

NOTAT

18. januar 2006
J.nr.: 331-9
LEA**Bilag A til danZIGs. 42. møde 1. februar 2006****Udkast
til Danish Bibliographic SRW profile og dan2 context set**

Forarbejder til nærværende udkast har være distribueret blandt danZIGs mellem under titlen *Mapping between Praksisregler for søgeveje and new "DANISH" SRW index set and SRW Bath Context Set.*

Resultatet er blevet udkast til både et context set og til en profil, der skal publiceres som to forskellige specifikationer: *Danish Bibliographic SRW profile* og *dan2 context set*. De to udkast følger nedenfor med indledningvis en beskrivelse af processen, der har ledt til de to specifikationer. Disse er på engelsk, mens beskrivelsen er holdt på dansk.

Danish Bibliographic SRW profile dækker alene bibliografiske index – her er ikke medtaget autoritetsposter. Derimod indeholder dan2 også indexes som er særlige for søgning i autoritetsposter.

Referencer:

Praksisregler for søgeveje. Opsætning af søgeveje og udfoldning af koder under danMARC2

<http://www.bs.dk/publikationer/andre/praksisregler/index.htm>

Skal efterfølgende opdateres til Praksisregler for søgeveje - udgave 2006

Søgeveje til hjælpepostformatet til danMARC2

<http://www.bs.dk/content.aspx?itemguid={9C6AD7BC-813D-4347-BD9F-172F2E073393}>

Der skal - jf. <http://www.loc.gov/standards/sru/profiles.html> - defineres en identifier for en profil. En sådan identifier indgår i nedenstående udkast. Der skal ligeledes være en identifier for et context set, jf. <http://www.loc.gov/standards/sru/cql/index.html#context>

De to efterfølgende udkast til danZIG specifikationer er til diskussion. Jeg har forsøgt at gøre dem dækkende, men der kan sagtens være yderligere forhold, som bør dækkes indenfor rammerne af de to specifikationer.

I forbindelsen med behandlingen på danZIG-mødet 1.2.2006 vil vi så også aftale den fortsatte proces – som naturligvis vil afhænge hvor meget mere der skal gøres ved de to tekster.

Fælles liste for Danish Bibliographic SRW profile og en kommende Danish Authorities SRW profile

Bib-1 Use Attribute Name	Value	Praksis regler	Index
Name-personal	1	np/lnp	bath.personalName*4)
Name-corporate	2	nk/lnk	bath.corporateName *4)
Title	4	ti/lti	dc.title
Title-series	5	se/lse	dan2.titleSeries
Title-uniform	6	ut/lut	bath.uniformTitle
Identifier-ISBN	7	ib	dan2.identifierISBN
Identifier-ISSN	8	in	bath.issn
Control-number-local	12	id	Rec.id
Classification-Dewey	13	ddc	dan2.classificationDewey
Classification-UDC	14	udk	dan2.classificationUDC
Classification-LC	16	lcc	dan2.classificationLC
Classification-NLM	17	nml	dan2.classificationNLM
Classification-NAL	18	nal	dan2.classificationNAL
Classification-local	20	kl/lkl	dan2.classificationLocal
Subject	21	em/lem	dc.subject
Subject-MESH	25	ms/lms	dan2.subjectMESH
Subject-headings-LC	27	ce	dan2.subjectHeadingsLC *4)
Date-publication	31	år	dc.date
Title-key	33	nt/lnt	bath.keyTitle
Title-parallel	35	pa/lpa	dan2.titleParallel
Title-former	42	tt/ltt	dan2.titleFormer
Code-language	54	sp	dc.language
Code-geographic-area	55	ul	dan2.codeGeographicArea
Subject-geographic	58	el	bath.geographicName *4)
Name-geographic-place-publication	59	pu	dan2.nameGeographicPlacePublication
Identifier-CODEN	60	co	dan2.identifierCODEN
Note	63	no	bath.notes
Name-personal-corporate	1002	na	bath.name *4)
Author-name	1003	fo/lfo	dc.creator
Author-name-personal	1004	pe/lpe	bath.personalName
Author-name-corporate	1005	ko/lko	bath.corporateName
Identifier-standard	1007	is	dan2.identifierStandard
Subject-name-personal	1009	ep/lep	dan2.subjectNamePersonal
Date/time added to db	1011	op	dan2.dateTimeAdded *3) *4)
Date/time last modified	1012	aj	dan2.dateTimeLastModified *3) *4)
Any	1016	default	cql.serverChoice *1)
Name-publisher	1018	fl	dc.publisher

Bib-1 Use Attribute Name	Value	Praksis regler	Index
Code-map-scale	1024	km	dan2.codeMapScale
Title-related-periodical	1026	rt/lrt	dan2.titleRelatedPeriodical
Material-type	1031	ma/lma	dc.type
Identifier-document	1032	ww	dan2.identifierDocument
Title-host-item	1033	vp/lvp	dan2.titleHostItem
Anywhere	1035	ALLE	cql.anywhere *1)
Classification	1040	cl/lcl	dan2.classification
Possessing-institution	1044		bath. PossessingInstitution *2)
Subject-name-corporate	1074	ek/lek	dan2.subjectNameCorporate
Subject-chronological	1077	et/let	dan2.subjectChronological *4)
Subject-title	1078	te/lte	dan2.subjectTitle *4)
Subject-uncontrolled	1080	uk/luk	dan2.subjectUncontrolled
Subject-AGROVOC	1085	ac/lac	dan2.subjectAGROVOC
Subject-COMPASS	1086	cp/lcp	dan2.subjectCOMPASS
Subject-EPT	1087	ed/led	dan2.subjectEPT
Subject-NAL	1088	ag/lag	dan2.subjectNAL
Classification-BCM	1089	bcm	dan2.classificationBCM
Classification-DB	1090	dbk	dan2.classificationDB
Identifier-ISRC	1091	ic	dan2.identifierISRC
Identifier-ISMN	1092	im	dan2.identifierISMN
Identifier-ISRN	1093	ir	dan2.identifierISRN
Code-language-original	1095	ou	dan2.codeLanguageOriginal
Title-later	1096	st/lst	dan2.titleLater
Nationality-person-corporation	1217	fn	dan2.nationalityPersonCorporation *4)

Dan-1 Use Attribute Name	Value	Praksis regler	Index
Classification-code-DK5	1	au/lau	dan2.classificationCodeDK5
Subject-controlled	2	ke/lke	dan2.SubjectControlled
DBC-subject	3	db/ldb	dan2.DBCsubject
DBC-non-fiction-subject	4	df/ldf	dan2.DBCnonFictionSubject
DBC-fiction-subject	5	ds/lfs	dan2.DBCfictionSubject
DBC-music-subject	6	me/lme	dan2.DBCmusicSubject
Format-as-subject	7	fm/lfm	dan2.formatAsSubject
Subject-level	8	nb/lnb	dan2.subjectLevel
Shelf-mark	9	po/lpo	dan2.shelfMark
Classification-DK5	10	dk/ldk	dan2.classificationDK5
Classification-as-shelf-mark	11	ok/lok	dan2.classificationAsShelfMark
Obsolete-shelf-mark	12	gd/lgd	dan2.ObsoleteShelfMark
Subject-FUI	13	fg	dan2.subjectFUI
Catalogue-code	14	kk	dan2.catalogueCode

Dan-1 Use Attribute Name	Value	Praksis regler	Index
LIX-code	15	ix	dan2.LIXcode
Music-notation	16	nm	dan2.musicNotation
Item-number	17	nr	dan2.itemNumber
Local-item-number	18	en	dan2.localItemNumber
Previous-FAUST-code	19	tf	dan2.previousFAUSTcode
Title-host-publication	20	lvx	dan2.titleHostPublication
Children/school-shelf-mark	21	bs	dan2.childrenSchoolShelfMark
Subject-controlled-non-fiction	22	ef/lef	dan2.subjectControlledNonFiction
Subject-controlled-fiction	23	es/les	dan2.SubjectControlledFiction
Music-shelf-mark	24	mo/lmo	dan2.musicShelfMark
Embossed-printing-abbreviated-version	25	fv	dan2.embossedPrintingAbbreviatedVersion
Author-name-in-description	26	fb	dan2.authorNameInDescription
Technical-specification	27	ts/lts	dan2.technicalSpecification
Heading-normative	28	kv/lkv	dan2.heading-normative *4)
Subject-chronological-DBC	29	ta/lta	dan2.subjectChronologicalDBC *4)
Subject-geographic-DBC	30	sn/lsn	dan2.subjectGeographicDBC *4)
Authorization-code	31	ak	dan2.authorizationCode *4)
Transliteration-code	32	tr	dan2.transliterationCode *4)
Language-person-corporation	33	fs	dan2.languagePersonCorporation *4)
DBC-subject-general	34	da/lda	dan2.subjectGeneralDBC *4)

Ikke i BIB-1 eller DAN1	Value	Praksis regler	Index
Barcode		bc	dan2.barcode *3)

*1)

Vi har i danZIG-profilen ikke medtaget BIB-1 1035 Anywhere svarende til alle indexerede felter. Derimod definerede vi praksisreglernes default som BIB-1 1016 Any, som i Bath er omsat til cql.anywhere. Men den holder ikke med praksisreglernes default, som netop er og forbliver defineret som et udvalg af søgekoder, men ikke alle. Derfor er i dette forslag medtaget både cql.serverChoice svarende til praksisreglernes default og cql.anywhere svarende til alle indexerede felter.

*2)

bath.possessingInstitution eller BIB-1 1044 er ikke med i danZIG-profilen. Men der vil i mange sammenhænge være brug for at udtrykke hvilket bibliotek, som ejer en given materialeenhed. I forhold til Praksisregler for søgeveje er problemet at netop denne attribut ikke findes dækkende entydigt som en del af danMARC2. Nok kan 096 *z i et vist omfang dække denne, men dette felt er jo alene brugt af forskningsbiblioteker.

*3)

Nye felter i høringversion af Praksisregler for søgeveje af 23.12.2005:

aj for ajourføringstidspunkt
bc for EAN/stregkode
op for oprettelsesdato

Desuden var i forvejen optaget i DAN 1:
DAN-1 21: bs for børnelitteraturopstillingskoder
DAN-1 27: ts for tekniske oplysninger

*4)

Tilføjet af hensyn til en kommende Danish Authorities SRW profile.
Dermed er nogle ikke-understøttede i sidste udkast "løftet på"

Name - bath.name - BIB-1 1002

Geographic Name - bath.geographicName - BIB-1 58

Ikke understøttede fra Bath Context Set:

Format/Type of Material - dc.format - BIB-1 1034
Conference Name - bath.conferenceName BIB-1 3
Topical Subject - bath.topicalSubject - BIB-1 1079
Genre/form Subject - bath.genreForm - BIB-1 1075

Derudover ikke understøttet fra DC

dc.contributor
dc.description (BIB-1 62 ?)
dc.source (BIB-1 1019 ?)
dc.relation
dc.coverage
dc.rights

dan2 context set

Draft 18. januar 2006

The identifier for the dan2 context set is: <http://www.bs.dk/standards/context-sets/dan2>

The recommended prefix for the dan2context set is: dan2

The dan2 Context set extends the base CQL context set, Record Metadata context set, Dublin Core context set and Bath Profile context set to enable bibliographic and authority searching in Danish library databases corresponding to the danZIG profile specification for Z39.50.

dan2 index name	References		
	BIB-1	DAN-1	Danish Codes
dan2.authorizationCode		31	ak
dan2.authorNameInDescription		26	fb
dan2.barcode			bc
dan2.catalogueCode		14	kk
dan2.childrenSchoolShelfMark		21	bs
dan2.classification	1040		cl/lcl
dan2.classificationAsShelfMark		11	ok/lok
dan2.classificationBCM	1089		bcm
dan2.classificationCodeDK5		1	au/lau
dan2.classificationDB	1090		dbk
dan2.classificationDewey	13		ddc
dan2.classificationDK5		10	dk/ldk
dan2.classificationLC	16		lcc
dan2.classificationLocal	20		kl/lkl
dan2.classificationNAL	18		nal
dan2.classificationNLM	17		nlm
dan2.classificationUDC	14		udk
dan2.codeGeographicArea	55		ul
dan2.codeLanguageOriginal	1095		ou
dan2.codeMapScale	1024		km
dan2.dateTimeAdded	1011		op
dan2.dateTimeLastModified	1012		aj
dan2.DBCfictionSubject		5	ds/lds
dan2.DBCmusicSubject		6	me/lme
dan2.DBCnonFictionSubject		4	df/ldf
dan2.DBCsubject		3	db/ldb
dan2.embossedPrintingAbbreviatedVersion		25	fv
dan2.formatAsSubject		7	fm/lfm

dan2.heading-normative		28	kv/lkv
dan2.identifierCODEN	60		co
dan2.identifierDocument	1032		ww
dan2.identifierISBN	7		ib
dan2.identifierISMN	1092		im
dan2.identifierISRC	1091		ic
dan2.identifierISRN	1093		ir
dan2.identifierStandard	1007		is
dan2.itemNumber		17	nr
dan2.languagePersonCorporation		33	fs
dan2.LIXcode		15	ix
dan2.localItemNumber		18	en
dan2.musicNotation		16	nm
dan2.musicShelfMark		24	mo/lmo
dan2.nameGeographicPlacePublication	59		pu
dan2.nationalityPersonCorporation	1217		fn
dan2.obsoleteShelfMark		12	gd/lgd
dan2.previousFAUSTcode		19	tf
dan2.shelfMark		9	po/lpo
dan2.subjectAGROVOC	1085		ac/lac
dan2.subjectChronological	1077		et/let
dan2.subjectChronologicalDBC		29	ta/lta
dan2.subjectCOMPASS	1086		cp/lcp
dan2.SubjectControlled		2	ke/lke
dan2.SubjectControlledFiction		23	es/les
dan2.subjectControlledNonFiction		22	ef/lef
dan2.subjectEPT	1087		ed/led
dan2.subjectFUI		13	fg
dan2.subjectGeneralDBC		34	da/lda
dan2.subjectGeographicDBC		30	sn/lsn
dan2.subjectHeadingsLC	27		ce
dan2.subjectLevel		8	nb/lnb
dan2.subjectMESH	25		ms/lms
dan2.subjectNAL	1088		ag/lag
dan2.subjectNameCorporate	1074		ek/lek
dan2.subjectNamePersonal	1009		ep/lep
dan2.subjectTitle	1078		te/te
dan2.subjectUncontrolled	1080		uk/luk
dan2.technicalSpecification		27	ts/lts
dan2.titleFormer	42		tt/ltt
dan2.titleHostItem	1033		vp/lvp
dan2.titleHostPublication		20	lvx
dan2.titleLater	1096		st/lst

dan2.titleParallel	35		pa/lpa
dan2.titleRelatedPeriodical	1026		rt/lrt
dan2.titleSeries	5		se/lse
dan2.transliterationCode		32	tr

References:

Danish Codes

Standard search codes in Danish libraries.

Semantic definitions of the dan2 indexes references to corresponding danMARC2 field-codes are available (in Danish) at the Danish National Library Authority Web:

Praksisregler for søgeveje: Opsætning af søgeveje og udfoldning af koder under danMARC2 (bibliographic - defines 1-27):

<http://www.bs.dk/publikationer/andre/praksisregler/index.htm>

Søgeveje til hjælpepostformatet til danMARC2 (authorities - defines 28-34)

<http://www.bs.dk/content.aspx?itemguid={9C6AD7BC-813D-4347-BD9F-172F2E073393}>

BIB-1

Bib-1 Attribute Set

<http://www.loc.gov/z3950/agency/defns/bib1.html>

DAN-1

DAN-1 Attribute set

<http://www.bs.dk/danzig/dan-1.htm>

Danish Bibliographic SRW profile

Draft 18. januar 2006

Identifier : <http://www.bs.standards/profiles/dan-bibl-srw>

Messages are conveyed from client to server using XML over HTTP via the W3C recommendation SOAP, which specifies how to wrap an XML message within an XML envelope. The SRW specification tries to adhere to the Web Services Interoperability recommendations.

SRW clients and servers must support SOAP version 1.1. They may support version 1.2 or later.

SRW: <http://www.loc.gov/standards/sru/srw/index.html>

Basic requirements:

Servers must support CQL version 1.1 level 1.

CQL: <http://www.loc.gov/standards/sru/cql/index.html>

Servers must support SRW diagnostic for returning errors:

Diagnostic: <http://www.loc.gov/standards/sru/diagnostics-list.html>

If there is a doubt whether to return a SOAP fault or an SRW diagnostic, then the diagnostic is the preferred solution, as the client must support the diagnostics.

Servers must support scan operation.

SCAN: <http://www.loc.gov/standards/sru/scan/index.html>

Servers must support explain operation.

Explain: <http://www.loc.gov/standards/sru/explain/index.html>

Servers must support a mixture of index set including the base CQL context set, Record Metadata context set, Dublin Core context set, Bath Profile context, and dan2 context set to enable bibliographic searching in Danish library databases corresponding to the danZIG profile specification for Z39.50. The selected indexes from these context sets are specified below.

Servers must support delivery of records formatted in RecordSchemas:

Dublin Core

- Short name: dc
- Identifier: info:srw/schema/1/dc-v1.1
- Schema location: <http://www.loc.gov/standards/sru/dc-schema.xsd>

MarcXchange:

- Short name: tbd
- Identifier: tbd
- Schema location: tbd

DKABM

- Short name: dkadm
- Identifier: tbd
- Schema location: http://www.bs.dk/standards/schemas/dkdcplus_2006-01-13.xsd

dan2 name	Index	References		
		Danish Codes	BIB-1	DAN-1
Any	cql.serverChoice	default	1016	
Anywhere	cql.anywhere	ALL	1035	
Author-name	dc.creator	fo/lfo	1003	
Author-name-corporate	bath.corporateName	ko/lko	1005	
Author-name-in-description	dan2.authorNameInDescription	fb		26
Author-name-personal	bath.personalName	pe/lpe	1004	
Barcode	dan2.barcode	bc		
Catalogue-code	dan2.catalogueCode	kk		14
Children/school-shelf-mark	dan2.childrenSchoolShelfMark	bs		21
Classification	dan2.classification	cl/lcl	1040	
Classification-as-shelf-mark	dan2.classificationAsShelfMark	ok/lok		11
Classification-BCM	dan2.classificationBCM	bcm	1089	
Classification-code-DK5	dan2.classificationCodeDK5	au/lau		1
Classification-DB	dan2.classificationDB	dbk	1090	
Classification-Dewey	dan2.classificationDewey	ddc	13	
Classification-DK5	dan2.classificationDK5	dk/ldk		10
Classification-LC	dan2.classificationLC	lcc	16	
Classification-local	dan2.classificationLocal	kl/lkl	20	
Classification-NAL	dan2.classificationNAL	nal	18	
Classification-NLM	dan2.classificationNLM	nlm	17	
Classification-UDC	dan2.classificationUDC	udk	14	
Code-geographic-area	dan2.codeGeographicArea	ul	55	
Code-language	dc.language	sp	54	
Code-language-original	dan2.codeLanguageOriginal	ou	1095	
Code-map-scale	dan2.codeMapScale	km	1024	
Control-number-local	Rec.id	id	12	
Date/time added to db	dan2.dateTimeAdded	op	1011	
Date/time last modified	dan2.dateTimeLastModified	aj	1012	
Date-publication	dc.date	år	31	
DBC-fiction-subject	dan2.DBCfictionSubject	ds/lfs		5
DBC-music-subject	dan2.DBCmusicSubject	me/lme		6
DBC-non-fiction-subject	dan2.DBCnonFictionSubject	df/ldf		4
DBC-subject	dan2.DBCsubject	db/lfb		3
Embossed-printing-abbreviated-version	dan2.embossedPrintingAbbreviatedVersion	fv		25
Format-as-subject	dan2.formatAsSubject	fm/lfm		7

dan2 name	Index	References		
		Danish Codes	BIB-1	DAN-1
Identifier-CODEN	dan2.identifierCODEN	co	60	
Identifier-document	dan2.identifierDocument	ww	1032	
Identifier-ISBN	dan2.identifierISBN	ib	7	
Identifier-ISMN	dan2.identifierISMN	im	1092	
Identifier-ISRC	dan2.identifierISRC	ic	1091	
Identifier-ISRN	dan2.identifierISRN	ir	1093	
Identifier-ISSN	bath.issn	in	8	
Identifier-standard	dan2.identifierStandard	is	1007	
Item-number	dan2.itemNumber	nr		17
LIX-code	dan2.LIXcode	ix		15
Local-item-number	dan2.localItemNumber	en		18
Material-type	dc.type	ma/lma	1031	
Music-notation	dan2.musicNotation	nm		16
Music-shelf-mark	dan2.musicShelfMark	mo/lmo		24
Name-geographic-place-publication	dan2.nameGeographicPlacePublication	pu	59	
Name-publisher	dc.publisher	fl	1018	
Note	bath.notes	no	63	
Obsolete-shelf-mark	dan2.obsoleteShelfMark	gd/lgd		12
Possessing-institution	bath. PossessingInstitution		1044	
Previous-FAUST-code	dan2.previousFAUSTcode	tf		19
Shelf-mark	dan2.shelfMark	po/lpo		9
Subject	dc.subject	em/lem	21	
Subject-AGROVOC	dan2.subjectAGROVOC	ac/lac	1085	
Subject-COMPASS	dan2.subjectCOMPASS	cp/lcp	1086	
Subject-controlled	dan2.SubjectControlled	ke/lke		2
Subject-controlled-fiction	dan2.SubjectControlledFiction	es/les		23
Subject-controlled-non-fiction	dan2.subjectControlledNonFiction	ef/lef		22
Subject-EPT	dan2.subjectEPT	ed/led	1087	
Subject-FUI	dan2.subjectFUI	fg		13
Subject-level	dan2.subjectLevel	nb/lnb		8
Subject-MESH	dan2.subjectMESH	ms/lms	25	
Subject-NAL	dan2.subjectNAL	ag/lag	1088	
Subject-name-corporate	dan2.subjectNameCorporate	ek/lek	1074	
Subject-name-personal	dan2.subjectNamePersonal	ep/lep	1009	
Subject-uncontrolled	dan2.subjectUncontrolled	uk/luk	1080	
Technical-specification	dan2.technicalSpecification	ts/lts		27
Title	dc.title	ti/lti	4	
Title-former	dan2.titleFormer	tt/ltt	42	
Title-host-item	dan2.titleHostItem	vp/lvp	1033	

dan2 name	Index	References		
		Danish Codes	BIB-1	DAN-1
Title-host-publication	dan2.titleHostPublication	lvx		20
Title-key	bath.keyTitle	nt/lnt	33	
Title-later	dan2.titleLater	st/lst	1096	
Title-parallel	dan2.titleParallel	pa/lpa	35	
Title-related-periodical	dan2.titleRelatedPeriodical	rt/lrt	1026	
Title-series	dan2.titleSeries	se/lse	5	
Title-uniform	bath.uniformTitle	ut/lut	6	

References:

Danish Codes

Standard search codes in Danish libraries.

Semantic definitions of the dan2 indexes references to corresponding danMARC2 field-codes are available (in Danish) at the Danish National Library Authority Web:

Praksisregler for søgeveje: Opsætning af søgeveje og udfoldning af koder under danMARC2 (bibliographic - defines 1-27):

<http://www.bs.dk/publikationer/andre/praksisregler/index.htm>

BIB-1

Bib-1 Attribute Set

<http://www.loc.gov/z3950/agency/defns/bib1.html>

DAN-1

DAN-1 Attribute set

<http://www.bs.dk/danzig/dan-1.htm>