

NorZIG Holdings Profile version 2.

Date: 2013-09-18
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Revisions:

0	As accepted by the NorZIG meeting 2002-09-25	2002- Ole 10-21 Husby
1	Added values 12 and 13 to 850 \$f, as decided by the NorZIG meeting 2013-09-12	2013- Tor 09-13 Arne Dahl
2	Updated the MARC 21 section of Monographs according to decisions made at the NorZIG meeting 2013-09-12: 1) added instructions about the use of the 859 field, 2) removed details about use the 852 field, which is fully described in MARC21, and 3) added 859 fields to the example.	2013- Tor 09-18 Arne Dahl

This document describes the NorZIG Holdings Profile Version 2, as accepted by the NorZIG meeting 2002-09-25.

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Introduction

The intended audience of this document are implementors of Z39.50 services in Norway and their partners and system suppliers.

Further information about the NorZIG activities is available from the official NorZIG Web-site:
<http://www.norzig.no/>

The NorZIG Holdings Profile version 2 supercedes the previous version:

- **Summary location and holdings data. A proposal for a Norwegian Z39.50 profile**
This previous version of the Norwegian holdings profile was published by NorZIG in 1999, and has been adopted in most Norwegian Z39.50 implementations. [\[1\]](#).

Scope

The primary objective of the NorZIG Holdings Profile is to *facilitate interoperability between library systems in Norway*, while being conformant to international profiles.

The profile describes a simple method for embedding summary location and holdings data into NORMARC, MARC 21 and SUTRS records. This method is required by the *NorZIG Z39.50 Profile version 2*, for the purpose of exchanging holdings data by the Z39.50 present service. [2].

Furthermore, the methods described in this profile are recommended for Norwegian systems exchanging holdings data *without* the use of the Z39.50 protocol.

This profile makes no assumptions about the completeness of bibliographic records. The examples are all showing records with both bibliographic and holdings data elements - as required when using Element Set Name = "F". (See [2]).

In the case of MARC records with Element Set Name = "B1", the records are expected to include holdings data elements only. (See [2]).

Periodicals

NORMARC:

The target must include one or several 850 fields, containing the following subfields, where the Norwegian descriptions are quoted from the NORMARC standard:

Subfield	Description	Description (Norwegian)
\$a	Institution/location	Eiende bibliotek/avdeling
\$b	Sublocation/collection	Filial- avdelings- eller samlingskode
\$c	Shelving location	Hyllesignatur
\$g	Holdings string	(Not in NORMARC)
\$i	First volume	Første bind i biblioteket
\$j	Parallel numbering for first volume	Parallell bindnummerering til første bind
\$k	First year	Første år i biblioteket
\$l	Last volume	Siste bind i biblioteket
\$m	Parallel numbering for last volume	Parallell bindnummerering til siste bind
\$n	Last year	Siste år i biblioteket

One of the subfields (\$g) is not a part of the NORMARC standard:

\$g: Holdings string

This subfield applies to periodicals only. The proper way of entering holdings data is through the use of subfields \$i - \$n. As not many systems keep such detailed information, subfield \$g can be used to include a "holdings string", which is human-readable, but most often not machine parsable. The use of subfield \$g is mandatory, while subfields \$i - \$n are optional.

Example:

```
022 $a 0038-092x
245 $a Solar energy
    $b the journal of solar energy science and engineering
260 $a Phoenix, Ariz. $b The Association for Applied Solar Energy
850 $a NTUB $b t $c q620.91:551.521.1(05) So4
```

```

      $g 2(1958)-6(1962)nr 2, 13(1971/72)-
850 $a NTUB - VarmeL $b t $c q620.91:551.521.1(05) So4 $g 30(1983)-
    $i 30 $k 1983
850 $a UBB - UBBRB $b z $c Sol $g 1(1957)- $i 1 $k 1957
850 $a UMN - UMN/FYS $b Tidsskr. $c SOL $g 44(1990)- $i 44 $k 1990

```

MARC21:

The target must include one or several 866 fields, containing the following subfields:

Subfield Description

\$a Holdings string

Comment:

There is no way of using embedded location/holdings data in the MARC 21 bibliographic record in the same way as the NORMARC proposal. However, as 866 \$a is a string with no further structure, we propose to prefix the actual holdings ("caption") string with location data that would go into 850 \$a in the NORMARC case.

Example:

```

022 $a 0038-092x
245 $a Solar energy
    $b the journal of solar energy science and engineering
260 $a Phoenix, Ariz. $b The Association for Applied Solar Energy
866 $a NTUB 2(1958)-6(1962)nr 2, 13(1971/72)-
866 $a NTUB - VarmeL So4 30(1983)-
866 $a UBB - UBBRB 1(1957)-
866 $a UMN - UMN/FYS 44(1990)-

```

SUTRS:

The target should include one or several "records" - each consisting of one or several lines - with the same contents as in the NORMARC case for subfields \$a, \$b and \$c, but without subfield information or other punctuation. Holdings data should be expressed in human-readable form, e.g. in the same way as in subfield \$g.

Example:

```

Tittel: Solar energy : the journal of solar energy science and engineering
Trykt : Phoenix, Ariz., The Association for Applied Solar Energy
ISSN   : 0038-092x

```

```

NTUB t q620.91:551.521.1(05) So4 2(1958)-6(1962)nr 2, 13(1971/72)-
NTUB - VarmeL t q620.91:551.521.1(05) So4 30(1983)-
UBB - UBBRB Z Sol 1(1957)-
UMN - UMN/FYS Tidsskr. SOL 44(1990)-

```

Monographs

NORMARC:

The target must include one or several 850 fields, containing the following subfields, where the Norwegian descriptions are quoted from the NORMARC standard:

Subfield	Description	Description (Norwegian)
\$a	Institution/location	Eiende bibliotek/avdeling
\$b	Sublocation/collection	Filial- avdelings- eller samlingskode
\$c	Shelving location	Hyllesignatur
\$f	Use restrictions	(Not in NORMARC)
\$h	Circulation status	(Not in NORMARC)
\$x	Date of circulation status	(Not in NORMARC)
\$y	Loan expiry date	(Not in NORMARC)

Four of the subfields are not a part of the NORMARC standard:

\$f: Use restrictions

This subfield must be used to state use restrictions on the copy level.

The absence of this subfield should not be given any particular interpretation.

A list of legal values for this subfield is given in [table 1](#), taken from the Z39.50 Holdings schema [\[3\]](#).

\$h Circulation status

This subfield must be used to state circulation status on the copy level.

The absence of this subfield should not be given any particular interpretation.

A list of legal values for this subfield is given in [table 2](#), taken from the Z39.50 Holdings schema [\[3\]](#).

\$x Time of circulation status

This subfield must be used to state the time of validity of the circulation status given in subfield \$h.

The absence of this subfield should not be given any particular interpretation.

In the case when the circulation status is reflecting the "now" situation - as is the case when the target accesses a real-time updated circulation system - the value of this field must be the string "NOW".

In all other cases, the value of this subfield must comply with the ISO 8601 standard, either as

Complete date: YYYY-MM-DD (eg 1997-07-16)

or as

Complete date plus hours and minutes: YYYY-MM-DDThh:mmTZD (eg 1997-07-16T19:20+01:00)

\$y Loan expiry date

This subfield must be used to state the date of expiry in the case when the circulation status given in subfield \$h is "on loan".

The absence of this subfield should not be given any particular interpretation.

The value of this subfield should comply with the ISO 8601 standard, given as

Complete date: YYYY-MM-DD (eg 1997-07-16)

Example:

```
100 $a Brünnich, Morten Thrane
240 $a Ornithologia borealis
245 $a M. Th. Brünnichii Ornithologia borealis sistens collectionem
    avium
    $b ex omnibus, imperio Danico subjectis, provinciis insulisque
    borealibus, Hafniae factam, cum descriptionibus novarum, no
    minibus incolarum, locis natalium et icone
260 $a Hafniae $b Imprimatur J. C. Kall $c 1764
850 $a UBT - VSB $b Kleist $c F 106 $h 4 $x 2002-04-09T23:20+01:00
    $y 2002-05-07
850 $a UBB $c IIm2 $f 1 $x 2002-04-09T23:20+01:00
850 $a UBO $c Cb 2600 $x 2002-04-09T23:20+01:00
```

MARC21:

The Target must include one or several 852 fields, containing the subfields specified in MARC 21.

Additionally, holdings data must be duplicated in the 859 field, which should contain the same subfields as the NORMARC 850 field, specified above.

Example:

```
100 $a Brünnich, Morten Thrane
240 $a Ornithologia borealis
245 $a M. Th. Brünnichii Ornithologia borealis sistens collectionem
    avium
    $b ex omnibus, imperio Danico subjectis, provinciis insulisque
    borealibus, Hafniae factam, cum descriptionibus novarum, no
    minibus incolarum, locis natalium et icone
260 $a Hafniae $b Imprimatur J. C. Kall $c 1764
852 $a UBT - VSB $b Kleist $c F 106
852 $a UBB $c IIm2
852 $a UBO $c Cb 2600
859 $a UBT - VSB $b Kleist $c F 106 $h 4 $x 2002-04-09T23:20+01:00
    $y 2002-05-07
859 $a UBB $c IIm2 $f 1 $x 2002-04-09T23:20+01:00
859 $a UBO $c Cb 2600 $x 2002-04-09T23:20+01:00
```

SUTRS:

The target should include one or several "records" - each consisting of one or several lines - with the same contents as in the NORMARC case for subfields \$a, \$b and \$c, but without subfield information or other punctuation.

Use restrictions and circulation status should be expressed in a human-readable form.

Example:

```
Forfatter: Brünnich, Morten Thrane
Tittel    : [Ornithologia borealis] M. Th. Brünnichii Ornithologia borealis
           sistens collectionem avium : ex omnibus, imperio Danico subjectis,
           provinciis insulisque borealibus, Hafniae factam, cum descriptionibus
           novarum, no minibus incolarum, locis natalium et icone
Trykt     : Hafniae $b Imprimatur J. C. Kall $c 1764

UBT - VSB $b Kleist F 106 - UTLÅNT
```

Tables

Table 1: Legal values for use restrictions in 850 \$f:

Value	Definition
0	Undetermined
1	Not for loan
2	In-library use only
3	Overnight only
4	Use only in controlled access room (i.e. rare book room)
5	Renewals not permitted
6	Circulation limited by user type, short loan period
7	Circulation limited by user type, normal loan period
8	Circulation limited by user type, long time period
9	Term loan
10	Semester loan
11	Available for supply without return
12	Not for ILL
13	Not for User ILL

Table 2: Legal values for circulation status in 850 \$h:

Value	Definition
0	Available
1	Circulation status undefined
2	On order
3	Not available; undefined
4	On loan
5	On loan and not available for recall until earliest recall date
6	In process
7	Recalled
8	On hold
9	Waiting to be made available
10	In transit (between library locations)
11	Claimed returned or never borrowed
12	Lost
13	Missing, being traced
14	Supplied (i.e. return not required)
15	In binding
16	In repair
17	Pending transfer
18	Missing, overdue
19	Withdrawn

- 20 Weeded
- 21 Unreserved
- 22 Damaged
- 23 Non circulating
- 24 Other

References

[1] Summary location and holdings data. A proposal for a Norwegian Z39.50 Profile.

<http://www.norzig.no/profiles/holdings.html>

[2] Norwegian Z39.50 Profile Version 2.

<http://www.norzig.no/profiles/profile2.html>

[3] Z29.50 Holdings Schema Version 1.2.

<http://lcweb.loc.gov/z3950/agency/defs/holdings.html>