



ONE-2 & danZIG Profiles

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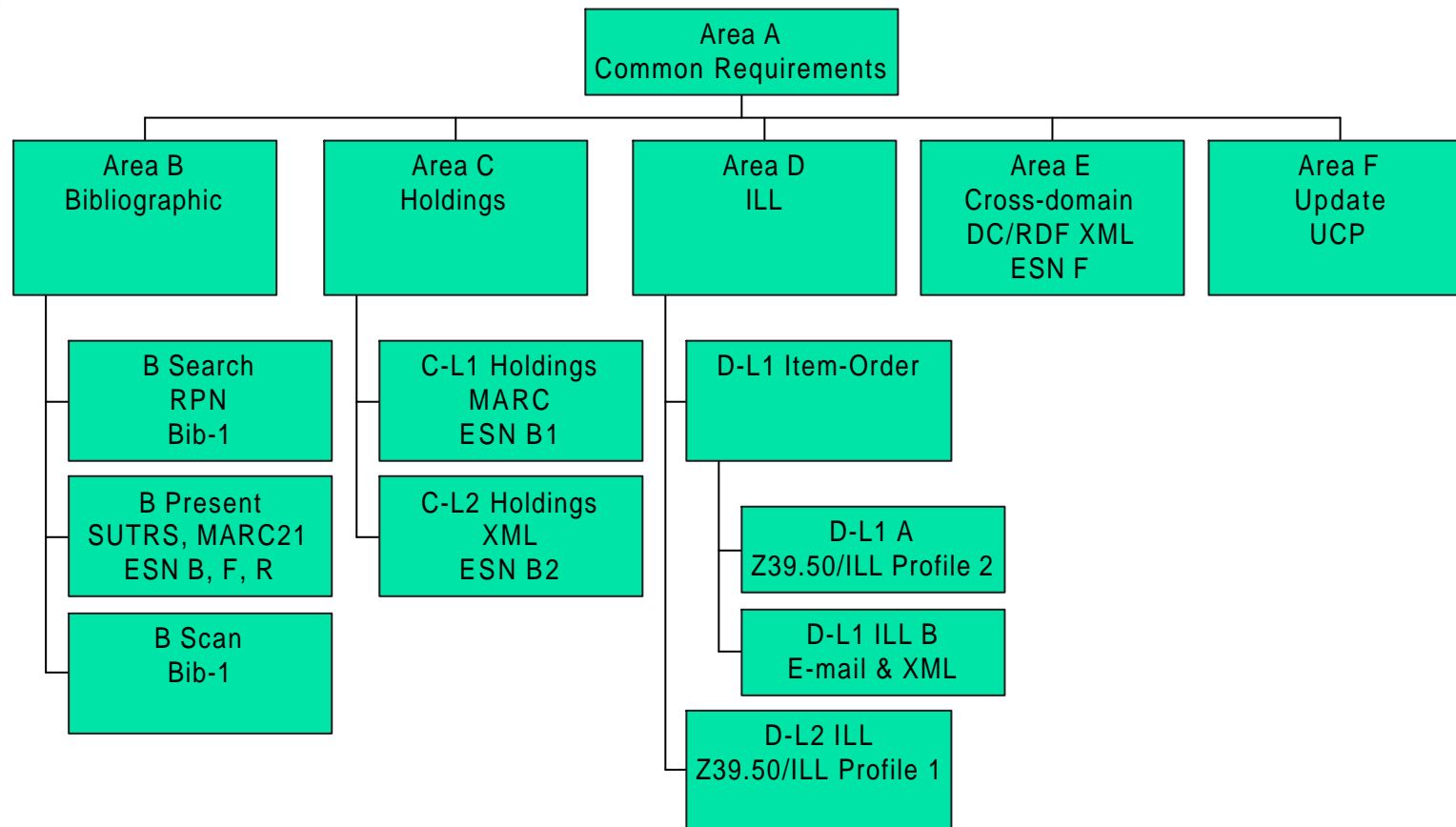
<mailto:phj@dbc.dk>



ONE-2 Profile

- All requirements supported by ONE-2 Servers
- Bibliographic S&R like Bath
- Cross-domain DC/RDF XML S&R like Bath
- Holdings XML Retrieval with Bib-1 Searching
- Z39.50/ILL Profiles & ILL XML Schema
- Update Extended Service
- ExplainLite Server information
- <http://www.portia.dk/pubs/one2/Profiles/ProfileV3R2/ONE-2ProfileV3R2.htm>

ONE-2 Profile Structure





A Common Requirements

- Z39.50-1995 v3
- Character Set Negotiation
- ISO 8859-1:1998 Latin-1
- ID/Authentication parameters on *Init*
- Bib-1 attribute set & Bib-1 diagnostic set
- ISO 10646 BMP character set with UTF-8 or UTF-16 encoding future recommendation



B Bibliographic Search

- All six attribute types must be supplied by Clients and respected by Servers. Servers may substitute missing attribute types or reject the query
- *Fields* and *Subfields* are treated as the same
- Same attribute combinations as Bath V1 – except First-in-Field is not required
- ESN variants "B", "F", "R"
- SUTRS & MARC21 (UNIMARC)
- SCAN basically similar to Search



C Holdings Retrieval

- Search on Bib-1 Use 1044 *Possessing-Institution*
- MARC Holdings retrieval
 - Syntax=MARC21 & ESN=B1
 - B1 *siteLocation* Holdings data
 - Holdings in fields 852/866
- ZIG Holdings Retrieval
 - Syntax=XML & ESN=B2
 - B2 *summaryBibLevelHoldings* data
 - ZIG Holdings XML schema for ESB B2
 - <http://www.portia.dk/zholdings/Holdings7/ZhsV7EsnB2Doc/Zh2V7EsnB2.html>



D Item Ordering & ILL

- Canadian Z39.50/ILL Profiles 1 & 2 for Item-Order
- Level 1: Item Order (ILL Request)
 - A: Z39.50/ILL Profile 2 BER encoding
 - B: SMTP ILL XML encoding
 - <http://www.portia.dk/pubs/ill/schema/illv2/illv2.htm>
- Level 2: ILL
 - C: Z39.50/ILL Profile 1 BER encoding



E Cross-Domain S/R

- Bib-1 Searching
- DC/RDF XML Encoded present
- Syntax=XML & ESN=F
- OID or Namespace for DC/XML Present Request
- XML Schema for DC/XML (DCMI RDF)
- <http://dublincore.org/documents/2001/04/11/dcmes-xml/>



F Update & G EDD

- Update
 - Based on the Australian Union Catalogue Profile for Update
 - Private diagnostics
- Electronic Document Delivery
 - Excluded from ONE-2 Profile

ONE-2 Profile Support

	BIBSYS	BL	DBC	HGM	HNL	HUL	LIBRIS	NB	ICCU
Character Set Negotiation	-	-	+	+	-	-	-	-	+
MARC21	+	+	+	+	+	+	+	+	+
UNIMARC	-	+	-	-	-	-	-	+	+
SUTRS	+	+	+	+	+	-	+	+	+
MARC Holdings	+	-	+	+	-	-	+	+	+
ZIG XML Holdings	+	-	+	-	-	-	-	+	-
Z39.50/ILL Profile 1	-	-	+	-	-	-	-	-	-
Z39.50/ILL Profile 2	-	-	-	+	-	-	-	-	+
DC/XML	+	-	-	+	-	-	-	+	+
Update	-	-	+	-	-	-	-	-	-
ExplainLite	+	+	-	+	+	-	+	+	-

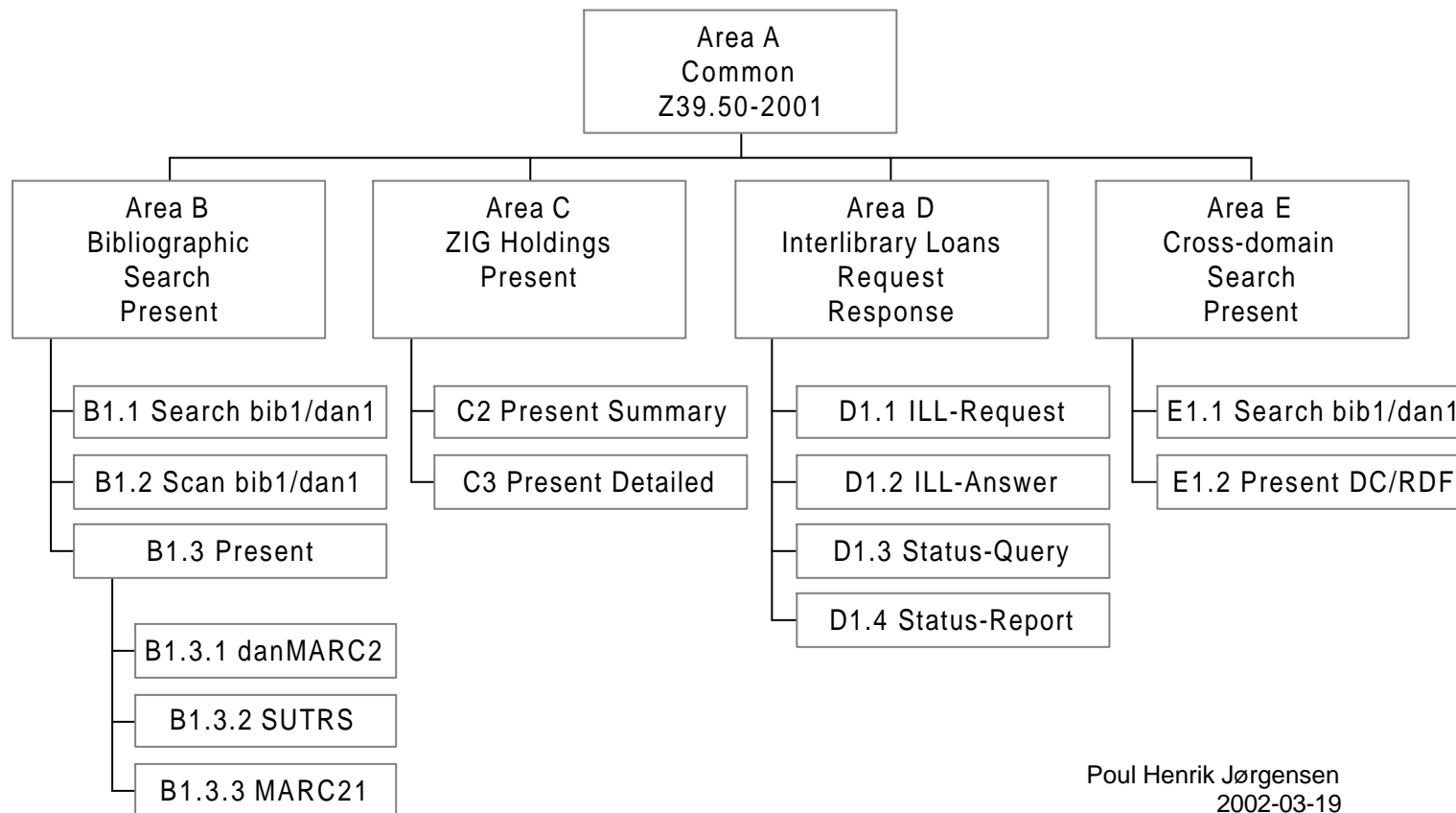


danZIG Profile

- Danish National Profile
- Supported by ILS vendors active in Denmark
- Structure based on ONE-2 Profile
- Bibliographic Search extends Bath Profile
- Extended Services subset of ONE-2 Profile
- <http://www.portia.dk/pubs/danZIG/danZIGv2002-03r3.pdf>

danZIG Profile structure

danZIGv2002-03r3





A Common Requirements

- Based on ONE-2 requirements.
- Support for queries with mixed Bib-1 & Dan-1 attributes
- Servers must support ISO 8859-1:1998 Latin-1 plus the ISO 10646 BMP character set with UTF-8 or UTF-16 encoding



B Bibl. Search & Retrieval

- Attribute combinations mapped to Bath
- SCAN including *Completeness* attribute
- Syntax: SUTRS, danMARC2 & MARC21
- ESN: F, B, DM2PX (danMARC2 with Private Extensions)



C Holdings Retrieval

- Bibliographic search including *Possessing-Institution*
- Present compSpec
 - Syntax: XML OID
 - Schema: Holdings Abstract Schema OID
 - Level 1: ESN B2 XML Namespace string
 - Level 2: ESN B3 XML Namespace string



D Interlibrary Loans

- Check Holdings XML data
- Exchange ILL via Z39.50/Profile 1
- ILL-Request & ILL-Answer
- Status-Query & Status-Or-Error-Report
(plus optional ILL-Answer)



E Cross-domain Search

- Search with Bib-1 & Dan-1 attributes
- Present compSpec
 - Syntax: XML OID
 - Abstract Schema: ? OID
 - Element Set: DCMES-XML Namespace string
 - <http://dublincore.org/documents/2001/11/28/dcmes-xml/>