Z111 – KEYWORDS INDEX

The Z111 table contains keyword records that are used for searching some administrative records by words from fields in these records. The Z111 records are generated for Vendor records (Z70 and Z72), Budget records (Z76), User records (Z303 and Z304), Reading Room records (Z310) and ILL partner records (Z700).

The table is stored in both the ADM library and the usr_library. The Vendor records (Z70 and Z72), Budget records (Z76), and Reading Room records (Z310) are indexed in the ADM library table. The User records (Z303 and Z304) and ILL partner records (Z700) are indexed in the usr_library table.

The keywords are generated for the fields which are listed in the configuration table ./alephe/tab/z111_index.

The following fields can be set in z111_index:

Vendor:

```
Z70-VENDOR-NAME
Z70-VENDOR-CONTACT
Z70-COUNTRY
Z70-MATERIAL-TYPE
Z70-ADDITIONAL-VENDOR-CODE
Z70-CONTACT-5
Z72-VENDOR-ADDRESS
```

User:

```
Z303-NAME
Z303-PROXY-ID
Z303-PRIMARY-ID
Z303-SALUTATION
Z304-ADDRESS
Z304-ZIP
Z304-EMAIL-ADDRESS
Z308-KEY-DATA
```

Budget:

```
Z76-EXTERNAL-BUDGET
Z76-CURRENCY
Z76-NAME
Z76-DEPARTMENT
```

Reading room:

```
Z310-BARCODE
Z310-ID
Z13-TITLE
Z13-AUTHOR
```

ILL partner:

```
Z700-REC-KEY
Z700-NAME
Z700-GEN-INFO
```

For the fields listed in z111_index, the keyword index is automatically updated when a record is added to the database.

Conversion is not applicable. The keyword index is built by running the "Build Search Words for a Record" (p_manage_111) batch procedure. This service is available from the General option of the Services menu in the Acquisitions and Circulation modules.

The Z111 table must be included in the file_list of the library defined for the usr_library variable of the aleph_start file, as well as in the file_list of the ADM libraries.

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

```
         02 Z111-REC-KEY.
           03 Z111-SEQUENCE              PICTURE 9(9).

         02 Z111-SOURCE                  PICTURE X(5).
         02 Z111-SOURCE-KEY              PICTURE X(100).
         02 Z111-REC-KEY-1.
           03 Z111-ALPHA                 PICTURE X(1).
           03 Z111-TEXT                  PICTURE X(50).
```

Z111-REC-KEY			
Z111-SEQUENCE	M	9(9) Leading zeroes	**DESC:** Sequence number of the record in the keyword index. Consecutive numbers, the first keyword built is 000000001, each new Z111 record increases its sequence number by 1.
Z111-SOURCE	M	X(5)	**DESC:** Name of the table from which the keyword is built (e.g. Z310).
Z111-SOURCE-KEY	M	X(100)	**DESC:** Content of the key field of the source record. Key fields: Z70-VENDOR-CODE Z72-VENDOR-CODE Z700-INTERNAL-CODE Z76-BUDGET-NUMBER Z303-ID Z304-ID Z310-REC-KEY
Z111-REC-KEY-1			
Z111-ALPHA	M	X(1)	**DESC: DESC:** Alpha code of the keyword. **L** is used for all scripts (e.g. Latin, Greek, Cyrillic, etc.).
Z111-TEXT	M	X(50)	**DESC:** Keyword (the index entry).