

## Z0102 – COUNTER FOR LOGICAL BASES

The Z0102 table can be used to make browsing from the Web OPAC more efficient when scanning logical bases which are less than 50% of the total database.

When a logical base is being browsed, the system uses the Z0102 table to “decide” whether to display the heading (Z01) without having to retrieve the documents attached to the heading, read them and then “decide”.

The Z0102 table is built for each heading and for each logical base. The table includes the filing text, the access sequence of the heading and a counter of the relevant documents attached to the heading. The pointer to the documents is still stored in the Z02 (ACCDOC) table.

Conversion is not applicable; the Z0102 records are generated by running the p\_manage\_32 batch procedure from the WEB Services (Build Counters for Logical Bases). This batch procedure should always run after building the Headings index (p\_manage\_02).

When a record is added to a heading, or when a new heading is created, the logical base counter is **not** automatically updated. The p\_manage\_34 batch procedure from the WEB Services (Update Counters for Logical Bases) should be run to update the counter table after an update of the headings. This procedure should be run on a regular basis (i.e., nightly).

When a heading is updated, the Z01-UPDATE-Z0102 field of the heading’s record is set to ‘Y’. The “Update Counters for Logical Bases” batch procedure updates the Z0102 table for those headings where Z01-UPDATE-Z0102 = ‘Y’. Both p\_manage\_32 and p\_manage\_34 set the Z01-UPDATE-Z0102 field to ‘N’.

Note that the TAB10-Z0102-IN-USE flag of the library’s tab10 table must be set to ‘Y’ in order that the Web OPAC make use of the Z0102 table.

In the following table, (X) denotes an alphanumeric field and (9) denotes a numeric field. All alphanumeric fields are left justified with leading spaces, all numeric fields are right justified (with leading zeros, where relevant). Decimal positions are indicated by the symbol V. The total number of decimal digits is designated by the number of nines following the V.

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02 Z0102-REC-KEY.
03 Z0102-ACC-SEQUENCE          PICTURE 9(9) .

02 Z0102-REC-KEY-1.
03 Z0102-BASE                  PICTURE X(20) .
03 Z0102-ACC-CODE              PICTURE X(5) .
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03	Z0102-ALPHA	PICTURE X(1).
03	Z0102-FILING-TEXT	PICTURE X(69).
03	Z0102-FILING-SEQUENCE	PICTURE 9(5).
02	Z0102-NUMBER-OF-DOC	PICTURE 9(5).
02	Z0102-ACC-SEQUENCE-SEE	PICTURE 9(9).

<b>Z0102-REC-KEY</b>			
Z0102-ACC-SEQUENCE	M	9(9)	<b>DESC:</b> Sequence number of the record. Matches the Z01-ACC-SEQUENCE field of the heading's record.
<b>Z0102-REC-KEY-1</b>			
Z0102-BASE	M	X(20)	<b>DESC:</b> Logical base. The Z0102 is built for each logical base for which the heading should be displayed.
Z0102-ACC-CODE	M	X(5)	<b>DESC:</b> Index code to which the bibliographic field is sent. For example, AUT (author), TIT (title), SUB (subject). Matches the Z01-ACC-CODE field of the heading's record.
Z0102-ALPHA	M	X(1)	<b>DESC:</b> Alpha code of the access heading. Values are: <b>L</b> = Latin <b>R</b> = Greek <b>S</b> = Cyrillic <b>H</b> = Hebrew <b>A</b> = Arabic Matches the Z01-ALPHA field of the heading's record.
Z0102-FILING-TEXT	M	X(69)	<b>DESC:</b> Headings are sequenced in the OPAC browse list according to the "filing text" of the heading. The filing text is built according to:  <ul style="list-style-type: none"> <li>• Character conversion procedures (char_conv line) defined in the tab_filing table of the library's tab directory. The char_conv line is linked to the tab_character_conversion_line table of the alephe/unicode directory. This table determines which character conversion should be used.</li> <li>• Filing procedures: A single filing procedure is made up of a number of individual procedures. Filing procedures are defined in the tab_filing table of the library's tab directory.</li> </ul>

			<ul style="list-style-type: none"> <li>• Non-filing text Non-filing indicator (MARC21 standards). Text enclosed in &lt;&lt;&gt;&gt;.</li> <li>• Sub-fields are replaced by space. Matches the Z01-FILING-TEXT field of the heading's record.</li> </ul>
Z0102-FILING-SEQUENCE	M	9(5)	<b>DESC:</b> Filing sequence number. Matches the Z01-FILING-SEQUENCE field of the heading's record.
Z0102-NUMBER-OF-DOC	M	9(5)	<b>DESC:</b> Number of documents linked to the heading.
Z0102-ACC-SEQUENCE-SEE	M	9(9)	<b>DESC:</b> Z01-ACC-SEQUENCE of the preferred heading if the heading is a 'see' reference to another heading.