenummer) In Denmark this field is used for a temporary identification of the copy (midlertidigt materialenummer)	D	CopyNumber	
6	Collection Profile (Profildata) See description below (*) Collection code (Oplysningskode) Collection description (Oplysning)	D D D	CollectionProfile CollectionCode CollectionDescription	R
8	Classification (Klassifikation) Classification scheme identifier (Klassifikationssystem) The list of values in version 1.1 includes: Dewey Decimal Classification Abridged Dewey DDK5 (Norway) DK5 (Denmark) Library of Congress Classification Number Universal Decimal Classification	D M	Classification. SubjectSchemeIdentifier <i>DDC</i> <i>AbridgedDDC</i> <i>DDK</i> <i>DK5</i> <i>LCClassNumber</i> <i>UDC</i>	R
12	Processing profile code (Processhåndteringskode) A string defined by trading partner agreement. A code for "copy for review" (gennemsynseksemplar) may be defined.	D	ProcessingProfileCode	
13	Special processing / servicing instruction May be used for specifying binding etc (indbinding og klargøring) – and to specify the meaning of field 14.	D	ProcessingInstructionCode	R
14	Barcode number (Stregkode) In Denmark this field is used to specify the final identification of the copy (endeligt materialenummer) - either incarnated as a bar code or as the id number on an RFID tag. The field is only used in SHIP NOTICE.	D	BarcodeNumber	
15	Fund information (Konteringsoplysninger)	D	FundDetail	R
17	Message required at line item level (Intern meddelelse) May be used for "materialevalgsnote".	D	Message	R

For the total list of fields se BOOK ORDER FORMAT FOR LIBRARY SUPPLY, Version 1.1, April 2007. <http://www.editeur.org/editx/EDItX%20libs.html>

(*) Collection profile (Profildata) covers information on how a given object is accessed in the library, for example where it is placed and whether or not it may be lend out. The information may serve different purposes, e.g. updating the holdings register, presentation in the OPAC, print on label.

In Denmark the following Collection codes are used.

Collection code	Meaning	Collection description (examples)
10	Filial (branch)	hovedbibliotek, filial, bogbus, depot
20	Hyldeliste	børn, voksen
30	Opstilling	musikafdeling, udlån
40	Delopstilling	billedbøger, musik, x-box, cd
50	Udlånsregel	til udlån, 14 dages udlån
60	Kassationskode	

5.2 Danish profile of Book Order Format

Refer to BOOK ORDER FORMAT FOR LIBRARY SUPPLY, Version 1.1, April 2007:
<http://www.editeur.org/editx/EDItX%20libs.html>

Even though the format is named “book order” it is used for ordering all kind of materials, books, CD’s etc. The only exception is serials.

To get a total view of fields the EDItEUR document referenced above must be examined.

Document name and version (Dokumentnavn og version)

Attribute that specifies that the document is according to Library Order version 1.1.

Library Order Version 1.1	<LibraryOrder version="1.1">
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Header (Fællesoplysninger)

Information of the order as a whole, i.e. order number, date and time, currency, identification of the buyer and the vendor, shipping and billing instructions etc.

Element	M	LibraryOrder.Header.
5 Order type (Ordretypen) New order (Ny ordre) (default) Order for approval or inspection copies (Ordre på gennemsynseksemplar) The general rule is to specify the order for "gennemsynseksemplar" here. Another possibility is to specify this on copy level. In that case Copy detail line 12 (Processing profile code) is used.	D	OrderTypeCode <i>Order</i> <i>ApprovalOrder</i>
17 Cataloging instructions (Katalogpost-instruktioner) Cataloging format (Katalogiseringsformat) The list of values in version 1.1 includes: danMARC2 wrapped in ISO 2709 DanMARC2 wrapped in XML (ISO 25577 MarcXchange) Cataloging supply instruction (Leveringsinstruktion) The list of values in version 1.1 includes: Send with ship notice (Sendes med elektronisk følgeseddel)	D	CatalogingInstructions <i>CatalogingFormatCode</i> <i>danMARCISO2709</i> <i>DanMARCXML</i> <i>CatalogingSupplyCode</i> <i>WithASN</i>

Line item detail (Ordrelinje)

In each line the specific article (book, CD etc.) and the number to be delivered is specified.

Element	M	LibraryOrder.ItemDetail.	R
2 Product identifier (Produktidentifikation) Product ID type (Produktidentifikationstype) For use in Denmark a generic type is added. This may be used to refer to proprietary product numbers, e.g. CD's Name of proprietary product ID scheme (mandatory if Product ID type is proprietary). Identifier	D M D M	ProductID. ProductIDType <i>Proprietary</i> IDTypeName Identifier	R
6 Line item references (Ordrelinje-referencer) Reference type (Referencetype) The list of values in version 1.1 includes: Library's new title list reference (Seddelfortegnelse) Reference (e.g. SFD0714, i.e. seddelfortegnelse, danske bøger, year 2007 and week 14)	M M D	ReferenceCoded ReferenceTypeCode LibraryNewTitleListReference ReferenceNumber	R

Copy detail (Eksemplaroplysninger)

As mentioned above each article may be ordered in a number of copies – OrderQuantity (Line item detail no. 5).

The copy detail have to do with optional subsets of the total number of copies of a specific article.

If five copies are specified in OrderQuantity (Line item detail no. 5), there may be specific copy information for each of the five copies. On the other hand it is also possible to divide the five copies in two groups of say two and three copies with common copy information.

See description in section 5.1.

Trailer (Opsummering)

This part of the document contains information on the number of lines (repetitions of LibraryOrder.ItemDetail) and the total number of ordered items.

5.3 Danish profile of Ship Notice

Refer to SHIP NOTICE / DESPATCH ADVICE FORMAT FOR GENERAL BOOK TRADE USE, Version 1.1, March 2007:

<http://www.editeur.org/editx/EDItX%20trade.html>

To get a total view of fields the EDItEUR document referenced above therefore must be examined.

As the ship notice doesn't exist in a library version an extension is specified. The extension is mainly done by copying the extensions made in library order.

Document name and version (Dokumentnavn og version)

Attribute that specifies that the document is according to Ship Notice version 1.1.

Ship Notice Version 1.1	<AdvanceShipNotice version="1.1">
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Header (Fællesoplysninger)

Information of the order as a whole, i.e. order number, date and time, currency, identification of the buyer and the vendor, shipping and billing instructions etc.

	Element	M	AdvanceShipNotice.Header.	
7	Buyer Must be replaced by the corresponding element from Library Order (Header pos. 10)	M	BuyerParty	
8	Vendor / Supplier Must be replaced by the corresponding element from Library Order (Header pos. 11)	M	SellerParty	
9	Ship to / deliver to Must be replaced by the corresponding element from Library Order (Header pos. 12)	D	ShipToParty	
10	Bill to / invoice to Must be replaced by the corresponding element from Library Order (Header pos. 13)	D	BillToParty	

Line item detail (Ordrelinje)

In each line the specific article (book, CD etc.) and the number delivered is specified.

	Element	M	AdvanceShipNotice.ItemDetail.	R
3	Item description Must be replaced by the corresponding element from Library Order (Line item detail pos. 4)	D	ItemDescription.	
5	Line item references Must be replaced by the corresponding element from Library Order (Line item detail pos. 6)	D	ReferenceCoded.	R

Copy detail (Eksemplarsoplysninger)

This section is added to the Danish version, but does not exist in EDItX SHIP NOTICE.

See description in section 5.1.

Packaging Detail (Emballeringsoplysninger)

This section may be used for information on how the items are packed.

Trailer (Opsummering)

This part of the document contains information on the number of lines (repetitions of AdvanceShipNotice.ItemDetail) and the total number of shipped items.