



**SISTEMI BIBLIOTECARI INTEGRATI
COMUNE E UNIVERSITA' DI GENOVA**



SBIGE

Z39.50 Server Configuration (24th May 2012)

This document provides technical information for Z39.50 client implementers that is necessary in order to access SBIGE Aleph500 Z39.50 Server (implemented since may 2003).

The SBIGE Aleph500 Z39.50 Server conforms to Z39.50-1995 (Version 3) of the standard. A subset of attributes from the bib-1 attribute set is supported.

Z39.50 Services Supported

The SBIGE server supports the following services:

Initialization
Search
Present
Sort
Scan

Internet address

Domain name: ranganathan.csita.unige.it

Port: 9991

Initialization

Protocol version: Z39.50- 1995 (Version 3)

ID authentication: User-id e password not required

Search

The Search service fully conforms to Bath profile Functional Area, Level 0

Result Set Name: supported

Database Names: GEN01, GEN02

Query: Type-1

Attribute Set ID: Bib-1

Operators supported: AND, OR, AND-NOT

Record syntax: UNIMARC (OID=1.2.840.10003.5.1)

Database name supported:

GEN01 (more than 810.000 bibliographic records and more than 1.200.000 items)

GEN02 (more than 73.000 bibliographic records)

Supported attributes

Use (ATR 1)

Value	Description
-----	-----
1	Personal name
4	Title
5	Title series
7	ISBN
8	ISSN
12	Local number (Campo 001)
13	Dewey classification ¹
21	Subject heading
30	Date
31	Date of publication
59	Place of publication
1003	Author
1004	Author (personal name)
1018	Publisher
1016	Any (keyword)
1017	Server-choice
1028	Stock number (=issn & isbn)
1031	Material type ²

Relation (ATR 2)

Value	Description
-----	-----
3	Equal

Position (ATR 3)

Value	Description
-----	-----
1	First in field
3	Any

Structure (ATR 4)

Value	Description
-----	-----
1	Phrase
2	Word
6	Word list

Truncation (ATR 5)

Value	Description
-----	-----
1	Right truncation
2	Left truncation
100	Do not truncate

¹ Only Browse (Scan).

² Supported values: "Libri", "Libri antichi", "Manoscritti", "Periodici", "Ebooks", "Documenti elettronici", "Video e film", "Audio", "Multimediali", "Carte geografiche", "Grafica", "Musica scritta", "Oggetti", "Spogli".

Completeness (ATR 6)

Value	Description
1	Incomplete subfield
3	Complete field

Required and Default Attributes

The Use attribute is REQUIRED.

For the other attributes, if an attribute type and value are not supplied by the client, the following defaults are applied:

RELATION: Equal (value=3)

POSITION: Any (value=3)

STRUCTURE: Phrase (value=1)

TRUNCATION: Do not truncate (value=100)

COMPLETENESS: Incomplete subfield (value=1)

Character set

UTF 8 for all Services.

Bibliographic record are in UTF 8.

Holding data

Holding data are in the UNIMARC tag 950.

Contact

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