

SirsiDynix Symphony Standard Delivery Z39.50 Server Configuration¹

Server Information

Domain Name: Assigned by Site
 Database Name: Unicorn
 Port Number: 2200
 Server Software Vendor: SirsiDynix
 Implementation ID⁴: Unicorn 3.2 Standard
 Z39.50 Protocol Version: 3
 Preferred Message Size: 16,000 bytes
 Maximum Record Size: 16,000 bytes

Attribute Value Notes

Relation Attribute: 3 Equal
 Position Attribute: 3 Any Position in Field
 Structure Attribute: 1 Phrase
 2 Word
 4 Year
 6 Word List
 Truncation Attribute: 1 Right Truncation
 100 Do not Truncate
 Completeness Attribute: 1 Incomplete Subfield

Server Options Supported

General Options Search, Present, Scan, Sort,
 Delete Result Set, Named Result
 Sets
 Attribute Type Type-1, Type-101
 Element Set Names F (full), B (brief)
 Record Syntax MARC21

Attribute Combination Summary

Bib-1 Use Attributes Other than 30 and 31

Relation: 3
 Position: 3
 Structure: 1, 2, 6
 Truncation: 1, 100
 Completeness: 1

Bib-1 Use Attributes 30 and 31

Relation: 3
 Position: 3
 Structure: 1, 2, 4, 6
 Truncation: 1, 100
 Completeness: 1

Encoding Definitions

The Z39.50 standard makes use of attributes to code a client's query so that the receiving server can process the query correctly. These are the six encoding definitions provisions for the standard:

1. Use or Index (Specifies which data field(s) the query should be processed to)
2. Relation (Controls the order of numerical expression)
3. Position (Specifies the location of term(s) within the fields for matching query)
4. Structure (Specifies the structure of data in the query)
5. Truncation (Specifies type of truncation processing for query)
6. Completeness (Specifies query processing by subfield)

Server Supported Bib-1 Attribute Table

Use Number	Use Name	Unicorn MARC21 Tags ²	Relation	Position	Structure	Truncation ³	Completeness
1	Personal Name	100, 600, 700	3	3	1, 2, 6	1, 100	1
2	Corporate Name	110, 610, 710	3	3	1, 2, 6	1, 100	1
3	Conference Name	111, 611, 711	3	3	1, 2, 6	1, 100	1
4	Title	130, 245, 730, 740	3	3	1, 2, 6	1, 100	1
5	Title Series	440, 490, 830, 840	3	3	1, 2, 6	1, 100	1
6	Title Uniform	130, 240, 630, 730	3	3	1, 2, 6	1, 100	1
7	ISBN	20	3	3	1, 2, 6	1, 100	1
8	ISSN	22	3	3	1, 2, 6	1, 100	1
9	LC Card Number	10	3	3	1, 2, 6	1, 100	1
13	Dewey Classification	82	3	3	1, 2, 6	1, 100	1
16	LC Call Number	50	3	3	1, 2, 6	1, 100	1
17	NLM Call Number	60	3	3	1, 2, 6	1, 100	1
20	Local Classification	090, 092	3	3	1, 2, 6	1, 100	1

SirsiDynix Symphony Standard Delivery Z39.50 Server Configuration¹

21	Subject Heading	600, 610, 611, 630, 650, 651, 690, 691	3	3	1, 2, 6	1, 100	1
25	MESH Subject	650	3	3	1, 2, 6	1, 100	1
27	LC Subject Heading	650	3	3	1, 2, 6	1, 100	1
29	Local Subject Index	690, 691	3	3	1, 2, 6	1, 100	1
30	Date	PBYR	3	3	1,2,4,6	1, 100	1
31	Date of Publication	PRYR	3	3	1,2,4,6	1, 100	1
33	Title Key	222	3	3	1, 2, 6	1, 100	1
35	Title Parallel	245, 246	3	3	1, 2, 6	1, 100	1
36	Title Cover	246	3	3	1, 2, 6	1, 100	1
37	Title Added Title Page	246	3	3	1, 2, 6	1, 100	1
38	Title Caption	246	3	3	1, 2, 6	1, 100	1
39	Title Running	246	3	3	1, 2, 6	1, 100	1
40	Title Spine	246	3	3	1, 2, 6	1, 100	1
41	Title Other Variant	212	3	3	1, 2, 6	1, 100	1
45	Subject Precise	690	3	3	1, 2, 6	1, 100	1
50	Number Government Publication	74	3	3	1, 2, 6	1, 100	1
51	Number Publisher of Music	28	3	3	1, 2, 6	1, 100	1
53	Number Local Call Number	090, 092	3	3	1, 2, 6	1, 100	1
54	Code - Language	LANG	3	3	1, 2, 6	1, 100	1
56	Code - Institution	850	3	3	1, 2, 6	1, 100	1
58	Name - Geographic	651	3	3	1, 2, 6	1, 100	1
59	Place of Publication	260	3	3	1, 2, 6	1, 100	1
60	CODEN	30	3	3	1, 2, 6	1, 100	1
61	Microform Generation	533	3	3	1, 2, 6	1, 100	1
62	Abstract	520	3	3	1, 2, 6	1, 100	1
63	Note	500, 501, 502, 503, 504, 505, 506, 507, 508, 511, 515, 517, 520, 521, 530, 533, 534, 540, 545, 546, 547, 550, 555, 580, 590, 599	3	3	1, 2, 6	1, 100	1
1000	Author - Title	400, 410, 411, 700, 710, 711, 800, 810, 811	3	3	1, 2, 6	1, 100	1
1002	Name	600, 610, 611	3	3	1, 2, 6	1, 100	1

SirsiDynix Symphony Standard Delivery Z39.50 Server Configuration¹

1003	Author	100, 110, 111, 700, 710, 711	3	3	1, 2, 6	1, 100	1
1004	Author - Name Personal	100, 700	3	3	1, 2, 6	1, 100	1
1005	Author - Name Corporation	110, 710	3	3	1, 2, 6	1, 100	1
1006	Author - Name Conference	111, 711	3	3	1, 2, 6	1, 100	1
1008	Subject - LC Children's	650	3	3	1, 2, 6	1, 100	1
1009	Subject Name - Personal	600	3	3	1, 2, 6	1, 100	1
1016	Any Field		3	3	1, 2, 6	1, 100	1

Holdings Information

The holdings information (item and serial) is delivered in designated MARC tags in the MARC 21, SUTRS and XML record syntaxes. When the ISO XML Holdings is finalized (sometime in 2008) the server will support the output of holdings in XML based on this standard.

The default MARC tags used to output holdings are the 926 (item level) and 927 (derived from serial marc holdings). Note that Symphony libraries have the option of changing these defaults to suit their local needs. If you do not see holdings information in the 926/927 tags please consult the library regarding any local customizations.

Item Level Holdings

Tag 926 (item level holdings):

subfield a: Library

b: Current location (including CHECKEDOUT)

c: Call number

d: Item Type

e: Date due (if applicable)

f: Copy Number

Example 1:

```
926 |aQEII|bBOOKSTACKS|cQA 76.9 C66 S88 1995|dBOOK|f1
```

Example 2 (item checked out):

```
926 |aQEII|bCHECKEDOUT|cJC 355 D5235 2006|dBOOK|e17/7/2007|f1
```

Detailed Serial Holdings (derived from MARC holdings records)

Tag 927 (derived from MARC holdings records):

subfield a: Library

b: Holdings display label

c: Holdings statement

Example:

```
927 |a UABARD
```

```
927 |b Location |cON_SHELF-- QP 1 A54
```

```
927 |bLibrary has |c v.1(1990)-v.5(1993)
```

SirsiDynix Symphony Standard Delivery Z39.50 Server Configuration¹

¹The configuration information included in this document reflects a standard delivery of the Z39.50 Level-3 Server to libraries utilizing SirsiDynix's Symphony Library Management System. Organizations interested in implementing Z39.50 access to a SirsiDynix site should contact the individual site for particular custom configuration information.

²SirsiDynix customers may modify the delivered use attributes and MARC21 tag mapping.

³There is a 300-term truncation limit. If a truncated search exceeds the limit, the server will return a null result set.

⁴The implementation ID will change with each release of Symphony but will always include "Standard" to identify this version of the Z server.